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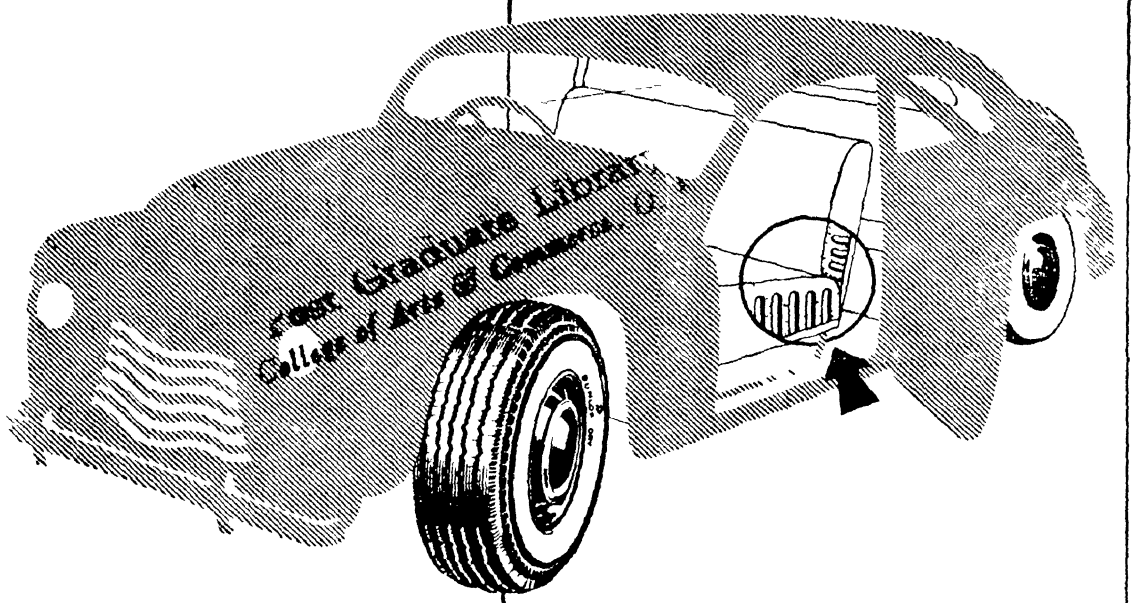

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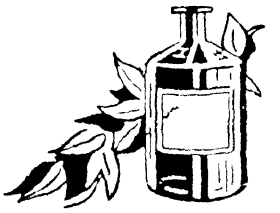

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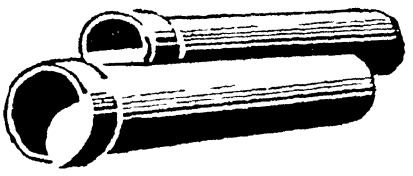

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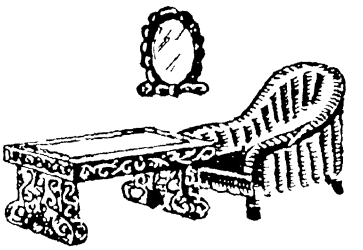

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Reserve Fund	**,,**	**3,52,00,000**

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Reserve Funds	**,,**	**1,28,00,000**

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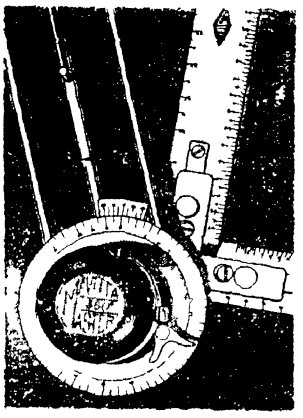

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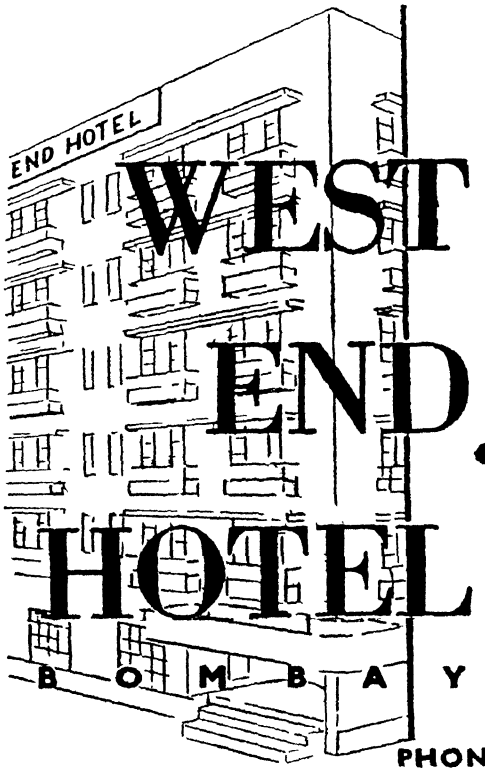

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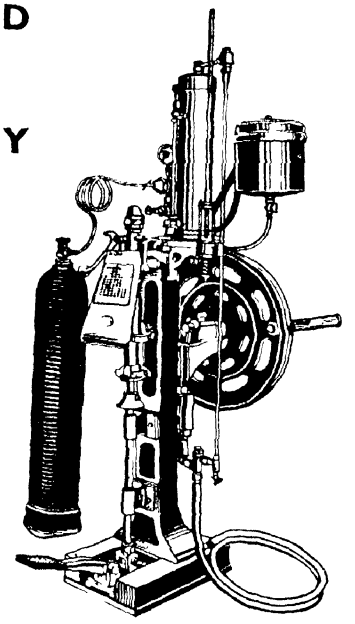

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Paid-up	,,	1,00,00,000
Reserve Funds	,,	1,00,00,000
Deposits as on 31-12-1952	,,	34,57,00,000

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PHYSIOGRAPHY

GEOGRAPHICALLY the mass of land today called India consists of the territories contained in the Union of India the Portuguese possessions of Goa, Daman, Diu and the French possessions of Mahe, Karikal, Pondicherry and Yanam

The Union of India (also referred to as the Republic of India) consists of the following 29 States The names in brackets are of the capitals of the states

Andhra (Kurnool)* Assam (Shillong) Bihar (Patna) Bombay (Bombay) Madhya Pradesh formerly called CP and Berar (Nagpur) Madras (Madras) Orissa (Cuttack) Punjab (Chandigarh) Uttar Pradesh formerly called United Provinces (Lucknow) West Bengal (Calcutta) Hyderabad (Hyderabad) Jammu and Kashmir (Srinagar) Madhya Bharat (Gwalior) Mysore (Bangalore) Patiala and East Punjab States Union (Patiala) Rajasthan (Jaipur) Saurashtra (Rajkot) Travancore Cochin (Trivandrum) Madhya Pradesh (Rewa) Ajmer (Ajmer) Bilaspur (Simla) Bhopal (Bhopal) Coorg (Mercara) Delhi (Delhi) Himachal Pradesh (Simla) Kutch (Bhuj) Manipur (Imphal) Tripura (Agartala), Andaman and Nicobar Islands (Port Blair)

Some of these States have what is called a summer capital The names of the summer capitals are given in brackets

Bihar (Ranchi) Bombay (Poona) Madhya Pradesh (Pachmarhi) Madras (Ootacamund) Punjab (Simla) Uttar Pradesh (Naini Tal) West Bengal (Darjeeling) Jammu and Kashmir (Gulmarg) Madhya Bharat (Indore)

(It may be stated here that the movement to the summer capital is not always as complete as it used to be)

India is about 1 700 miles from east to west and about 2 000 miles from north to south Its land frontier is about 7 000 miles long and the sea frontier about 4 000 miles The total land area is 1 260 640 sq miles The total population is 356 879 041† which is a little less than one sixth of the population of the whole world

In shape India is like a triangle with its base resting on the Himalaya Mountains in the north and its apex running far into the ocean in the south At the southern extremity the triangle tapers with a pear shaped curve to a point called Cape Comorin

India lies entirely to the north of the equator From south to north including Kashmir it stretches from 8° north latitude to 37° north latitude with the Tropic of Cancer cutting it roughly into two halves West to east it stretches from about 66° 20' east longitude to 97° east longitude

Broadly speaking India is shut off from the mainland of Asia by the Himalaya Mountains the highest mountain range in the world Going from west to east along the country's land frontier are Pakistan Chinese Turkestan Tibet China, Burma and Pakistan In the south the country is surrounded on all sides by water—the Arabian Sea in the west the Indian Ocean in the south and the Bay of Bengal in the east

India is so vast and diversified that expressions like average rainfall average temperature have no meaning The average annual rainfall in the Thar desert is 4 inches while that in Cherrapunji is 425 Similarly places in Kashmir have a minimum temperature of 40° F while places in Rajasthan have recorded a maximum temperature of 120° F So one can only speak of local averages rather than of national averages

Compared with the size of the country the coast line is short as there are few bays or inlets Hence there are also very few harbours The fact is the west coast is rocky and the sea is deep near the coast, while in the east the sea is extremely shallow so that big ocean going ships have to weigh anchor at some distance from the shore The only so-called natural harbours are Bombay and Goa while Madras Vishakapatnam and Port Okha are examples of purely artificial harbours built by human enterprise

The principal ports in India are (going from west to east along the coast) Bedi Bunder Port Okha Porbandar Surat Bombay Marmagao Mangalore Kozhikode (Calicut) Cochin Alleppey Quilon Tuticorin Dhanushkodi Nagapattinam Karikal Cuddalore Pondicherry Madras Masulipatnam Kakinada Vishakapatnam and Calcutta Of these Karikal and Pondicherry belong to France Marmagao belongs to Portugal while the rest are in the Republic of India It may also be mentioned that the new harbour at Kandla in Kutch is now in use

MOUNTAIN WALL

India can be divided into three natural regions —1 the mountain wall 2 the Plain of Hindustan and 3 the Indian Plateau

Let us take the mountain wall first From the Pamir Knot in the far north two mountain ranges radiate one in the south east and easterly direction called the Himalayas and the other in a south western direction reaching almost down to the sea called the Sulaiman Range in the north and the Kirthar Range in the south In the east the mountain wall between India and Burma is called by different names in different places In the north for instance it is known as the Patkoi Hills further south as the Naga Hills In Assam it is called Jaintia Khasi and Garo Southward are the Lushai Hills then lastly there are the Arakan Yoma which finally reach the sea at Cape Negrais and continue in the Andaman and Nicobar Islands

Of the various ranges which constitute the mountain wall of India the Himalayas are the most noteworthy Extending like a scimitar for a distance of 1 500 miles along the northern frontiers of the country they form the loftiest mountain range in the whole world and contain many of the highest mountain peaks Mount Everest 29 002 ft Mount Godwin Austen 28 250 ft and Kanchenjunga 28 146 ft

There are no easy ways in and out through the mountain wall which but off India from the rest of Asia but there are a few difficult passes In the very north are the Zoji La and the Shipki La's which lead out of Kashmir and Punjab respectively Then from Shipki right down to Darjeeling there are no passes in the mountain wall Across the Burma frontier again there are a few routes but they are of little use for purposes of communication

The following is a more detailed description of the mountain region

In the east on the border of Burma the mountain wall is much lower Here it can more accurately be described as a range of hills rather than of mountains This region is wet, forested and very thinly populated The region round about Cherrapunji in Assam has the highest rainfall in the world

Then from Darjeeling to Kashmir are the Himalayas proper over 1 500 miles in length and 150 to 300 miles in breadth The Himalayas are thus not a mountain chain in the proper sense of the word They can be described as a series of parallel but converging ranges intersected by valleys and big plateaus On the whole the slopes of the mountains facing India are very steep while those facing north are much more gentle We say on the whole because though the eastern Himalayas (in West Bengal and Bihar) rise abruptly from the plains in the west (western Uttar Pradesh and the Punjab) the rise from the plains is a little more gradual Hence the Himalayas themselves can be further sub divided into three parallel zones the Great Himalayas with an average elevation of 20 000 ft always covered with snow, the Lesser Himalayas the middle range with an average elevation of 15 000 feet and finally the Outer Himalayas lying between the Lesser Himalayas and the plains with an average elevation of about 3 000 feet The last are a sort of foot hills to the Great Himalayas and are usually described as forming the sub Himalayan region, a region which extends from eastern Bihar to the Punjab all along the Plain of Hindustan

In the north the altitude of the range is much lower there are few peaks which exceed a height of 20 000 feet The Punjab Himalayas are comparatively dry and the snow line is much higher than elsewhere The northern slopes are bare while the southern slopes are forested

Two of the longitudinal valleys which separate the mountain ranges are worth a note They are the Vale of Kashmir and the valley of Khatmandu in Nepal Both the valleys are fertile extensive and from a tourist's point of view a dream of beauty

Thus it is clear the whole region possesses great variety in climate and a range of vegetation stretching from the tropics to the poles

The north mountain wall has a tremendous influence on the physiography of the country On the one hand it keeps out the bitterly cold winds which blow from Central Asia and Tibet during the winter and on the other it intercepts the moisture laden winds which blow from the sea in the south so that the northern plains of the country have rain during the monsoon Second the melting snow and rain falling on the mountains go to form the chief source for the water of the rivers which flow from the Himalayas Hence the rivers of Hindustan never go completely dry in the summer

PLAIN OF HINDUSTAN

Geologically the Ganges plain can be considered as the fore deep of the mountains to the north of it This fore deep extends thousands of feet below the sea level though since its formation it has been filled in by deposit In the east this deposit consists of alluvial material from the mountains in the west it consists of material blown by the wind All through the deposit is fine grained made up chiefly of muds and sands

The Plain of Hindustan extends from the Bay of Bengal in the east to the Pakistan frontier in the west that is to say it is about 1 900 miles long and from 150 to 500 miles broad Throughout this vast tract of land not a hill can be seen The slope from the mountains to the sea is so gradual that about 100 miles from the mouth of the River Ganges the surface is no more than 300 feet above sea level

The Plain of Hindustan is probably the most important part of the country For one thing, it contains some of the richest soil in the world Second it is on the Plain of Hindustan that the whole drama of race conflict and race assimilation was played out a drama which finally shaped the political and cultural destiny of both India and its neighbour Pakistan

Going into more detail the Plain of Hindustan is formed by the basins of three distinct river systems In the far west are the Beas and Sutlej tributaries of the Indus draining into the Arabian Sea Further east is the River Ganges with its tributaries the Jamuna Ogra Rapti and Gandak which flows south eastwards into the Bay of Bengal The capital of the Indian Republic Delhi stands on the water shed between the Indus and the Ganges river basins The third of the three river systems the Brahmaputra rises beyond the Himalayas turns east and enters India at its eastern extremity and joins the Ganges before reaching the Bay of Bengal The Brahmaputra has no important tributaries

On the Himalayas these rivers are rushing roaring torrents cutting their way through steep and rocky gorges But when they reach

* Provisional

† Excluding Kashmir, the population of which is estimated at 4 41 millions

the vast plains they broaden out and wander slowly till they get to the sea The land is so flat that the rivers sometimes leave their old beds and cut out new channels flooding the surrounding area

The rivers of Hindustan are notable in three respects 1 They give a constant supply of water, 2 The land through which they flow is broad, flat and fertile and eminently suitable for irrigation, 3 Because water flows perennially they are navigable through the greater part of the year

As we go from west to east in the plain rainfall increases and so do the fertility of the soil and the density of population

The whole plain can be sub divided according to climate into a number of natural regions There are first the plains of the north west, comprising Punjab State, a dry area depending on the irrigation canals of the rivers Beas and Sutlej for its water Second, there is the valley of the Upper Ganges covering the major part of Uttar Pradesh a comparatively dry region which depends for its cultivation on the irrigation canals of the Ganges and the Jamuna Third we have the valley of the middle Ganges embracing the State of Bihar, which is an intermediate zone, with both wet and dry cultivation As we go further east we have the lower valley of the Ganges, which includes the whole of West Bengal, a wet region with considerable rainfall growing rice and jute

INDIAN PLATEAU

The third of the natural regions into which the country is divided is called the Indian Plateau because it comprises a three sided table land covering the whole of the country in the south except for two narrow coastal strips in the east and the west The Indian Plateau is marked off from the Plain of Hindustan by a confused mass of hill ranges running with a general direction of east to west Three of these ranges have been distinguished by the names of Vindhyas Satpuras and Ajantas respectively They stand from 1 500 feet to over 4 000 feet high and though pierced by road and railway at the present time were not easy to cross in the old days and thus formed a barrier of hill and jungle between the northern and the southern portions of the country

The Indian Plateau is higher in the west and the south than in the east and north Along the western and eastern edge of the plateau run the Western and Eastern Ghats They start southward, from the extremities of the Vindhya mountain system and run along the western and eastern coasts of the country and unite to form a sort of upheaved angle towards their southern extremity The Western Ghats run through the State of Bombay and ascend to an average height of about 3,000 feet while some of the peaks are anything between 5,000 feet and 9,000 feet high The Eastern Ghats stretch down the State of Madras and have an average elevation of 1 500 feet The inner triangular plateau which the Western and Eastern Ghats form far in the south is seamed with little ranges of hills exceeding 4,000 feet in height the best known among which are the Nilgiris It is on the Nilgiris that Ootacamund the famous summer capital of Madras State stands

Drainage Systems —There are three systems of drainage in the Indian Plateau—one towards the north, the second towards the west and the third towards the east The drainage from the northern or Vindhya edge of the plateau falls into the Ganges Two rivers Narmada and Tapti carry the rainfall of the southern slopes of the Vindhya and Satpura mountains respectively in almost parallel lines into the Arabian Sea Further south, as we have already stated the plateau is much higher in the west than the east So the drainage has to make its way across the whole breadth of the plateau eastwards until it falls into the Bay of Bengal The most important rivers are the Mahanadi the Godavari, the Krishna and the Cavery These rivers differ from the rivers of the Plain of Hindustan in three ways 1 They are fed only by the monsoon rains and therefore do not yield a constant supply of water, 2 Their valleys are less suitable for irrigation, 3 And finally, they are not navigable for certain seasons in the year when parts of the river dry up

From a geological point of view the Indian Plateau consists mainly of very old crystalline rocks—much older than the Himalayan fold mountains On some of the edges of the plateau in the north east for instance, are areas of sedimentary rocks from which the country obtains most of its coal About nine tenths of the coal resources of India lie in Jharia in Bihar and Raniganj in West Bengal, though coal bearing beds are also found in the valley of the Godavari and the northern slopes of the Vindhyas The north west of the plateau is covered by vast stretches of lava called the Deccan lavas This region is one of the largest areas of lava in the world, covering as it does an area of 250,000 square miles with a total thickness of several thousand feet In spite of the great extent of the lavas there are few or no signs of volcano In the rest of the Plateau valuable minerals occur here and there among old crystalline rocks Gold is obtained in Kolar, manganese in Vishakapatnam, Mysore and Madhya Pradesh, copper and iron in Bihar and Orissa, mica in Andhra and the south east The point about diamonds is of some interest They occur in sand stones or conglomerate in Panna in Vindhya Pradesh or Kurnool in Andhra though no diamond bearing igneous rocks are found

Natural Regions —From the point of view of climate and vegetation the Indian Plateau can be divided into ten natural regions There are first of all the coastal regions round the plateau In the north covering part of the State of Bombay is the Gujarat region moderately dry and hilly in places Further south is the west coast region covering part of Bombay and part of Madras, narrow and wet In the east is the Carnatic or Tamil region comprising part of Madras, moderately wet but wider than in the west In the north is what is called the Northern Circars region covering part of Andhra and part of Orissa, also moderately wet Then there are the dry regions lying to the north of the Vindhya mountains sloping downwards to the plains of the Ganges There are the Thar or Great Indian Desert the Rajasthan uplands dry and hilly and the Central Indian Plateau comprising part of Madhya Pradesh Finally there is a third group of regions which can be distinguished, all lying in the Indian Peninsula proper *These are first the southern part of the plateau* covering the whole of Mysore and parts of Madras and Bombay, dry, somewhat barren and thinly populated, second the Deccan lavas region in the north west, containing parts of Bombay, *Hyderabad and Madhya Pradesh* dry but with fertile black soil suitable for cotton and moderately thickly populated and lastly the north eastern Plateau covering parts of Bihar, Madhya Pradesh and Orissa This last mentioned region has moderate rainfall, is thinly populated, but thickly forested The inhabitants are mainly concentrated in two river valleys

Ceylon is the only important island lying off the coast of India to which it is joined by a line of sand flats collectively called Adam's Bridge But Ceylon is politically *separate from the sub continent* Two groups of very small islands in the Bay of Bengal, the Andamans and the Nicobars, and one group in the Arabian Sea the Laccadives are part of the Republic of India So is the quasi-island of Kutch off the Kathiawar Peninsula in western India Kutch is a dry, rocky, treeless country

VEGETATION

India is thickly populated and so over a greater part of the country the natural vegetation has been removed The country has no distinctive botanical features peculiar to itself Where the rain-fall is more than 80 inches a year there are ever green forests on the hills The wood from these forests is hard but the forests have not yet been commercially exploited These evergreen forests are chiefly found on the slopes of the Western Ghats, the wetter eastern parts of the Himalayas up to a level of 5,000 feet, and in Assam

Where the rain fall is less than 80 inches but more than 40 we have what are called the monsoon forests so called because the trees in these forests lose their leaves in the dry season The monsoon forests are very valuable, because they contain two of the most useful kinds of tree, the teak and the sal The teak is found chiefly in the western parts of the country while the sal is obtained in the lower slopes of the Himalayas and the north east of the Plateau Where the rainfall is less than 40 inches, in the drier parts of the country we find small thorny trees, sometimes so small that they are more like bushes than like trees In the driest parts where the land is desert or semi-desert even bushes cannot grow There we find plants with thick fleshy stems and long roots As we go up the mountains too the vegetation changes In the higher reaches of the mountains above 5,000 feet in the south, and 3 000 feet in the north the forests are similar to those found in temperate lands Some of the trees have broad leaves and are like the oak while others are tall and have needle shaped leaves like the pine

On the highest parts of the mountains it is too cold and too dry for trees to grow and so we find only small bushes and short grass

Along the sea coasts and in the great river deltas where the land is flat and muddy grows a kind of tree called mangrove These trees are most frequent in the deltas of the River Ganges where they are called Sundarbans

There is not much grass land in India though in the hills in the monsoon grass patches can be seen

The main cultivated plants include rice, wheat, pulses and grains Among the important seeds grown are castor, sesamum and ground nut The chief fruit trees include mango, coconut, areca nut and certain citrus fruit Apples peaches, pears apricots and walnuts are confined chiefly to the Himalaya valleys There are tea plantations over large areas on the mountains in the north east and south, while coffee, cardamom, pepper and rubber are extensively grown in the south In some of the damper regions the cinchona is successfully cultivated

ANIMALS

Just as natural vegetation has disappeared over the greater part of the land so have a great many wild animals The lion, for instance, was not uncommon within historical times in the north Today it is confined wholly, to the Gir forest in Junagadh in Saurashtra

The most famous among the wild animals which survive are the tiger and the elephant The leopard or panther is more common than the tiger and equally destructive of life and property The cheetah or the hunting leopard is found only in the Deccan and is generally trained for hunting the antelope Other wild Indian animals of the cat family are the marbled cat and the jungle cat

In the open country side wolves are plentiful and usually prey on sheep The Indian fox is comparatively scarce but the jackal is very common The wild dog is found in the denser jungles and generally hunts in packs Among other dogs are the pariah common in the south, and the greyhound used for hunting

The black bear is common wherever rocky hills and forests occur It lives on ants, honey and fruit and may often prove dangerous The Himalayan bear which is found only in the north, stays in the mountains during the summer but comes lower down during the winter

The rhinoceros found in the country are of three different types, two have a single horn and one has double The rhinoceros are commonest in the Brahmaputra valley and in the Sundarbans With the rhinoceros might be mentioned the crocodile which can be very dangerous specially in the rivers of the north The wild hog is also well-known in certain parts of the country and is very destructive of crops

In the remote parts of the deserts of Kutch is found the wild ass but its contacts with man are few Many wild varieties of sheep and goat are met with in the mountain ranges of the north

The antelope proper is more widely distributed On the coasts of Gujarat and Orissa, for instance, a herd of does accompanied by a single buck is a common sight The nilgai can also be found almost everywhere The sambar is confined to hill forests, while the spotted deer is considered to be the most beautiful animal of the Indian jungle

In the Western Ghats, and in the hill jungles of Assam and Madhya Pradesh is found the bison It is a fierce animal and almost as dangerous to hunt as the tiger Akin to the bison is the wild buffalo very common in Assam

The rat and the mouse are a perpetual nuisance The bandicoots some of which can be as long as 2 feet burrow under stores and godowns and are often deadly to plants, fruit or grain

The reptiles abound in garden and jungle and even intrude into dwelling places specially during the rains Thousands of people die every year in the country side of snake bite The most dreaded of the reptiles is the cobra There is another variety called Russel's viper whose bite is equally fatal Generally speaking the salt water snakes are dangerous while the fresh water ones are harmless The bigger variety scorpion which abounds in parts of Madras is a domestic terror

Of all the wild animals in the country the elephant is the most interesting as well as the most useful It generally lives in the wilder parts of the monsoon forests and being an intelligent animal can be trained to do heavy work such as dragging great logs of wood, or arranging them in neat piles The elephant is also excellent as a transport animal as it can push its way through the thickest jungle where roads cannot be built

Domestic Animals—So much for the wild animals Among the domestic animals the most useful are the oxen It is estimated that there are about 145 million cattle in India Milk is not a staple article of food and the oxen are chiefly used for ploughing or drawing carts The bullocks are more valuable than the cows though in certain parts like Uttar Pradesh dairy farming is an important industry One handicap is that in most areas fodder has to be specially grown for the cattle

There are 50 million buffaloes in the country The buffalo is stronger than the bullock and is chiefly used for ploughing The she buffalo is the typical dairy animal

There are 38 million sheep in the country But they are a very poor specimen and do not give good wool or meat Sheep are most numerous in Madras and live chiefly on waste land which is not good enough for cattle Goats (50 million) are found everywhere because it does not take much to keep them alive They can feed on the poorest grass or shrub and so find enough to eat even in the driest parts of the country

There are 3 236 million horses, ponies and donkeys, most of which are used as draught animals Mules, donkeys and camels are also used for purposes of transport mules and donkeys on the hilly parts and camels in the sandy desert The total number of live stock in the country is 264 429 millions

The birds of India though not as gorgeous as those of some other tropical lands deserve mention The parrot is easily the most beautiful of the Indian birds The peacock is another beautiful bird, while the maina like the parrot lives happily in a cage and talks well Of the vulture there are four varieties which include the common scavenger There are many types of eagle too and some of the falcons can be trained for hawking A bird much sought after for its plumage is the kingfisher and among the birds which are hunted for their flesh are pigeons, ducks, partridges, plover quail and snipe The jungle fowl, however, is not considered good for eating

There are many beautiful butterflies in India, while among the more useful insects are the bee the silk worm, the *coccus laca*, that is, the insect which gives lac Certain varieties of Indian moth and ant are very destructive Locust invasions are not frequent but when they appear they leave complete destruction behind them Mosquitoes abound everywhere

In India fish is eaten fresh as methods of fish preservation are either primitive or not practised Among the edible Indian fishes are the carp family and the cat fishes But the most delicious is the hilsa which is also a rich food A fish which is found in all hill streams is the mahseer

BASIC FACTS ABOUT INDIA*

Some basic facts may be shown more prominently as follows For more details see under individual sections

Land area 1 269 640 sq miles population (without Jammu and Kashmir and Part B Tribal Areas of Assam) 356 879 394 birth rate death rate infant mortality rate for 1950 24 8 16, 127 1, Literacy (1951) 16 6

National income (1948 49) Rs 8 710 crores average per capita income for agriculture Rs 500 average per capita income for mining, manufacturing hand trades Rs 800, for commerce, transport and communications Rs 1,600, for other services Rs 1 100

Area of India (1949 50) 811 million acres total cropped area 302 million acres, total irrigated area 49 million acres

Production of rice (in million tons for 1951 52) 20 77, of jawar 5 51, of bajra 2 15, of maize 1 96, of ragi 1 17, of small millets 1 81, of wheat 5 77, of barley 2 14, of gram 3 16, of sugar cane (in terms of raw sugar) 5 90, of potato 1 60

Production of tobacco (in lakh tons for 1951 52) 2 25 of seasum 4 41, of ground nut 30 37, of rape and mustard 9 00, of linseed 3 09, of castor seed 1 04, of jute 46 78, of cotton 31 34

No of oxen and buffaloes (in millions for 1950 51) 195, of sheep and goats 88 59, of horses, ponies, mules, donkeys, camels, pigs 7 89, of poultry 70

Amount of milk produced (1950 51) 21 42 million tons, amount of fish produced (1948) 180 20 million maunds

Amount of cotton yarn produced (1952) 1,448 40 million pounds, of cloth (1952) 4,603 2 million yards of steel (1952) 1 103 million tons of coal (1952) 36 millions tons, of cement 3 54 million tons

Government of India's estimated revenue for 1953 54 Rs 439 26 crores expenditure Rs 448 81 crores defence expenditure Rs 199 84 crores (45 per cent)

No of universities (1953) 30 no of colleges for general education (1950 51) 504 of colleges for special education 99, of professional colleges 213 of secondary schools 20 981 of primary schools 210 112 of pre primary schools 305 of vocational and technical schools 2 162 of special education schools 47 542, of research institutions 20, of unrecognized institutions 8 485

No of students at arts and science colleges 3,04 324, at professional colleges 54,716, at secondary schools 5 225,454, at primary schools 18,352 383, at pre primary schools 25 144 at vocational and technical schools 164 904 at unrecognized schools 406,338

Total no of students at all institutions (1950 51) 25,826,365

Total no of workers (1950 51) about 65 00 000 of workers employed in factories under the Factories Act of 1948 24 68 280 no of trade unions on register (1950 51) 4 277, membership of unions submitting returns (1950 51) 20 22,434

Labour force was roughly divided as follows factories 29 50,000, railways 14,00,000, plantations 12,00,000 Mines 5,00,000, Central Public Works 2,00 000 Posts and Telegraphs 2,00,000, major ports 50 000

Total mileage of all railways (Oct 1952) 34 331, Kutcha roads (1950 51) 1 60 000 miles, surfaced roads 90,200, total no of motor vehicles 310,145, of bullock carts 9,630,975, navigable water ways (1951 52) 5 200 miles no of major ports 5, no of aerodromes (1951 52) 75, no of air routes 50, air route mileage 25,000, no of post offices (1950) 29,671, no of telegraph offices 7,772 no of telephone exchanges (1951) 582, no of telephones 1,40,793

Total electric power production (Jan 1952) 5 842 million kwt

No of broadcasting stations (Oct 1952) 21, no of radio sets 6,77,403, total no of community sets 5 000, in industrial areas 250

No of dailies (April 1952) 596 weeklies 2 226 other periodicals 3,940, total circulation of dailies 20 00,000

Total foreign trade (1952 53) Rs 1,233,78 lakhs imports Rs 658,11 lakhs, exports Rs 575 62 lakhs

Total no of displaced persons 74 80 lakhs, total expenditure on rehabilitation since 1947 Rs 145 28 crores

NATIONAL FLAG AND ANTHEM

The National Flag is a horizontal tri colour of deep saffron, white, and dark green all of equal breadth and in that order from top to bottom There is a wheel on both sides in the centre of navy blue colour with twenty four spokes The wheel is the same size as the centre strip It is an exact reproduction of the wheel on the capital of the Asoka pillar at Sarnath near Banares The saffron is said to stand for courage, white for truth and peace, green for faith and chivalry (All India Congress Committee, 1931), the wheel is the symbol of India's ancient culture (Mr Jawaharlal Nehru) The flag was adopted by a resolution of the Constituent Assembly on July 22, 1947

The National Anthem is *Janaganamana*, *Vande Mataram* also enjoys an equal status It was adopted by the Constituent Assembly on Jan 24, 1950 *Janaganamana* was composed by Rabindranath Tagore and published in his paper *Tattvabodhini Patrika* of which Tagore himself was the editor in January, 1912 The poet rendered it into English in 1919 under the title *The Morning Song of India* It was first sung at a Congress session on December 27, 1911

* It is possible more up-to-date figures are given under Miscellaneous at the end of the book

Vande Mataram occurs in the novel *Ananda Math* by Bankim Chandra Chatterjee published in 1882 It was set to music by Rabindranath Tagore and was first sung at the Congress session of 1896

Janaganamana was preferred because *Vande Mataram* did not lend itself to harmonization

There are rules and regulations about the use of the national flag

No other flag or emblem should be placed above the national flag or to its right It should not be dipped to any person or any thing It should not be carried flat or horizontally but always aloft and free In a procession it should be carried in front of the procession

Normally it should be flown on important government buildings

The use of the flag is unrestricted on certain special occasions specified as such *e g* Independence Day Mahatma Gandhi's birthday, Republic Day and during the national week

WARRANT OF PRECEDENCE

(December 1952)

1 President of India

2 Prime Minister of India

3 Governors Maharajpramukh of Rajasthan and Rajpramukhs within their respective charges

3A Vice President of India

4 Ex President and ex Governors General of India

4A Lieut Governors within their respective charges

5 Rulers of Indian States with a salute of 17 guns and above within their States

6 Ambassadors accredited to India
High Commissioners of Commonwealth, Government in India

7 Chief Justice of India
Speaker of Parliament

8 Governors Maharajpramukh of Rajasthan and Rajpramukhs outside their respective charges

9 Cabinet Ministers of the Union of India

9A Lieut Governors outside their respective charges

10 Rulers of Indian States with a salute of 17 guns or over outside their States

11 Chief Ministers of Part A and Part B States in their respective States

12 Rulers of Indian States with a salute of 15 guns or 13 guns

13 Ministers Plenipotentiary and Envoys Extraordinary

14 Ministers of State for the Union of India
Members of the Planning Commission

14A Chief Commissioners of Part C States having Councils of Ministers within their respective charges

14B Chief Ministers of Part C States within their respective States

14C Judges of the Supreme Court of India

15 Ambassadors of India and visiting Ambassadors of India
Foreign Ambassadors visiting India
Visiting High Commissioners for India and High Commissioners of other Commonwealth countries visiting India

16 Charge d Affaires and acting High Commissioners *a pied* and *ad interim*

17 Chiefs of Staff and Commanders in Chief, provided they hold the rank of a full General or an equivalent rank

18 Chief Ministers of Part A States outside their States
Chief Ministers of Part B States outside their charges
Deputy Ministers of the Union of India
Attorney General of India
Comptroller and Auditor General of India

19 Chief Justices of high courts
Chairmen of legislative councils in Parts A and B States
Speakers of legislative assemblies in Parts A and B States

20 Chiefs of Staff and Commander in Chief provided they hold the rank of a Lieut-General or an equivalent rank

21 Rulers of Indian States with a salute of 11 or 9 guns

22 Ministers of Parts A and B States

23 Chairman of the Union Public Service Commission
Chief Election Commissioner

24 Puisne judges of high courts

25 Deputy Ministers in Part A States

26 Members of Parliament

27 Officers of the rank of a full General or an equivalent rank
Solicitor General of India
Secretary to the President
Secretaries to the Government of India and Principal Private Secretary to the Prime Minister
Commissioner for Scheduled Castes and Scheduled Tribes
Rehabilitation Adviser
Officiating Chief of Staff and Commanders in Chief holding the rank of a Major General or an equivalent rank
Chief Commissioners of Part C States having Councils of Ministers outside their respective charges
Visiting Ministers Plenipotentiary of India and foreign Ministers Plenipotentiary visiting India
Chairman of the Railway Board
Financial Commissioner for the Railways

27A Chief Ministers of Part C States outside their respective States

27B Speakers of Part C States within and outside their States

27C Ministers of Part C States within and outside their States

28 Members of the Railway Board
Ministers of foreign and Commonwealth missions other than Ministers Plenipotentiary
Officers of the rank of a Lieut General or an equivalent rank

29 Chief Commissioners of Andaman and Nicobar Islands Kutch Tripura and Manipur within their respective charges
Additional Secretaries to the Government of India
President of the Indian Tariff Board
Chairman of the Central Electricity Commission
Chairman of the Central Water power, Irrigation and Navigation Commission
Vice Chairman of the Indian Council of Agricultural Research
Financial Adviser to the Ministry of Finance (Defence)
Chairman of the Central Board of Revenue
P S Os of Armed Forces of the rank of a Major General or an equivalent rank *

30 Chairman of the Public Service Commission of a State
Chief Secretaries to the Governments of Part A States
Financial Commissioners
Members of the Union Public Service Commission
Rear Admiral Commanding of the Indian Naval Squadron
Members of a Board of Revenue

31 Director General of Health Services
Director General of Posts and Telegraphs
Director of the Intelligence Bureau
General Managers of Railways
Establishment Officer to the Government of India
Joint Secretaries to the Government of India (including the Joint Secretary to the Cabinet)
Officers of the rank of a Major General or an equivalent rank
Surveyor General of India
Members of the Indian Tariff Board
Director General of Civil Aviation in India
Surgeons General
Director General of Supplies and Disposals
Director General of Ordnance Factories
Indian Navy Commodores in charge of Naval Ports or Areas
Commander(s) of an I A F Command(s) of the rank of an Air Commodore
P S Os of the Naval and Air Headquarters of Commodore and Air Commodore ranks *
Chief Commissioners of Andaman and Nicobar Islands Kutch Tripura and Manipur outside their respective charges
Director General of All India Radio
Military Secretary to the President (so long as he also holds the post of Director General of the Government Hospitality Organization)
Counsellors of Foreign and Commonwealth Missions in India
Inspectors General of Police in Part A States
Commissioners of Divisions

Note 1 The order in the Warrant of Precedence is meant for state and ceremonial occasions and may not be strictly followed on more informal occasions

Note 2 This Warrant will not affect the precedence enjoyed by rulers etc within Indian States and Part B States by virtue of local usage and custom nor will it affect the local precedence *inter se* of rulers as in force immediately before August 15, 1947

Note 3 Officers in the table of precedence will take rank in order of the number of entries, those included in one number shall take precedence *inter se* according to the date of entry into that number

Note 4 When Members of Parliament are invited *en bloc* to major State functions the enclosure reserved for them should be next to the Ambassadors, the Chief Justice of India, Speaker of Parliament and Governors, etc

Note 5 The Director of Intelligence Bureau will take precedence over Inspectors General of Police irrespective of the date of his entry into Article 31

Note 6 Major Generals irrespective of their date of entry into Article 33 will rank above Indian Navy Commodores in Charge and Indian Air Force Commodores

Note 7 Chief Secretaries to Governments of Part A States will take precedence over Members of a Board of Revenue irrespective of the date of their entry into Article 30

Note 8 For the purposes of the Warrant of Precedence, New Delhi and the Red Fort should be deemed to be outside the State of Delhi

HOLIDAYS FOR 1954

The following is the list of Government of India holidays during 1954 which will be observed by Central Government offices in Delhi

January 1—Bank holiday January 26—Republic Day, March 3—Shivratri March 19 and 20—Holi, April 11—Ram Naumi, April 13—Baisakhi, April 16—Good Friday, May 17—Buddha Purnima, June 3—Id ul Fitr, August 10—Id ul Zuha, August 15—Independence Day, August 21—Janam Ashtami, September 9—Muharram, October 2—Mahatma Gandhi's Birthday, October 5, 6 and 7—Dasara, October 26 and 27—Divali, November 9—Id e Milad, November 10—Guru Nanak's Birthday and December 25—Christmas Day

* Should a P S O hold the rank of a Lieut General, his seniority in the Warrant of Precedence will continue to remain the same as laid down for the officers of the rank of Lieut-General or an equivalent rank ' in Article 29 of the Warrant of Precedence

POPULATION*

THE more important figures are as follows Total population (excluding Jammu and the Part B tribal areas of Assam) 356,879,394, Males 183,333,874, Females 173,545,520

Population of Jammu and Kashmir 4 41 millions (estimate for March 1, 1951), Population of Part B Tribal Areas of Assam 0 56 millions (unverified local estimate)

Indians overseas 4 229,096

Increase over 1941 42,113 014 or a mean decennial growth rate of 12 5 or percentage increase of 13 4 per cent

Highest population Uttar Pradesh (63 215 742) Lowest population (30 971) Average density 312 per square mile Highest density Delhi (over 3 000), Lowest density Andaman and Nicobar (10)

Only two States registered a decline in the mean decennial rate Punjab, (0 5), Andaman and Nicobar Islands (8 6)

The lowest rate of increase was for PEPSU (2 6)

The highest rates of increase were Delhi (62 1), Coorg (30 5)

In the following States the rate of increase was below 10 Bihar Orissa Madhya Pradesh Bhopal Vindhya Pradesh, Himachal Pradesh and PLPSU

Registered birth rate (1941 50) 27 2 Probable birth rate (1941 50) 40 Registered death rate (1941 50) 19 4 Probable death rate (1941 50) 27 Natural increase rate (1941 50) 13 Infant mortality rate (1941 50) 127 1 Life expectancy 32 years and 5 months Life expectancy at the age 10 years 39

Literacy for India for 1951 16 6 Punjab 16 5 Bihar 12 2 Hyderabad 9 Orissa 15 8 M P, 13 5 M B 10 8, PLPSU 12, Rajasthan 8 4 U P 10 8

Number of females to every 1 000 males 947

The number of females exceeds the number of males in the following States Kutch (1 079) Madras (1,006) Manipur (1,036), Orissa (1,022) Travancore Cochin (1 008)

In the following States the number of females is less than 900 for every 1 000 males Assam Coorg PEPSU Punjab West Bengal

In the following States they are the smallest Andaman and Nicobars (625) Delhi (768)

Largest State Madhya Pradesh (130 272 square miles) Smallest State Bilaspur (to be merged with Himachal Pradesh) (458 square miles) Smallest but one Delhi (578 square miles)

Total urban population 62 millions (17 3 per cent) Total rural 295 millions (82 7 per cent) Increase in urban population over 1941 3 5 per cent Highest urbanization Delhi (83 per cent)

Number of cities with a population of one lakh and over 75

Percentage of population dependent on agriculture 70

States in which non agricultural population exceeds agricultural Ajmer Andaman and Nicobars, Delhi, Kutch, Saurashtra

If the population is divided into classes according to livelihood the percentage of each class would be as follows —

Peasant proprietors, 47, Tenants, 9, Land less labourers 13, Landlord or rentier one, Industry or other non agricultural production, 10 Commerce 6, Transport, 2, Services and miscellaneous professions, 12

CENSUS OPERATIONS

The last census were taken at the beginning of 1951 (Feb 9 to Mar 1, 1951)

For the first time the census embraced the whole of India including the former Indian States but excluding Jammu and Kashmir and the tribal areas of Assam Jammu and Kashmir was omitted because of special conditions and the tribal areas of Assam because they had never been enumerated before

One vital difference between the 1951 census and all previous census is that caste and community distinctions do not figure as before except to the extent necessary for the purpose of Article 338 of the Constitution which provides safguards to Scheduled Castes, Scheduled Tribes and Anglo Indians, and of Article 340 which provides for the appointment of a Backward Classes Commission The emphasis is laid on the economic aspects of the situation, such as the principal and subsidiary means of livelihood of the person, whether employer, employee or independent worker and so on

The census questionnaire covered such items as (1) Total population (2) Sex (3) Age, (4) Marital Status (5) Place of Birth, (6) Citizenship or Nationality (7) Mother tongue (8) Educational characteristics (9) Fertility data (10) Economic characteristics (11) Urban and Rural population and (12) Households (including relationship to Household Head)

In addition to the International list of 12 topics the questionnaire asked three questions of which the most important related to displaced persons

Two main and two subsidiary questions in the census questionnaire related to economic status and means of livelihood These questions were Are you a self supporting person or a non earning dependent or an earning dependent? If you are a self supporting person, are you an employer or an employee or an independent worker or none of these? What is the occupation or source of income which forms your principal means of livelihood? Have you a secondary means of livelihood? If so what is it?

The manner of recording agricultural livelihood, was different from that of non agricultural livelihood Instructions were given to classify agriculturists under four heads viz, (1) persons who cultivated land owned by themselves, (2) persons who cultivated land owned by another, (3) persons who were employed as labourers by another person who cultivated land and (4) persons who received rent in cash or kind in respect of land cultivated by another person

These are general questions which were asked all over the country There were also questions confined to particular States For instance questions about unemployment were asked in the following twelve States —U P, Bombay, Punjab, Saurashtra, PLPSU, Mysore, Hyderabad, Delhi, Bilaspur, Himachal Pradesh, Kutch, and Vindhya Pradesh Questions about previous occupation were asked in the 2 States of Madhya Bharat and Bhopal, about area of land owned and cultivated by each household in Orissa, about cultivation of land for which rent is paid in West Bengal, about land owned and rented by indigenous persons in the 3 States of Assam, Tripura and Manipur about infirmities (incidence of diseases) in the 4 States of Madras, Coorg Rajasthan and Ajmer about fertility in the 2 States of Bihar and Madhya Pradesh And about the duration of marriage and size of family in the State of Travancore Cochin

All useful data collected during the census operations will be recorded in a national register Relevant parts of this register will be kept in every tahsil or sub division or ward as a permanent and confidential record of the inhabitants It is also proposed to bring out a census handbook for every district which the State Governments have been requested to publish The State Governments have also been requested to include abstracts from these in school textbooks so that students could learn more about their region than they do at present

GROWTH OF POPULATION

Year	Population (in millions)	Increase (in millions)	Percentage Increase
1951	356 88	42 11	+ 13 4
1941	314 77	39 25	+ 14 3
1931	275 52	27 34	+ 11 0
1921	248 18	—0 87	— 0 3
1911	249 05	13 55	+ 5 8
1901	235 50		

During the twenty years (1931 51) the number added to the population was three times as many as during the ten years (1921 31) and twice as many as during the thirty years (1901 31)

POPULATION BY NATURAL REGIONS

Natural Region	Total Population	Males	Females	1941	Females per 1 000 males (1951)	Mean Decennial Growth Rate (1941-51)
INDIA	356 879,394	183,333,874	173 545,520	314 766 380	947	+ 12 5
1 Himalayan Region	17 042 697	8 982 675	8 060 022	14 827 606	897	+ 13 9
2 Northern Plains Region	139,398,043	73 022 392	66 375 651	125 072,878	909	+10 8
3 Peninsular Hills and Plateau Region	108,598 645	55 111 536	53,487 109	96,220 094	971	+12 1
4 Western Ghats and Coastal Region	39 926 793	20,371 388	19,555 405	32 518 913	960	+ 20 5
5 Eastern Ghats and Coastal Region	51,832 336	25 798 608	26 033 728	46 093 121	1 009	+ 11 7
Andaman and Nicobar Islands	30 971	19 055	11 916	33 768	625	— 8 6

* At the time of preparing the article the census reports were coming out in piecemeal fashion It is possible therefore, that additional information or later figures than those given here may be found in the section entitled Miscellaneous at the end of the volume

Throughout Madras includes Andhra When the census were taken Madras State was not divided

POPULATION BY ZONES AND STATES

Zone and State	Land area in square miles	Total Population	Males	Females	1941	Females per 1 000 males (1951)	Mean Decennial Growth Rate (1941-51) *	Density per square mile
INDIA	1 269 640	356 879 394	183 333 874	173 545 520	314 766 380	947	+ 12 5	303
I—*North India*	113 409	63 215 742	33 098 866	30 116 876	56 531 848	910	+ 11 2	
1 Uttar Pradesh	113 409	63 215 742	33 098 866	30 116 876	56 531 848	910	+ 11 2	558
II—*East India*†	261 657	90 080 297	46 315 658	43 764 639	80 873 038	945	+ 10 8	
1 Bihar	70 330	40 225 947	20 223 675	20 002 272	36 528 119	989	+ 9 6	572
2 Orissa	60 136	14 645 946	7 242 892	7 403 054	13 767 988	1 022	+ 6 2	243
3 West Bengal	30 775	24 810 308	13 345 441	11 464 867	21 837 295	859	+ 12 7	806
4 Assam††	85 012	9 043 707	4 812 166	4 231 541	7 593 037	879	+ 17 4	106
5 Manipur	8 628	577 635	283 685	293 950	512 069	1 036	+ 12 0	67
6 Tripura	4 052	639 029	335 589	303 440	513 010	904	+ 21 9	158
7 Sikkim	2 744	137 725	72 210	65 515	121 520	907	+ 13 3	50
III—*South India*	168 009	75 600 804	37 822 542	37 778 262	64 837 350	999	+ 15 3	
1 Madras	127 790	57 016 002	28 419 003	28 596 999	49 830 749	1 006	+ 13 4	446
2 Mysore	29 489	9 074 972	4 657 409	4 417 563	7 337 818	949	+ 21 2	308
3 Travancore-Cochin	9 144	9 280 423	4 620 803	4 659 622	7 500 057	1 008	+ 21 2	1 015
4 Coorg	1 586	229 405	125 327	104 078	168 726	830	+ 30 3	145
IV—*West India*	149 609	40 661 115	20 982 281	19 678 834	33 249 726	938	+ 20 1	
1 Bombay	111 434	35 956 150	18 614 862	17 341 288	29 181 146	932	+ 20 8	323
2 Saurashtra	21 451	4 137 359	2 094 442	2 042 917	3 560 700	975	+ 16 0	193
3 Kutch	16 724	567 606	294 977	272 629	507 880	1 079	+ 11 1	34
V—*Central India*	289 399	52 267 939	26 497 524	25 770 415	47 257 886	973	+ 10 0	
1 Madhya Pradesh	130 272	21 247 923	10 662 812	10 584 721	19 631 615	993	+ 7 9	163
2 Madhya Bharat	16 478	7 954 154	4 133 079	3 821 079	7 169 880	925	+ 10 4	171
3 Hyderabad	82 168	18 655 108	9 431 062	9 224 046	16 327 119	978	+ 14 3	227
4 Bhopal	6 878	836 474	437 635	398 839	778 623	911	+ 7 2	122
5 Vindhya Pradesh	23 603	3 574 690	1 832 940	1 741 750	3 366 649	950	+ 6 0	151
VI *North West India*	284 342	34 975 597	18 369 728	16 402 869	31 966 764	893	+ 9 0	
1 Rajasthan	130 207	15 290 797	7 961 673	7 329 124	13 300 232	921	+ 14 9	117
2 Punjab	37 378	12 641 205	6 786 934	5 854 271	12 698 603	863	- 0 5	338
3 Patiala and East Punjab States Union	10 078	3 492 685	1 894 844	1,598 841	402 586	844	+ 2 6	347
4 Jammu and Kashmir	92 780							
5 Ajmer	2 417	693 372	360 236	333 136	582 693	925	+ 17 2	287
6 Delhi	578	1 744 072	986 538	757 534	917 939	768	+ 62 1	3 017
7 Bilaspur	463	126 099	64 758	61 341	110 336	948	+ 13 3	278
8 Himachal Pradesh	10 451	983 367	514 760	468 602	917 373	910	+ 3 7	94
Andaman and Nicobar Islands	3 215	30 971	19 035	11 936	33 768	627	- 8 6	10

* The mean decennial rate is based on the mean population of the two censuses and not like the percentage variation on the population according to the earlier census

† Add Chandernagore Total 40 909, Males 28 220 Females 21 689

†† Figures for Part B Tribal areas are not included

For populations of districts see under each State

FUTURE GROWTH

Some calculations have been made about this from 1951 to 1981

The estimate based on the assumption that the mean decennial rate of growth will be the same as that of the average of 1921-50 will be the lower limit and the estimate based on the assumption that the mean decennial rate of growth will be the same as during the last decade will be the upper limit

The figures given below are in millions

	lower limit	upper limit
1951	61 3	61 3
1961	407 7	411 9
1971	458 5	469 7
1981	527 6	552 5

Making allowance for mortality and maternity rates the trends may be estimated as follows The figures are in crores 1951-56 1961-41 1971-46 1981-52

DISPLACED PERSONS* Part 'A' States

Name of State	1951 Census Provisional Totals of Displaced Persons	Displaced Persons according to 1948 and 1949 Censuses	Difference
PART A STATES—			
1 Assam	276 824	114 597	+ 162,227
2 Bihar	78 641	45 041	+ 33 600
3 Bombay	341 081	285,161	+ 55 920
4 Madhya Pradesh	120 886	91 507	+ 29 379
5 Madras	9 926		
6 Orissa	20 926		
7 Punjab	2 468 491	2,465 243	+ 3 248
8 Uttar Pradesh	475 822	412 399	+ 63 423
9 West Bengal	2 117 896	1 094 381	+ 1 023 515
TOTAL PART A STATES	5,910,493	4,508 320	+ 1 371,312

* These are provisional totals and are inclusive of children born to displaced persons after their arrival in India in Uttar Pradesh, Madhya Pradesh Assam Orissa Madras Vindhya Pradesh parts of West Bengal and Bihar Elsewhere they do not include such children

The total number of displaced persons in March 1951 in those areas covered by the 1951 census where no special census of Displaced Persons was taken in 1948 or 1949 is 74,838

Part 'B' States

Name of State	1951 Census Provisional Totals of Displaced Persons	Displaced Persons according to 1948 and 1949 Censuses	Difference
PART B STATES—			
1 Hyderabad	4 036		
2 Jammu and Kashmir	Due to special conditions	prevailing there, no	Census was carried out
3 Madhya Bharat	68 457	59,333	+ 9 124
4 Mysore	7,891		
5 PEPSU	380 159	325 482	+ 54 677
6 Rajasthan	312 742	260 594	+ 52 148 †
7 Saurashtra	60, 525	35,891	+ 24,634
8 Travancore Cochin	304		
TOTAL PART 'B' STATES	834 163	681 300	+ 140 583

Part 'C' States

Name of State	1951 Census Provisional Totals of Displaced Persons	Displaced Persons according to 1948 and 1949 Censuses	Difference
PART C STATES—			
1 Ajmer	71 824	92,799	— 20 975
2 Bhopal	17 933		
3 Bilaspur	187		
4 Coorg	11		
5 Delhi	509 767	377 117	+ 132 650
6 Himachal Pradesh	5 248	5 224	+ 24
7 Kutch	11 991		
8 Manipur	1 200	541	+ 659
9 Tripura	100 251	34 883	+ 65 368
10 Vindhya Pradesh	14 626	12 945	+ 1 681
TOTAL PART C STATES	733 038	523 509	+ 179 407

Part 'D' Territory

Name of State	1951 Census Provisional Totals of Displaced Persons	Displaced Persons according to 1948 and 1949 Censuses	Difference
PART D TERRITORIES AND OTHER AREAS—			
1 Andaman and Nicobar Islands	1 543		
2 Sikkim	39		
TOTAL	1 582		
GRAND TOTAL	7 479 278	5 713 158	+ 1 691 302

FOREIGNERS*

The number of foreigners in India on December 31, 1952 was 77 865 excluding U K and Commonwealth citizens They were distributed *according to nationality as follows* Chinese 23 481 Afghans 7 592, U S nationals, 5,995 Iranians 4 464, Tibetans 19 549 Germans 1 536 French 1,351, Swiss, 768 Dutch, 816, Russians, 424, Belgians, 595 Japanese 632

RELIGIOUS GROUPS

The ratio of each religious group to the total population in the country is as follows (percentage) Hindus 84 99 Muslims 9 93 Christians, 2 30 Sikhs 1 74, Jains 0 45 Buddhists 0 06 Zoroastrians 0 03, Other tribal religions 0 47, other non tribal religions 0 03

The following table shows the position of religious groups in India state wise*

State	Hindus	Sikhs	Jains	Buddhists	Zoroastrians	Muslims	Christians	Jews	Other Tribals	Other Non Tribals
Assam	5 894 733	4 107	4 245	22 675	27	1 996 456	383 399	209	527 712	8 144
Bihar	34 316 416	38 703	8 656	1 168	455	4 564 466	422 030	92	81 434	2 520
Bombay	31 780 614	37 017	572 093	2 395	97 573	2 906 887	523 454	20 135	8 982	5 982
Madhya Pradesh	20 21 1 607	33 306	96 251	2 841	3 066	800 781	88 802	225	1 183	5 378
Madras	49 905 318	2 859	35 778	1 575	2 087	4 528 136	2 431 006	474	11 036	11 056
Orissa	14 318 411	4 163	1 248	969	181	176 338	141 934	72	2 576	54
Punjab†	8 176 430	3 831 983	37 518	1 441	77	229 080	95 293	170	—	631
Uttar Pradesh	53 762 925	197 612	97 744	3 221	1 258	9 028 992	125 876	34	-	80
West Bengal	19 510 660	29 867	19 116	81 589	1 918	4 927 163	175 293	2,619	109 294	2 698
Hyderabad	16 088 905	8 449	30 287	145	1 902	2 206 182	290 973	16	24 503	3 656
Madhya Bharat	7 333 021	12 521	100 234	219	934	496 153	10 947	125	-	—
Mysore	8 177 291	3 247	22 936	1 125	470	698 831	170 909	162	—	1
PEPSU	1 704 349	1 721 945	7 578	219	98	55 915	3 367	9	—	19
Rajasthan	13 862 150	144 233	327 763	41	500	949 345	6 762	—	—	—
Saurashtra	3 587,884	881	123 916	13	560	422 186	1 814	69	—	36
Travancore Cochin	5,587,852	275	354	40	38	721 227	2,968 030	2 288	—	321

* The population of Chandernagore (40 909) is not classified

† Persons whose enumeration records were destroyed by fire—268 602

The following table shows the position State wise —(*Contd*)

State	Hindus	Sikhs	Jains	Buddhists	Zoroastrians	Muslims	Christians	Jews	Other Tribals	Other Non-Tribals
Ajmer	599 524	5 964	32 004	4,319	262	48 886	4 413	—	—	—
Bhopal	700 581	562	5 986	7	55	128 672	812	—	—	—
Coorg	199 469	9	54	16	10	23 062	6 788	—	—	1
Delhi	1,467 854	157 096	20 174	503	164	99 501	18 685	90	—	5
Himachal Pradesh and Bilaspur	1 088 841	5 019	34	2	—	15 253	317	—	—	—
Kutch	393 128	478	62 397	—	49	111 434	117	3	—	—
Manipur	347 329	50	150	33	1	37 197	68 394	—	124,485	—
Tripura	480 662	50	36	15,403	1	136 940	5 262	—	690	—
Vindhya Pradesh	3 485 083	529	11 835	7	13	76 126	1 092	5	—	—
Andaman and Nicobar	9 294	126	1	1 604	2	4,783	9 494	1	20	5 646
Sikkim	97 863	18	19	39 397	—	124	304	—	—	—
Total*	303 186 986	6 219 134	1 618,406	181 767	111,791	35,400,117	8 157,765	26 801	891,935	49 228

* The Census booklets available at the time of preparing the article did not give the all India totals The figures given here are the ones worked out in office by adding the figures for individual States

SCHEDULED CASTES AND TRIBES

Statistics about three Special Groups are given below The Special Groups which are four in number are the Scheduled Castes the Scheduled Tribes the Backward Classes and the Anglo Indians

The main results for the Scheduled Castes and Tribes for the country as a whole are shown in the table below

Groups		Number (in Lakhs)			Number per 1 000 persons		
		Population	Scheduled Castes	Scheduled Tribes	Population	Scheduled Castes	Scheduled Tribes
INDIA	Total	3 567*	513	191	1 000	144	54
	Rural	2 948	462	186	1 000	157	63
	Urban	618	51	5	1 000	83	8
All Agricultural Classes		2 491	381	173	1 000	153	70
All Non Agricultural Classes		1 076	132	18	1,000	123	17
Agricultural Classes							
I Cultivators of land wholly or mainly *owned* and their dependants		1 674	174	125	1 000	104	75
II Cultivators of land wholly or mainly *unowned* and their dependants		316	56	19	1 000	176	59
III Cultivating labourers and their dependants		448	148	28	1 000	330	63
IV *Non* cultivating owners of land, agricultural rent receivers and their dependants		53	3	1	1,000	61	12
Non Agricultural Classes							
Persons (including dependants) who derive their principal means of livelihood from							
V Production other than cultivation		377	53	7	1 000	142	20
VI Commerce		213	9	1	1 000	44	6
VII Transport		56	6	1	1 000	110	11
VIII Other Services and miscellaneous sources		430	64	9	1 000	147	20

* This does not include 1 35 lakhs for whom enumeration records were destroyed by fire in the Census Tabulation Office at Jullundur Classification details for these persons are not available

Also it does not cover Chandernagore or Sikkim

The figures for Scheduled Castes and Tribes for Chandernagore and Sikkim are as follows

State		Castes		Tribes	
		Males	Females	Males	Females
Chandernagore	Total	3,889	1,568	77	62
	Rural				
	Urban	3,889	1,568	77	62
Sikkim	Total	99	13	14,739	14,690
	Rural	40	11	14,140	14 244
	Urban	59	2	599	446

The State wise break up is shown in the following table

State	Scheduled Castes			Scheduled Tribes		
	Total	Agricultural Classes	Non Agricultural Classes	Total	Agricultural Classes	Non Agricultural Classes
INDIA	51,343,898	38,118 959	13,224,939	19,116,498*	17 284 260	1 822,422
Uttar Pradesh	11 479 102	9,011 654	2,467 448	—	—	—
Bihar	5 057 812	4 441 999	615 813	4,049 183	3 808 860	240 323
Orissa	2 630 763	1 925 763	705,000	2 967,334	2 615 289	352 045
West Bengal	4 696 205	3,264 940	1,431,265	1 165,337	921 221	244 116
Assam	424 044	254,926	169,118	1 735 245	1 626 968	108 277
Manipur	—	—	—	194 239	188 532	5,707
Tripura	46 371	30 311	16 060	192 293	180 701	11 592
Madras	8,533 632	6 626 062	1,907,570	633 979*	552 123	83,856
Mysore	1 608 821	1,207 893	400,928	1 > 310	12,062	3 248
Travancore Cochin	870 139	628 999	241 140	26 580	22 791	3 789
Coorg	2 > 690	12 182	13 508	21,084	11 307	9,777
Bombay	3 003 024	1 683 770	1 319 254	3 359,305	2 833 354	525,951
Saurashtra	119 358	17 019	102 339	38,849	16 623	22,226
Kutch	7 450	2 549	4 901	17 002	8 724	8 278
Madhya Pradesh	2 898 968	2 102 831	796 137	2,477 024	2 380 974	96 050
Madhya Bharat	1 323 881	993,166	330 715	1 060 812	1 014,028	46 784
Hyderabad	2 800 184	2 091 050	709 134	354 933	329,817	25 116
Bhopal	129 370	89,517	39,853	59 114	53 332	5 782
Vindhya Pradesh	476 234	403,156	73,078	418,282	391 280	27,002
Rajasthan	1 609 074	1 146,268	462,806	316,348	314 099	2 249
Punjab	2,386 143	1 421,117	965,026	2 429	2,175	254
Patiala & East Punjab States Union	676 502	472,742	203,760	—	—	—
Ajmer	80,974	36 054	44 920	9 816	N A	N A
Delhi	208 612	23 249	185 363	—	—	—
Bilaspur	27 135	23 529	3 606	—	—	—
Himachal Pradesh	224 610	208 413	16,197	—	—	—

* The figures include about 5 000 persons in Madras district who returned themselves as Harijans but were misclassified as Scheduled Tribes

ANGLO-INDIANS

The following table shows the position about Anglo Indians

Zone and State	Persons	Males	Females
INDIA	111 637	54 563	57,074
Uttar Pradesh	6 543	3 488	2 955
Bihar	4 596	2 921	1 675
Orissa	485	296	189
West Bengal	31 616	14 421	17,195
Chandernagore	89	—	89
Assam	1 055	475	580
Manipur	—	—	—
Tripura	94	52	42
Sikkim	—	—	—
Madras	27 253	14 251	13,002
Mysore	10 659	4 021	6,638
Travancore Cochin	11 990	6,012	5 978
Coorg	41	22	19
Bombay	7 327	3 550	3,777
Saurashtra	58	56	2
Kutch	—	—	—
Madhya Pradesh	2,634	1 593	1,041
Madhya Bharat	186	126	60
Hyderabad	3 919	1 881	2 038
Bhopal	18	18	—
Vindhya Pradesh	240	124	116
Rajasthan	740	390	350
Punjab	935	551	384
Patiala & East Punjab States Union	239	115	124
Ajmer	298	156	142
Delhi	812	142	670
Bilaspur	4	1	3
Himachal Pradesh	6	1	5
Andaman and Nicobar Islands	—	—	—

RURAL AND URBAN POPULATION *

State	Total	Rural	Urban	Percentage of Rural	Percentage of Urban
INDIA	356 879 394	295 004 271	61 875 123	83	17
Part A States	278 802 540	232 678 014	46 124 526		
Assam	9 043 707	8 620 289	414 418	95	5
Bihar	40 225 947	37 521 216	2 704 731	93	7
Bombay	35 956 150	24 785 810	11,170 340	69	31
Madhya Pradesh	21 247 533	18 370 194	2 877 339	86	14
Madras	57 016 002	45 832 268	11,183 734	84	16
Orissa	14 645,946	14 051 876	594 070	96	4
Punjab	12 641 205	10 240 273	2,400 932	81	19
Uttar Pradesh	63 215 742	54 590 043	8 625 699	86	14
West Bengal	24 810 308	18 657 045	6 153 263	76	24
Part B States	67 886 500	54 594 053	13,292 447		
Hyderabad	18 655 108	15 178 949	3 476 159	81	19
Madhya Bharat	7 954 154	6 512 927	1 441,231	82	18
Mysore	9 074 972	6 896 245	2,178,727	76	24
Patiala and East Punjab States Union	3 493 685	2 828 175	665 510	81	19
Rajasthan	15 290 797	12 641 430	2 649 367	83	17
Saurashtra	4 147 359	2 744 198	1 393 161	66	34
Travancore Cochin	9 280 425	7 792 133	1 488 292	84	16
Part C States	9 971 749	7 574 266	2 397 483		
Ajmer	693 372	395 608	297,764	57	43
Bhopal	836 474	700 411	136 063	84	16
Bilaspur	126 099	122 354	3 745	97	3
Coorg	229 405	213 150	16 255	93	7
Delhi	1 744 072	306 938	1 437 134	17	83
Himachal Pradesh	983 767	941 966	41 401	96	4
Kutch	567 606	453 852	113 754	80	20
Manipur	577 635	574 773	2 862	99	1
Tripura	639 029	596 434	42 595	93	7
Vindhya Pradesh	3 574 600	3 268 780	305 910	91	9
Part D Territories and other areas	168 606	157 938	10 758		
Andaman and Nicobar Islands	30 971	22 957	8 014	74	26
Sikkim	137 725	134 981	2 744	98	2
Chandernagore	49 909	—	49 909	0	100

* It should be pointed out here that whether an area is urban or rural depends on a number of factors of which population is only one. Also these factors vary from State to State.

The population of villages and towns respectively grew as follows from 1921 to 1951 (figures in lakhs)

Year	Villages	Towns	Rate of Growth: Villages	Rate of Growth: Towns
1921	2,199	282	—	—
1931	2 420	334	+10 1	+18 4
1941	2 710	438	+12 0	+31 1
1951	2 960	619	+9 2	+41 3

The population of the 10 largest cities has grown as follows (figures in lakhs)

City	1951	Additions to Population: 1941–50	1931–40	1901–30
Calcutta	45 8	—	—	6 0
Bombay	28 4	11 4	7 0	4 6
Madras	14 2	6 4	1 3	1 1
Delhi	13 8	7 2	2 2	2 3
Hyderabad	10 9	3 5	2 7	0 2
Ahmedabad	7 9	2 0	2 8	1 3
Bangalore	7 8	3 7	1 0	1 5
Kanpur	7 1	2 2	2 4	0 4
Poona	5 9	2 4	0 8	0 9
Lucknow	5 0	1 1	1 1	0 2

HOUSES AND POPULATION

Zone	Area in sq. miles	Villages	Towns	Occupied Houses: Total	Rural	Urban
*INDIA	1 176 864	558 089	3 018	64 361 676	54 036 388	10 305 288
North India	113 409	111 722	486	10 408 914	9 073 985	1 334 959
East India	261 664	185 319	298	17 285 005	15 255 491	2 029 514
South India	168 009	57 758	683	13 387,542	11 251 393	2 136 149
West India	149 603	29 533	594	7,248 611	5 056 813	2 191 798
Central India	289 399	102 062	517	10 145 228	8 720 099	1 425 129
North West India	191 062	61 494	440	5 881 046	4,695 199	1 185 847
Andaman and Nicobar Islands	*2 215*	*201*		*5 300*	*3 408*	*1 892*

* Area (92 780 sq. miles) and population of the State of Jammu and Kashmir and population of Part B Tribal Areas of Assam not included.

No OF TOWNS AND VILLAGES

Zone	Total number of inhabited towns and villages	Total Population
INDIA	561 107	356 879 394
North India	112 208	63 215 742
East India	185 617	90 130 206
South India	58 441	75 600 804
West India	40 127	40 661 115
Central India	102 579	52 267,959
North West India	61 934	34 972 597
Andaman and Nicobar Islands	*201*	*30 971*

TOWNS AND VILLAGES WITH POPULATIONS 500 TO 100,000

Size	Number	Males	Females
Less than 500	380 020	39 956 302	38 391,385
500 – 1 000	104 268	37 162 941	35 757 819
1 000 – 2 000	51 769	36 194 476	34 962,006
2 000 – 5 000	20 508	30 023 792	29 085 181
5 000 – 10 000	3 101	10 540 836	10,212 900
10 000—20,000	856	6 016 525	5 664 243
20 000– 50 000	401	6 240 152	5 563,895
50,000—100 000	111	4 020 609	3,534,715

There can be a four fold classification of towns cities (population of one lakh and over) major towns (population 20 000 to one lakh) minor towns (population 5 000 to 20,000), townships (under 5 000)

The average number of villagers per village is 529

The percentage of rural population living in small villages (under 500) is 26 ; in medium sized villages (500-2,000) is 48 8 in large villages (2 000-5 000) is 19 4 in very large villages (over 5,000) is 5 3

A house is a building in which people live A household is a group of people who live together and take their food from a common kitchen

There are 112 households in every 100 houses of a typical Indian village and 124 households in every 100 houses of a typical Indian town

In every 100 households in a village there are 491 persons in every hundred households in the town the number is 471

In every 100 houses in a village 560 people live in every 100 houses of a town 584

Out of 491 people in every 100 rural households 252 are males and 239 are females Out of 471 people in every 100 urban households 248 are males and 223 are females

We can have a four fold classification of households—small household (3 persons or less) medium (4 5 or 6), large (7 8 or 9), very large (10 or more)

The number of different types in 100 households in a typical village and a typical town will be as follows

	Village	Town
Small	33	38
Medium	44	41
Large	17	16
Very large	6	5

The pattern of household relationship in a 100 households with 487 persons in them will be as follows

	Number
Heads of households	100
Wives of heads	71
Sons of heads	108
Daughters of heads	81
Male relatives other than sons	48
Female relatives other than daughters	72
Persons unrelated to heads	7
Total	487

POPULATION OF CITIES

State and City	1951	1941	Mean Decennial Growth Rate (1941-51)
INDIA	24,126,092	16,733,088	+ 36 2
Part A States	18,286,425	13,063,260	+ 33 3
Bihar	856,720	622,849	+ 31 6
1 Patna	283,479	196,415	+ 36 3
2 Jamshedpur	218,162	163,393	+ 27 5
3 Gaya	133,700	108,223	+ 23 8
4 Bhagalpur*	114,530	92,254	+ 20 5
5 Ranchi*	106,849	62,562	+ 52 3
Bombay	5,075,668	3,281,579	+ 42 9
1 Bombay	2,839,270	1,695,168	+ 50 5
2 Ahmedabad	788,333	591,267	+ 28 6
3 Poona	480,982	278,165	+ 55 4
4 Sholapur	266,050	203,691	+ 26 6
5 Surat	255,182	171,443	+ 26 2
6 Baroda	211,407	163,301	+ 31 9
7 Kolhapur*	136,835	93,032	+ 38 1
8 Hubli*	129,609	95,512	+ 30 5
Madhya Pradesh	706,097	480,296	+ 38 1
1 Nagpur	449,099	301,957	+ 39 2
2 Jabalpur	256,998	178,339	+ 36 1
Madras†	3,379,130	2,098,456	+ 46 5
1 Madras	1,416,056	777,481	+ 58 2
2 Madurai	361,781	239,144	+ 40 5
3 Tiruchirapalli	218,921	139,566	+ 21 4
4 Salem	202,337	129,702	+ 43 5
5 Coimbatore	197,753	130,348	+ 41 1
6 Vijayawada*	161,198	86,184	+ 60 6
7 Kozhikode	158,724	126,352	+ 22 7
8 Guntur*	129,259	83,599	+ 39 9
9 Mangalore*	117,083	81,069	+ 36 3
10 Vishakapatnam*	108,042	70,243	+ 42 4
11 Vellore*	106,024	71,502	+ 38 9
12 Rajahmundry*	105,276	74,564	+ 34 2
13 Tanjore*	100,680	68,702	+ 37 5
Orissa	102,505	74,291	+ 31 0
1 Cuttack*	102,505	74,291	31 0
Punjab	648,368	637,932	+ 1 6
1 Amritsar	325,747	391,010	— 18 2
2 Jullundur	168,816	137,283	+ 22 1
3 Ludhiana	153,795	111,639	+ 31 8
Uttar Pradesh	3,908,056	2,968,166	+ 27 3
1 Kanpur	705,383	487,324	+ 36 6
2 Lucknow	496,861	387,177	+ 24 8
3 Agra	375,665	284,149	+ 27 7
4 Banaras	355,777	263,100	+ 30 0
5 Allahabad	332,295	260,630	+ 24 2
6 Meerut	233,183	169,290	+ 31 8
7 Bareilly	208,083	192,688	+ 7 7
8 Moradabad	181,854	142,414	+ 12 8
9 Saharanpur	148,435	108,263	+ 31 3
Uttar Pradesh —contd			
10 Dehra Dun*	144,216	78,258	+ 59 3
11 Aligarh	141,618	112,655	+ 22 8
12 Rampur*	134,277	89,322	+ 40 2
13 Gorakhpur*	132,436	98,977	+ 28 9
14 Jhansi	127,867	105,254	+ 20 9
15 Mathura*	105,773	80,532	+ 27 1
16 Shahjahanpur	104,839	110,163	— 5 0
West Bengal	3,609,891	2,899,673	+ 24 8
1 Calcutta	2,548,677	2,108,891	+ 18 9
2 Howrah	423,630	379,292	+ 13 4
3 Tollygunj*	149,817	58,594	+ 87 5
4 Bhatpara	134,916	117,044	+ 14 2
5 Kharagpur*	129,636	87,185	+ 39 2
6 Garden Reach*	109,160	85,188	+ 24 7
7 South Suburban (Behala)*	104,055	63,479	+ 48 4
Part B States	4,350,097	2,831,778	+ 42 3
Hyderabad	1,218,852	831,967	+ 37 7
1 Hyderabad	1,085,722	739,159	+ 38 0
2 Warangal*	133,130	92,808	+ 35 7
Madhya Bharat	682,253	467,459	+ 37 4
1 Indore	310,839	203,695	+ 41 7
2 Gwalior	241,577	188,492	+ 27 9
3 Ujjain*	129,817	81,272	+ 46 0
Mysore	1,182,384	691,159	+ 52 4
1 Bangalore	778,977	406,760	+ 62 8
2 Mysore	244,323	150,540	+ 47 5
3 Kolar Gold Fields	159,084	133,859	+ 17 2
Rajasthan	588,960	429,878	+ 31 2
1 Jaipur	291,130	175,510	+ 49 4
2 Jodhpur	180,717	126,842	+ 35 0
3 Bikaner	117,113	127,226	— 8 5
Saurashtra	374,439	226,617	+ 49 2
1 Bhavnagar	137,951	102,801	+ 29 2
2 Rajkot*	132,069	52,178	+ 86 7
3 Jamnagar*	104,419	71,588	+ 37 3
Travancore-Cochin	303,209	184,698	+ 48 6
1 Trivandrum	186,931	128,365	+ 37 5
2 Alleppey*	116,278	56,333	+ 69 5
Part C States	1,490,070	838,068	+ 56 0
Ajmer	196,633	147,258	+ 28 7
*Bhopal**	102,333	75,228	+ 30 5
Delhi	1,191,104	615,582	+ 63 7
1 Delhi	914,790	521,849	+ 54 7
2 New Delhi*	276,314	93,733	+ 98 7

* These towns have been treated as cities for the first time

† The following cities are now in Andhra Vijayawada Guntur Vishakapatnam and Rajahmundry

TOWNS WITH THEIR POPULATIONS

Uttar Pradesh

(50 000—100,000)—15 Towns

Name of Town	Persons
Shahjahanpur	98 949
Mathura	98 552
Mirzapur	86 528
Faizabad	76 582
Meerut Cantonment	74 776
Farrukhabad	74 205
Firozabad	67 138
Muzaffarnagar	64 213
Sambhal	61 429
Etawah	59 986
Amroha	59 105
Hathras	56 619
Hardwar	56 175
Budaun	53 521
Jaunpur	52 351

(20,000—50,000)—47 Towns

Hapur	49 260
Pilibhit	46 229
Kanpur Cantonment	45 158
Bidhauli	44 741
Sitapur	44 397
Ghaziabad	43 745
Agra Cantonment	42 136
Khurja	38 462
Bulandshahr	37 496
Lucknow Cantonment	37 277
Chandausi	36 659
Maunath Bhanjan	34 807
Ghazipur	35 498
Basti	33 203
Gonda	32 566
Kasganj	31 594
Bijnor	30 646
Ballia	30 635
Banda	30 327
Hardoi	29 881
Najibabad	29 762
Jhansi	29 298
Nagina	27 947
Dehra Dun Cantonment	27 812
Azamgarh	26 632
Deoband	25 906
Unnao	25 240
Haldwani	25 065
Lakhimpur	25 055
Rae Bareli	24 928
Shahabad	24 627
Fatehpur	24 301
Sikandrabad	24 080
Roorkee	23 239
Kairana	23 163
Kannauj	23 138
Balrampur	23 088
Mainpuri	22 932
Nawabganj	22 886
Vrinda Ban	22,119
Orai	21 258
Tilhar	21 203
Sahaswan	21 107
Lalitpur	20 795
Konch	20 732
Deoria	20 156
Allahabad Cantonment	20,036

Bihar

(50 000—100 000)—6 Towns

Darbhanga	84 816
Monghyr	74 348
Muzaffarpur	73 594
Chapra	64 309
Arrah	64 205
Bihar	63 124

(20 000—50 000)—20 Towns

Jamalpur	44 172
Dinapore	42 684
Katihar	42 365
Purulia	41 461
Bettiah	35 634
Dhanbad	34 077
Hazari Bagh	33 812
Barh	29 808
Sasaram	29 265
Giridih	29 167
Jharia	26 480
Sahibganj	25,669
Deoghar	25 510
Hajipur	25,149
Purnea	25 060
Dehri	24 496
Motihari	24 489
Madhubani	23 283
Siwan	22 625
Barhi (Admn Committee)	20 752

Orissa

(50 000—100 000)—1 Town

Berhampur	62 343

(20 000—50 000)—5 Towns

Puri	49 057
Sambalpur	23 525
Balasore	22 851
Parlakimedi	22 270
Jeypore	20 362

West Bengal

(50 000—100 000)—14 Towns

Kamarhati	77 251
Baranagar	77 126
Asansol	76 277
Burdwan	75 376
Serampur	74 324
Titaghar	71 622
Bally	63 138
South Dum Dum	61 391
Hooghly-Chinsura	56 805
Kanchrapara	56 668
Nabadwip	56 298
Berhampur Town	55 613
Naihati	55 313
Krishnagar	50,042

(20,000—50 000)—27 Towns

Panihati	49 514
Bankura	49 369
Midnapur	45 476
Barrackpur	42 639
Santipur	42 413
Jalpaiguri	41 259
Bhadreswar	36 292
Basirhat	34 823
Halishar	34 666
Darjeeling	33 605
Cooch Behar	33 242
Siliguri	32 480
Budge Budge	32 196
North Barrackpur	32 173
Champdany	31 943
Kulti (Non Municipal)	31 363
English Bazar	30 665
Bansberia	30 622
Garulia	28 304
Ranaghat	28 064
Rishra	27 465
Raniganj	25 939
Alipur Duar (Non Municipal)	24 886
Baidyabati	24 883
Vishnupur	23 981
Bongaon (Non Municipal)	23 364
Konnagar	20 233

Chandernagore

(20 000—50,000)—1 Town

Chandernagore	49,909

Assam

(50,000—100,000)—1 Town

Shillong	53,756

(20,000—50,000)—6 Towns

Gauhati	43,615
Dibrugarh	37 991
Silchar	34 059
Nowgong	28 257
Dhubri	22,787
Barpeta	21 137
Agartala	42 595

Tripura

(20,000—50,000)—1 Town

Madras*

(50,000—100 000)—20 Towns

Kakinada†	99 952
Tuticorin	98 866
Kumbakonam	91,643
Eluru†	87 213
Kancheepuram	84 810
Nellore†	81 480
Dindigul	78 361
Masulipatnam†	77 953
Tirunelveli	73 476
Bellary††	70 322
Palghat	69 504
Cuddalore	69 084
Vizianagram†	67 104
Rajapalayam	66 861
Kurnool†	60 222
Tenali†	58 116
Nagapattinam	57 894
Erode	57 576
Adoni†	53 583
Tiruppur	52 479

(20,000—50,000)—92 Towns

Aruppukottai	48 554
Virudhunagar	46 309
Gudiyatham	45 667
Pudukottai	44 527
Mayuram	43 436
Cannanore	42 431
Karur	42 155
Pollachi	41 744
Ootacamund	41 370
Tiruvannamalai	40 718
Srivilliputtur	40 436
Anakapalle†	40 102
Tellicherry	40 040
Palayamcottai	40 010
Ambur	39 942
Chittoor†	38 894
Vaniyambadi	38 712
Karaikudi	38 453
Kadayanallur (P)	38 060
Chirala†	37 729
Melapalayam	37 693
Cuddapah†	37 438
Srirangam	36 702
Proddatur†	36 624
Bodinayakanur	35 912
Villupuram	35 684
Chidambaram	34 732
Palani	34 486
Nandyal†	33 344
Anantapur†	31 952
Gudivada†	31 842
Guntakal†	31,341
Tenkasi (P)	31 074
Periyakulam	31 000
Bhimavaram†	30 928
Gobichettipalayam	30 354
Cochin	29 881
Mannargudi	29,860
Tindivanam	29 051
Vikramasingapuram (P)	29 361
Panthalayini (P)	29 001
Samalkot (P)†	28 180
Ongole†	27,810
Pulliyangudi (P)	27 619
Mettupalayam	27 516
Tiruvarur	27 251
Tirupattur	27,003
Mettur (Township)	27 002
Combum (P)	26 908
Kovilpatti (P)	26,018
Devakottai	25 989
Tirupathi†	25,207
Arni (P)	24 567
Hindupur†	24,438
Salur†	24 405
Srikakulam (M)†	24 212
Dharapuram	24,163
Dharamapuri (P)	24 094
Ramanathapuram (P)	24 053
Coonoor	24,902

* Includes towns in Andhra

† Town in Andhra

†† Town in Mysore

(20,000—50,000)—92 Towns—*Contd*

Name of Town	Persons
Ponnani (P)	23 606
Edapapdi (P)*	23 437
Peddapuram*	23 360
Udumalpet	23 309
Basipuram	23 125
Bobbili (P)*	23 102
Palacole*	23 037
Arkonam (P)	23 032
Attur (P)	22 844
Bapatla (P)*	22,748
Kasargod (P)	22 708
Ottapalam (P)	22 695
Sivakasi	22 674
Chingleput	22 660
Tiruvattiyur (P)	22 393
Parmakudi (P)	22 257
Narasaraopet*	22 243
Pithapuram (P)*	22 040
Sankarankoyilmarkoil (P)	21 904
Arcot (P)	21 124
Amalapuram*	21 117
Parvatipuram (P)*	21 099
Narasapur (P)*	20 999
Badagara (P)	20 964
Nellikuppam (P)	20 695
Poonamallee (P)	20 677
Kurichi (P)	20 579
Udipi	20 451
Ambasamudram (P)	20 356
Kadiri (P)*	20 334
Gudur (P)*	20 058
Kallidaikurichi (P)	20 019

Mysore

(50,000—100,000) 1 Town

Davangere	56,018

(20,000—50,000)—11 Towns

Shimoga	46 524
Bhadravati	42 451
Hospet	38 651
Tumkur	35 999
Kolar	27 176
Chitaldrug	25 081
Hassan	24 869
Channapatna	24 041
Chikmagalur	21 744
Mandya	21 158
Chikballapur	20 219

Travancore-Cochin

(50,000—100,000) 5 Towns

Nagercoil	79 284
Mattancheri	73 904
Trichur	69 515
Quilon	66 126
Ernakulam	62 283

(20,000—50,000)—4 Towns

Kottayam	44 204
Changanachery	36 289
Chittur Thathamangalam	23 746
Thiruvalla	20,709

Bombay

(50,000—100,000)—17 Towns

Nasik	97,042
Belgaum	85 988
Ahmednagar	80 873
Ulhasnagar (Camp)	80 861
Dhulia	76 880
Jalgaon	68,412
Dharwar	66 571
Bijapur	65 734
Gadag	65 509
Broach	62 720
Nadiad	62 645
Poona Cantonment	59 011
Kalyan	58 900
Malegaon	55,022
Bhusawal	54 346
Sangli	50 287
Thana	50,155

(20,000—50,000)—30 Towns

Kirkee Cantonment	48,552
Malad	45,134
Navsari	44,663
Amalner	44 646
Patan	43 044
Dohad	42,006
Barsi	41 849
Satara	38 521
Pandharpur	40 514
Godhra	40 476
Miraj	40 224
Cambay	39 038
Bagal Kot	32 285
Chalisgaon	30 345
Nandurbar	30 144
Malvan	29 851
Pethad	29 667
Amreli	27 826
Virangam	27 435
Ichalkaranji	27,423
Mulund	27 148
Ratnagiri	27 082
Deolali Cantonment	27 075
Deolali (Non Cantonment Area)	26,855
Anand	25 767
Bhiwandi	25 764
Karad	25 721
Bulsar	25 440
Sidhpur	25 410
Ranebennur	25 252
Dabhoi	24 932
Ahmednagar Cantonment	24 402
Nipani	24,325
Chopda	22 832
Mehsana	22 804
Vengurla	22 778
Palanpur	22 629
Kalol	22 432
Kapadwanj	22 319
Gulbarga	21 972
Ambarnath	21 498
Yeola	21 378
Dharangaon	21 186
Visnagar	21 093
Jamkhandi	20 865
Ilkal	20 747
Borsad	20 637
Kadi	20 373
Akluj	20 202
Dholka	20,042

Saurashtra

(50,000—100,000)—2 Towns

Junagadh	62 730
Porbunder	58 824

(20,000—50,000)—13 Towns

Dhoraji	43 787
Morvi	40 722
Veraval	40 378
Gondal	37 046
Surendranagar	34 254
Jetpur	28 444
Mahuva	26 718
Dhrangadhra	25 729
Palitana	24 097
Wadhwan	23 381
Upleta	22 736
Kundla	22 413
Mangrol	20 085

Kutch

(20,000—50,000)—2 Towns

Bhuj	30 985
Mandvi	29,305

Madhya Pradesh

(50,000—100,000)—6 Towns

Raipur	89,804
Akola	89,606
Amravati	87,099
Burhanpur	70,066
Sagar	66,442
Khandwa	51,940

(20,000—50,000)—23 Towns

Chanda	40,744
Wardha	39,827
Bilaspur	39,099
Damoh	36 964
Khamgaon	36 734
Gondia	36 686
Yeotmal	35 980
Achalpur	35 712
Jabalpur Cantonment	34 225
Murwara	33 848
Hinganghat	32 868
Kamptee	31 298
Raigarh	29 684
Chhindwara	27 652
Seoni	25 024
Mul lapur	24 941
Harsi	24 795
Akot	24 255
Rajnandgaon	23 500
Bhandara	22 640
Karanja	22 098
Badnera	21 258
Durg	20 249

Madhya Bharat

(50,000—100,000)—1 Town

Ratlam	63 403

(20,000—50,000)—8 Towns

Mhow Cantonment	44 655
Mandsaur	34 541
Jaora	29 508
Dewas	27 879
Dhar	23 652
Goona	22 221
Shivpuri	21,887
Khargone	20,762

Hyderabad

(50,000—100,000)—7 Towns

Gulbarga	77 189
Aurangabad	66,636
Nanded	65 024
Jalna	58 478
Nizamabad	55,195
Raichur	54 032
Kothagudem	50 195

(20,000—50,000)—13 Towns

Latur	35,374
Parbhani	33 446
Bidar	31 341
Khammam	28,251
Bhir	26,638
Mahbubnagar	23 827
Karimnagar	23 826
Bodhan	22 491
Nalgonda	22,183
Yadgir	22 039
Hingoli	21 214
Tagtiyal	21 046
Narayanpet	20,707

Bhopal

(20,000—50,000)—1 Town

Schore	20 879

Vindhya Pradesh

(20,000—50,000)—3 Towns

Rewa	29 623
Datia	26 447
Satna	20 183

Rajasthan

(50,000—100,000)—3 Towns

Udaipur	89 621
Kotah	65,107
Alwar	57,868

(20,000—50,000)—19 Towns

Sikar	44,140
Tonk	42 833
Churu	40 047

* Town in Andhra

(20 000 — 50 000) 19 Towns — *Contd*

Name of Town	Persons
Bharatpur	37 321
Ganganagar	36 437
Bhilwara	29 668
Ratangarh	27 431
Fatehpur	26 751
Nawalgarh	26 679
Sardar Shahr	26 668
Sujan Garh	26 296
Kishan Garh	25 696
Pali	24 100
Bundi	22 697
Jadnun	20 914
Barmer	20 812
Dholpur	20 651
Jhunjhunu	20 637
Baran	20 419

Punjab

(50 000 — 100 000) 7 Towns

Ambala Cantonment	94 043
Rohtak	71 902
Karnal	57 906
Batala	55 850
Jampet	54 981
Ambala	52 686
Phillaur	52 185

(20 000 — 50 000) — 20 Towns

Name of Town	Persons
Simla	46 150
Hoshiarpur	45 291
Ferozepur	40 703
Ferozepur Cantonment	38 784
Moga	36 598
Hissar	35 297
Rewari	34 082
Jullundur Cantonment	33 174
Sonepat	30 189
Fazilka	29 934
Hansi	29 847
Kaithal	29 752
Abohar	29 476
Sirsa	28 980
Jagraon	24 519
Jagadhri	24 343
Faridabad Town Imp	23 125
Pathankot	23 108
Gurdaspur	22 677
Muktsar	22 097

Patiala & East Punjab States Union

(20 000 — 50 000) 6 Towns

Bhatinda	44 011
Malerkotla	29 [illegible]

Name of Town	Persons
Kapurthala	28 047
Nabha	25 676
Rajpura (Small Town Committee)	23 310
Phagwara	21,866

Ajmer

(50 000 — 100 000) — 1 Town

Beawar	51 054

(20 000 — 50 000) — 1 Town

Nasirabad	24 504

Delhi

(50 000 — 100 000) — 2 Towns

Delhi Civil Lines (N A C)	83 273
West Delhi (N A C)	58 862

(20 000 — 50 000) — 2 Towns

Delhi Cantonment	40 950
Shahdara	30 802

N A C Notified Area Committee

T Panchayat

The rest of the towns listed have municipalities

LIVELIHOOD CATEGORIES AND CLASSES

Zone and State	Population	Agricultural	Percentage of total population	Non Agricultural	Percentage of total population
INDIA	356,879,394	249,122,449*	70*	107,571,940*	30*
I — North India					
1 Uttar Pradesh	63,21,742	46,806,671	74	16,719,071	26
	63,21,742	46,806,671		16,719,071	
II — East India					
1 Bihar	40,080,297	28,140,837		11,939,460	
2 Orissa	14,645,947	4,611,234	86	2,614,643	14
3 West Bengal	24,810,508	11,612,768	79	13,197,740	21
4 Assam	9,041,707	6,672,961	74	2,368,746	26
5 Manipur	577,629	482,017	83	95,612	17
6 Tripura	639,029	480,884	75	158,145	25
7 Sikkim	137,725	126,164	92	11,561	8
III — South India					
1 Madras	57,600,804	48,587,786		9,013,018	
2 Mysore	29,016,002	25,021,790	86	3,994,212	14
Travancore Cochin	9,074,972	6,743,760	74	2,331,212	26
4 Coorg	9,280,425	5,090,306	55	4,190,119	45
	229,405	152,270	66	97,075	34
IV — West India					
1 Bombay	40,661,115	24,267,994		16,393,121	
2 Saurashtra	29,956,150	22,098,293	61	13,857,857	39
Kutch	4,157,550	1,929,120	47	2,228,230	53
	567,606	238,581	42	329,025	58
V — Central India					
1 Madhya Pradesh	25,267,959	18,270,803		17,997,156	
2 Madhya Bharat	21,247,233	16,148,879	76	5,098,654	24
Hyderabad	7,954,154	5,744,406	72	2,209,748	28
4 Bhopal	18,655,408	12,714,824	68	5,940,284	32
5 Vindhya Pradesh	836,474	548,330	66	288,144	34
	3,574,690	3,114,364	87	460,326	13
VI — North West India					
1 Rajasthan	34,837,501	22,955,947		11,881,554	
2 Punjab	15,290,797	10,836,939	71	4,453,858	29
3 Patiala and East Punjab States Union	12,506,109	8,068,597	64	4,437,512	36
4 Ajmer	3,493,684	2,534,684	73	959,001	27
5 Delhi	693,372	314,905	45	378,467	55
6 Himachal Pradesh	1,744,072	172,186	10	1,571,886	90
7 Bilaspur	126,099	114,398	90	11,701	10
	983,367	914,238	93	69,129	7
Andaman and Nicobar Islands	30,971	4,411	14	26,560	86

* Chandernagore with a population of 19,909 is not included in this classification The population, it may be mentioned, is wholly urban

AGRICULTURAL CATEGORIES

Zone and State	Cultivators of land wholly or mainly owned and their dependents		Cultivators of land wholly or mainly unowned and their dependents		Cultivating labourers and their dependents		Non cultivating owners of land Agricultural rent receivers and their dependents	
	Males	Females	Males	Females	Males	Females	Males	Females
INDIA	85 115 449	82 231 052	16 256 195	15 383 524	22,395,852	22 416 076	2 438 190	2 886 111
I — North India	20 371 406	18 989 629	1 710 939	1 544 876	1 908 442	1 70 767	304 286	363 326
1 Uttar Pradesh	20,371,406	18,989 629	1 710 939	1 544 876	1 908 442	1 703 767	304 286	363 326
II — East India	22 674 108	22 455 759	4 302 662	4 156 499	6 911 673	6 919 187	341 059	379 910
1 Bihar	11 108 039	11 134 447	1 666 358	1 661 319	4 294 938	4 300 264	1 0 821	126 068
2 Orissa	4 508 503	4 410 317	437 779	431 972	903 050	900 918	95 971	127,856
3 West Bengal	4 066 898	3 936 859	1 521 532	1 458 870	1 603 680	1,436 201	75 093	74 028
4 Assam	2 728 883	2 506 906	614 990	543 264	90 098	67 249	38 74	45 250
5 Manipur	206 432	204 9 0	27 915	29 823	701	680	3 165	6 471
6 Tripura	196 599	185 548	29 732	26 198	17 104	15 782	3 588	6 330
7 Sikkim	58,950	56 352	3 356	5 053	102	97	24	27
III South India	13 851 489	13 629 350	3 208 614	3 270 241	6 288 063	6 617 152	718 177	904 402
1 Madras	10 075 503	9 890 497	2 740 126	2 724 155	5,026 611	5,366,751	547 429	690 742
2 Mysore	2 566 814	2 463 353	223 960	208 450	319 229	296 624	117 652	144 673
3 Travancore Cochin	1 209 905	1 234 609	32 307	326 603	927 974	943 793	49 789	65 130
4 Coorg	39 247	38 291	12 023	11 048	14 249	10 284	3 331	867
IV — West India	8 126 228	8 0 6 346	1 968 570	1 920 941	1 732 685	1 692 341	298 606	453 077
1 Bombay	7 257 679	7 291 206	1 758 253	1 726 763	1 640 920	1 611 626	221 078	390 764
2 Saurashtra	690 917	664 687	177 993	167 163	83 356	72 024	53 846	58 962
3 Kutch	77,632	80 653	27 322	27 015	8,209	8 686	3 682	3 351
V — Central India	12 482 061	12,285 400	1 769 793	1 637 436	4,071,624	4 610 286	408 583	483 613
1 Madhya Pradesh	3 206 144	3 012 984	482 496	467 266	2 165 857	2 170 424	152 513	191 893
2 Madhya Bharat	2 076 284	1 927 087	427 912	384 564	420 131	428 487	54 269	87 672
3 Hyderabad	3 885 624	3 802 003	711 816	666 118	1,389 615	1 610 158	207 717	241 773
4 Bhopal	162 580	148 338	31 710	27 949	83 152	84 273	3 006	3 102
5 Vindhya Pradesh	1 151 429	1 086 774	115 859	111 356	31,869	316 944	9 280	9 673
VI — North West India	7 607 980	6 832 472	3 200 353	2 833 463	983,280	872 997	307 476	317 754
1 Rajasthan	3 406 715	3 106 177	1 847 022	1 662 761	238,254	236 742	117 176	127 102
2 Punjab	2 366 061	2 226 115	1 076 879	938 689	519,301	443 376	133,429	174 747
Pepsu and East Punjab States Union	911 284	777 842	218 136	186 741	195 195	167 481	41 702	40 303
4 Ajmer	132 611	127 074	11 388	10 398	9 111	10 457	6 674	7 232
5 Delhi	64 198	46 610	8 896	7 601	15 278	13 998	2 811	2 794
6 Bilaspur	49 589	47 520	6 854	7 126	1 191	795	579	744
7 Himachal Pradesh	427 522	402 174	30 550	30 157	4,950	4 148	5 105	4,832
Andaman and Nicobar Islands	2 177	1 890	94		85	46	21	27

NON AGRICULTURAL CATEGORIES*

Zone and State	Production other than cultivation		Commerce		Transport		Other services and Miscellaneous sources	
	Males	Females	Males	Females	Males	Females	Males	Females
INDIA	20,024 164	17,636 053	11 232,253	10,070,618	3,114 558	2,505,770	22,607,908	20 324 786
I North India	2 861 348	2,439 965	1 692 701	1 486 894	476 173	383 838	3 773 571	3 204 581
1 Uttar Pradesh	2,861 348	2 439,965	1,692,701	1,486,894	476,173	383,838	3,773,571	3,204 581
II —East India	4 245,187	3 484 960	2,496 336	2 028 495	760 495	488,337	4,584 158	3 851,483
1 Bihar	865,651	719 117	719 725	648 282	165 721	125 895	1 283 522	1,087 380
2 Orissa	456,960	469,828	208,911	216 941	41 160	36 378	790,756	812 644
3 West Bengal	2,176 471	1 634 829	1 329,911	981 308	480 579	275 718	2 089 277	1 646,964
4 Assam	710,327	617 224	202 772	160 294	67 782	47,787	308,938	250 591
5 Manipur	15,000	25 331	11 287	12 837	1 690	1 380	15 495	12 598
6 Tripura	20 206	18 189	22,566	18 272	1 801	1 513	41 993	33 608
7 Sikkim	672	451	1,164	471	1,762	166	4,177	2 698
III —South India	5,095,492	4 897 774	2 485 000	2 470 811	717 419	664 866	5 358 290	5 323 366
1 Madras	3,599,441	3,443 500	1,893,379	1 918 091	494,508	464 337	4 082 010	4 098 946
2 Mysore	489 278	440,344	259 858	245 296	54 653	50,241	625,963	565 977
3 Travancore Cochin	975,720	990 524	326 879	304, 304	166 946	149 492	681 087	645 107
4 Coorg	31 053	23,406	4 884	3 060	1 312	796	19 228	13 336

* **Chandernagore with a population of 49,909 is not included in this classification**

NON-AGRICULTURAL CATEGORIES* *Contd*

Zone and State	Production other than Cultivation		Commerce		Transport		Other services and Miscellaneous sources	
	Males	Females	Males	Females	Males	Females	Males	Females
IV — West India	3 163 442	2 638 132	1 732 594	1 512 236	506 836	416 508	3 398 320	3 027 053
1 Bombay	2 727 891	2 221 266	1 482 275	1 254 038	443 416	358,772	2 883 348	2 486 851
2 Saurashtra	381 308	362 371	221 092	223 272	55 913	51 182	449,820	463 281
3 Kutch	54 243	54 495	29 227	34,026	7 507	6 554	65 152	76 921
V Central India	3 0,0 683	2 791 517	1 277 164	1 208 319	352 136	316 396	2 605 478	2 415 463
1 Madhya Pradesh	1 1 3 576	1 078 457	482 384	450 217	104 024	147 794	836 018	766 184
2 Madhya Bharat	424 764	387 727	232 817	213 754	45 847	38 923	471 051	414 865
3 Hyderabad	1 297 333	1 228 168	482 400	472 116	125 734	117 458	1 130 823	1 086 252
4 Bhopal	48 917	39 027	27 256	24 203	7 791	5 492	70,919	64 235
5 Vindhya Pradesh	80 093	78 138	52,007	48 029	8 736	6,729	96 667	83 927
VI — North West India	1 617 576	1 376 784	1 047 523	1 369 361	300 562	235 469	2 933 771	2 500 708
1 Rajasthan	712 170	645 766	517 623	488 222	77 532	65 579	999 181	947 785
2 Punjab	501,028	414 711	611,128	532 292	74,889	56,419	1 232,984	1 014 061
3 Patiala and East Punjab States Union	139 219	116 187	142 345	124 774	77 610	61 409	169 353	128 104
4 Ajmer	70 717	63 321	45 707	40 583	12 603	10 486	71 425	63 625
5 Delhi	177 312	124 789	220 401	175 750	55 053	40 115	442 589	335 881
6 Bilaspur	2 967	2 574	1 175	1 010	173	124	2 210	1,468
7 Himachal Pradesh	13 963	9 440	9 144	6 730	2 702	1 337	16 029	9 784
Andaman and Nicobar Islands	10 636	6 892	936	502	737	356	4 370	2 132

* Chandernagore with a population of 49 909 is not included in this classification

LIVELIHOOD PATTERNS*

Out of a total population of 3 566 lakhs 1 044 lakhs (29 3 per cent) are self supporting 2 143 lakhs (60 1 per cent) are non earning dependents, and 379 (10 6 per cent) earning dependents

Out of a total agricultural population of 2 490 lakhs 710 lakhs are self supporting 1 470 lakhs are non earning dependents, and 310 lakhs earning dependents

Out of a total non agricultural population of 1,076 lakhs 334 lakhs are self supporting 673 lakhs are non earning dependents, and 69 lakhs earning dependents

The following table gives a comprehensive picture of self supporting and dependent people and the percentage

Under Agriculture Class I is owner cultivator, Class II tenant cultivator Class III cultivating owner Class IV agricultural rentier

Class V are persons engaged in non agricultural production Class VI persons in commerce Class VII transport Class VIII miscellaneous income recipients (non agricultural rentiers pensioners etc)

The second column shows self supporting persons the third non earning dependents the fourth earning dependents the fifth total dependents the sixth percentage to general population including dependents

The figures are in lakhs

Category	2	3	4	5	6
Class I	457	1 001	+215	1 673	46 9
Class II	88	189	+ 39	316	8 8
Class III	149	247	+ 52	448	12 6
Class IV	16	33	+ 4	53	1 5
Total Agricultural classes	710	1 470	+310	2 490	69 8
Class V	122	223	+ 32	377	10 5
Class VI	59	149	9	213	6 0
Class VII	17	37	+ 2	56	1 6
Class VIII	136	268	+ 26	430	12 1
Total non agricultural classes	334	673	+ 69	1 076	30 2
General Population	1,044	2 143	+379	~ 566	100 0

The following figures show the number of dependents supported by 100 persons in each of the eight categories The first figure in brackets shows the number of non earning dependents and the second figure the number of earning dependents

Class I—266 (219 47) Class II—259 (215 44) Class III—201 (166 35) Class IV —231 (206,25), All Agricultural classes—251 (207,44)

Class V—211 (185 26) Class VI—261 (246,15), Class VII - 230 (218,12) Class VIII—216 (197,19), All non agricultural classes—222 (201,21)

General Population—242 (205,37)

BROAD CONCLUSIONS

The broad conclusion of this survey is that the average self supporting person uses his income to support himself and at least two others

Roughly one among three self supporting persons also provides, in addition, partial support for one earning dependent

During the twenty years following 1931 population grew faster than cultivation But the relative weight of dependence on agriculture for gainful employment has not declined in the country as a whole It is probable that it has increased slightly Such increase is observable in Uttar Pradesh Bihar Orissa Assam Madras Hyderabad Rajasthan Punjab It has probably diminished in Bombay West Bengal and Mysore In Madhya Pradesh dependence on agriculture has not changed

Thus on the whole there has been a general increase of non earning dependency The increase in absolute numbers of non earning dependents has exceeded the entire increase of rural population in India as well as in each of the five zones out of six

The percentage of non earning dependents to the general population has also increased in every State except Bombay, West Bengal and the Punjab

The increases in the percentages are not accompanied by any material change in sex ratio or age structure They must therefore be regarded as a rough index of the growth of unemployment in different parts of the country

There has been a general increase throughout the country in the number of cultivators and cultivating labourers working on the same area (say 100 acres) of uncultivated land

The increases are relatively small in the following States

Assam (46 to 48), Bihar (50 to 52), U P (49 to 51), Madras (34 to 36), Orissa (29 to 32)

Larger increases are observable in the following States

Punjab (23 to 26), Bombay (17 to 23), Madhya Pradesh (26 to 33), Travancore Cochin (41 to 57)

Among the major States for which figures are available Mysore alone shows a fall (32 to 26)

Material changes have occurred in the percentage of cultivating labourers to all workers in land (i e cultivating labourers and cultivators including their unpaid family helpers)

There is only one major State where this percentage has increased—Travancore Cochin (34 to 47) The percentage has remained practically unchanged in Bihar (27 26), Mysore (13 14), Hyderabad (31) and Punjab (11-12)

* For detailed tables see pages 18 to 20

In other States the percentage has fallen U P (18 to 9) Orissa (30 to 19) West Bengal (40 to 28) Madras (38 to 35) Bombay (43 to 18), Madhya Pradesh (43 to 32), Rajasthan (11 to 4)

The fall is the natural result of increase in the number of cultivators and members of their families occupying the same area of cultivated land The cultivators need for employing labourers diminishes, as also their capacity to pay for their services

Other reasons for the fall may be that labourers were unwilling to acknowledge as labourers to guard against the accrual of occupancy rights in land

There were also many people who partook of the characteristics of both cultivator and cultivating labourer and whose classification was *open to doubt*

It is also possible that because of legislation and the general social climate a conversion has taken place of many persons from the status of cultivating labourer to that of cultivator Such conversions probably account for an important part of the fall observed in Bombay, Madhya Pradesh Uttar Pradesh Rajasthan and possibly elsewhere

Among cultivators the relative proportion of cultivator owners has increased to some extent

Agricultural renters formed only a small proportion of the people in 1931 and this proportion has become still smaller in 1951

SELF-SUPPORTING PERSONS

There are 1 044 lakhs of self supporting persons in the country or 29 3 per cent of the population

The table in the next column shows the rural urban and sex wise break up

Rural Urban	Number (in lakhs)	Percentage
Rural males	706	47 1
Urban males	166	43 8
Rural females	151	10 4
Urban females	21	7 4
Total	1 044	29 3

Out of 1 044 lakhs of self supporting persons 710 lakhs or 68 1 per cent are agriculturists, and 334 lakhs or 31 9 per cent are non agri culturists

The rural urban and the sex wise break up of agricultural and non agricultural self supporting classes is as follows (the number is in lakhs)

Rural Urban break up	Agriculturists		Non agriculturists	
	Number	Percentage	Number	Percentage
Rural males	566	80 2	140	19 8
Urban males	19	11 4	147	88 6
Rural females	121	80 2	30	19 8
Urban females	4	19 7	17	80 3
Total	710	68 1	334	31 9

The self supporting agriculturists can be divided into four classes The number in the second column in the table below is in lakhs *The number in the third* column is the percentage of all agriculturists the number in the last is percentage of all self supporting persons

Category	Number	Percentage of agriculturists	Percentage of all self supporting persons
Cultivators of land wholly or mainly owned	457	64 4	43 8
Cultivators of land wholly or mainly un owned	88	12 3	8 4
Cultivating labourers	149	21 0	14 3
Non cultivating owners of land and other rent receivers	16	2 3	1 6
Total	710	100 0	68 1

Another way of describing Classes I and II is as owner cultivators and tenant cultivators Thus the number of owner cultivators is 457 lakhs and the number of tenant cultivators is 88 lakhs

The total number of cultivators can thus be put down as 545 lakhs

The 334 lakhs *self supporting* non agriculturists can also be divided into four sections The number in the second column is in lakhs the number in the third shows the percentage of all self supporting non agriculturists the fourth the percentage of all self supporting persons

Categories	Number	Percentage of self supporting non agriculturists	Percentage of all self supporting persons
Employers	11	3 3	1 1
Self employed other than employers	165	49 4	15 7
Employees	148	44 3	14 2
Non agricultural miscellaneous income receivers	10	3 0	0 9
Total	334	100 0	31 9

The employees are a clear minority Self employed persons are more numerous than employers and employees combined

If we deduct renters from both agriculturists and non agriculturists we get the following classification of income earners The number in the following table is in lakhs

Nature of income	Cultivation	Industries and Services	Total
Net profits	545	176	721
Wages and salaries	149	148	297
Total	694	324	1,018

Earners of profits are much more than twice as numerous as earners of wages and salaries

PERSONS IN INDUSTRY

The 324 lakhs self supporting persons engaged in industries and services other than cultivation may be divided as follows

Categories	Number (in lakhs)	Percentage
Primary industries other than mining and quarrying (0)	24 0	7 4
Mining and quarrying (1)	5 7	1 8
Processing and manufacture (food stuffs, textiles, leather) (2)	55 1	17 0
Processing and manufacture (metals chemicals) (3)	12 4	3 8
Processing and manufacture not elsewhere specified (4)	24 3	7 5
Construction and utilities (5)	15 9	4 9
Commerce (6)	59 0	18 2
Transport storage and communications (7)	19 0	5 9
Health education and public administration (8)	22 9	10 2
Services not elsewhere specified (9)	75 4	23 3

The number engaged in some of the sub divisions of the above main divisions are as follows (the figure is in lakhs)

Plantations 10 6 Stock raising—6 3 Fishing—4 2 Forestry (wood cutting collection of forest produce not elsewhere specified)—2 5 Rearing of small animals and insects—27 (in thousands)

Figures for men engaged in mining are given in thousands except for coal mining and mining of stone clay and sand which are in lakhs

Coal mining—3 1, Mining of stone, clay, sand—1 2

Iron ore—9 metals other than iron—57, petroleum—3 mica—33 salt salt petre—2 non metallic minerals—11 Total for this group—135

The figures for persons engaged in various industries given below are in lakhs

Divisions 2, 3, 4

Milling of cereals pulses hand pounding of rice dehusking, grinding of food grains—4 0 Vegetable oil and dairy products—2 7, Sugar—1 4 Beverages (breweries, distilleries toddy drawers, aerated waters)—1 6 Tobacco (preparation of raw leaf makers of bidis cigarettes, etc, snuff)—0 6 Other food industries—1 8 All food industries (except cultivators, house wives hotel workers)—15

Cotton textiles—26 wearing apparel (except footwear)—6 5 Other textiles (jute wool, silk, hemp, flax rayon, rope, twine, etc)—7 1 Leather (leather products, footwear)—0 8

Manufacture of transport equipment—2 2 Machinery (other than electrical) including engineering workshops—1 2 Basic manufacture of iron and steel—1 1 Manufacture of metal products otherwise unclassified—6 2

Manufacture of wood and wood products (carpenters turners etc) 10 4 Manufacture of non metallic mineral products (potters makers of earthenware porcelain crockery glass bangles, etc) 1 7

Division 5

Total for construction and utilities (15 9)

Division 6

The total number engaged in commerce is 59 lakhs

They fall into three groups Retail trade (51 1), Wholesale trade (4 0) Money lending, banking insurance, real estate (3 3)

Among men in retail trade Selling food stuffs (22 9) Selling fuel (1 9), Selling textiles and leather goods (5 6)

Division 7

Total for Transport Storage and Communications (19 0) Transport by road (8 9) By railway (5 7), By water (2 2), By air (13 thousand)

Division 8

Total for Health Education and Public Administration (22 9), Medical and health services (5 8)

Total for educational services and research (7 4) of these stationed in towns (3 7) in villages (3 7)

These were divided as follows* Professors lecturers, teachers, research workers, employed in universities, colleges, research institutions (99,256), other professors, lecturers, teachers (349 44)

Total for public administration (21 6) These may be divided as follows (see next column)

Employees of Central Government (5 03), Total employees of State Governments (14 26)

These may be sub divided as General administration (8 09) Police (other than village watchmen) (3 80) Village establishments including village watchmen (2 37), Employees of local bodies (2 24)

Division 9

Services not elsewhere specified (75 4) Of these nothing is known of 37 3 except that they are self supporting

The following para gives the details about the rest of the 38 1 lakh persons (the number is in thousands)

Domestic service (1 424) Laundries and laundry services (566) Barbers and beauty shops (514) Religious charitable and welfare services (369) Legal and business services (250) Recreation services (214) Hotels restaurants and eating houses (158) Arts letters and journalism (59)

DEPENDENTS

Out of 3 566 lakhs 2 143 or 60 1 per cent have been classified as non earning dependents

The table below shows the rural urban and the sex wise break up of non earning dependents

Rural Urban	Number (in lakhs)	Percentage
Rural males	674	31 0
Urban males	152	7 1 6
Rural females	1 065	73 5
Urban females	252	88 1
	2,143	60 1

There are 379 lakhs or 10 6 per cent earning dependents in the country They are dependents in the sense that left to themselves they cannot support themselves

The table below shows the rural urban and sex wise break up of earning dependents

Rural Urban	Number (in lakhs)	Percentage
Rural males	119	7 9
Urban males	15	4 6
Rural females	232	16 0
Urban females	13	4 5
	379	10 6

LIVELIHOOD CATEGORIES (AGRICULTURAL CLASSES)

Zone	Self supporting persons		Non earning dependents		Earning dependents	
	Males	Females	Males	Females	Males	Females
India	58,514 694	12,534,662	57,193 466	89,763,174	10,479,295	20,589,610
North India	12,699,071	1,262,460	9,867,505	16,457,548	1,768,497	4 881,590
East India	15 413 440	4,487,102	16,566,906	27,168,412	2 249,314	2,256,023
South India	10,067,318	2,501,206	12,988,564	20,555,971	1,110,459	1 364,268
West India	5,158,210	796,360	5,646,961	7,502,033	1,375,918	3,786,522
Central India	9,123,477	1,877,655	7,404,714	11,112,657	2,703,872	6,048,428
North West India	6,091,954	1,609,736	4,717,856	6,964,692	1,271,042	2,252,759
Andaman and Nicobar Islands	1,224	153	960	1,861	193	20

* Exclusive of five districts in Bihar Monghyr, Bhagalpur, Saharsa, Purnea, Santhal Parganas

LIVELIHOOD CATEGORIES (NON-AGRICULTURAL CLASSES)

Zone	Self supporting persons		Non earning dependents		Earning dependents	
	Males	Females	Males	Females	Males	Females
India	28,662,536	4,687,911	2,407,927	41,926 707	2,937 036	3 051 204
North India	4,771,964	586,015	3 700 962	6 350 411	350 867	578 852
East India	6,415,002	1,411 294	5 235 364	8 042 979	463 852	420 518
South India	6,256,924	1,227,083	6,794,472	11,488 904	604 807	640 830
West India	4,428,106	545 054	3,862 807	6 288 494	510 279	760 381
Central India	3,665 448	526,177	3 006 917	5 108 068	593 066	1,097 450
North West India	3,135 573	391 848	2,803,254	4,612 359	411 127	429 313
Andaman and Nicobar Islands	9,517	440	4 121	5,492	3 040	3,950

EMPLOYERS, EMPLOYEES AND INDEPENDENT WORKERS

Zone	Employers		Employees		Independent Workers	
	Males	Females	Males	Females	Males	Females
India						
Total	1 025 540	79 089	12 915 584	1 880 417	14 051 077	2 415 176
Rural	349 980	45 346	4 956 516	1 090 894	8 358 703	1 671 961
Urban	675 560	33 743	7 959,068	789 523	5 692 374	743 215
North India						
Total	140,820	8 778	1 405 188	97 163	3 095 523	442 488
Rural	37,461	4 635	500 931	41 972	1 961 008	249 099
Urban	103 359	4 143	904 257	55 191	1 134 515	193,389
East India						
Total	173 607	19 783	3 617 089	738 073	2 498 691	566 833
Rural	73 908	13,901	1 736 416	533 615	1 568 246	460 613
Urban	99,699	5 882	1 880 673	184 458	930 445	106 190
South India						
Total	331 312	28 731	2,987 373	579 041	2 814 566	539 497
Rural	146 206	16 818	1 422 441	351 244	1 790 452	367 603
Urban	185,106	11,913	1 564,932	227,797	1,024,114	171,894
West India						
Total	220 039	11 062	2,302 353	196 777	1,802 901	296 133
Rural	36 855	3 194	406 013	35 681	836,613	142 945
Urban	183,184	7 868	1,896 340	161,096	966,288	153,188
Central India						
Total	111 029	7 803	1,475,441	176,775	1 955 615	297 479
Rural	44 668	5,066	565,509	68 435	1,209,363	173 348
Urban	66 361	2,737	909,932	108 337	746 252	124,131
North West India						
Total	48 685	2,930	1,120,725	92 453	1,881,762	272 443
Rural	10 874	1 732	320,901	39,896	991 524	178 097
Urban	37,811	1,198	799,824	52,557	890 238	94,346
Andaman and Nicobar Islands	48	2	7,415	135	2,019	303

Industry	Total		Employers		Employees		Independent Workers	
	Males	Females	Males	Females	Males	Females	Males	Females
Stock Raising	560 627	70,178	14 755	1 813	131 208	10,743	414,664	57,622
Plantation Industries	657,047	403,971	7 578	1 107	580 225	382,605	69 246	20 259
Forestry and Woodcutting	213,809	38,043	5,587	357	83,015	5,748	125,207	31,938
Fishing	383,108	37,936	12 610	1,143	47,840	2,919	322 658	33,874
Mining and Quarrying	464,967	101,903	5,510	426	362,823	82,290	96 634	19 187
Coal mining	248,337	63,003	1,122	114	243 286	61,383	3 929	1,506
Iron Ore mining	5,742	2,877	70	6	4,910	2,789	762	82
Metal mining except iron ore mining	49,705	7,247	678	23	37,157	4,440	11,870	2,784
Crude Petroleum and Natural Gas	2 252	200	118	13	1 862	50	272	137
Stone quarrying, clay and sand pits	106,130	15,718	2,498	198	39 625	5,981	64,007	9,539
Mica	25,996	6,632	580	19	21,292	4 896	4,124	1,717
Salt, Saltpetre and Saline substances	18,859	2,742	307	26	9,870	883	8 682	1,833
Vegetable Oil and Dairy products	228,648	38,452	11,831	1,354	67 243	4,782	149,574	32 316
Sugar Industries	127,853	7,417	3,396	200	80,033	2,813	44,424	4,404
Beverages	158,601	6,257	6,312	351	44 451	1,267	107,838	4 639
Tobacco	287,804	67,898	11,868	1,610	126,760	23 154	149 176	43,134
Cotton Textiles	1,833,737	227,994	52,242	4,719	901,553	79,968	879,962	143,307
Wearing apparel and made up textiles	597,446	51,225	29,052	1,592	116,666	6,003	451,728	43 630
Textile Industries otherwise unclassified	548 540	162,661	11,182	1,142	381 105	82 631	156,253	78 888
Leather, leather products and footwear	540,299	36,780	15,365	898	78,817	4,143	446,717	31,739
Processing and Manufacture—Metals, Chemicals and products thereof	1,184,582	52,465	38,276	1,398	669,317	24,028	476,989	27,039

Industry	Total		Employers		Employees		Independent Workers	
	Males	Females	Males	Females	Males	Females	Males	Females
Manufacture of metal products, otherwise unclassified	592 548	27 997	20 015	817	202 164	5 143	369 469	22 037
Iron and Steel (Basic Manufacture)	104 894	7 479	1 722	71	89 465	6 533	13,709	875
Non Ferrous metals (Basic Manufacture)	10 628	246	238	7	6 090	76	4 300	163
Transport Equipment	215 954	3 720	6 230	108	168 120	2 717	38 204	895
Electrical machinery apparatus	41 997	773	1 201	8	29 228	535	11 568	230
Machinery (other than electrical machinery)	122 677	2 291	3,009	84	101 174	1 816	18 494	391
Basic Industrial Chemicals, Fertiliser and Power Alcohol	20 367	1 111	688	31	14 172	695	5 507	385
Medical and Pharmaceutical preparations	14 158	715	393	17	11 819	481	1 946	217
Manufacturing Industries otherwise unclassified	487 136	22 173	25 275	692	102 690	5 198	359 171	16,283
Products of Petroleum and Coal	11 053	745	238	13	8 809	247	2 006	485
Bricks tiles and other structural clay products	154 764	29 391	4 186	392	74 449	14 207	76 129	14 792
Cement—Cement pipes and other cement products	22 860	2 992	349	24	18 896	1 901	3 615	1 067
Non metallic mineral products	385 170	59 991	10 683	1,429	49 167	5 258	325 022	53 304
Rubber products	18 733	908	730	23	14 885	306	3,118	179
Wood and wood products other than furniture and fixtures	938 695	102 594	25 581	1,765	181,788	9 878	731 326	90 951
Furniture and Fixtures	32 001	2 494	1 521	159	8 819	478	21,661	1 857
Paper and paper products	29 136	2 075	562	55	22 806	1 256	5 768	764
Printing and allied industries	123 759	7 877	7 928	199	93 555	1 614	22 278	1 064
Construction and Utilities	1 315 915	269 811	29 188	2 072	598 545	114 658	687 882	153,081
Construction and maintenance—Buildings	669 512	87 395	18 566	1,114	206 371	29,700	444 575	56 581
Construction and maintenance—Roads, Bridges and other Transport Works	127 699	21,105	4 634	240	84 652	9 579	38 413	11,286
Construction and maintenance—Telegraph and Telephone lines	7 013	558	114	2	6,273	316	626	240
Construction and maintenance operations—Irrigation and other agricultural works	95 832	18,167	1 348	88	60 122	10,457	34 362	7,622
Works and Services—Electric power and gas supply	70 526	1 479	910	10	62 772	1 243	6 844	226
Works and Services—Domestic and Industrial water supply	40 298	14 861	842	293	22,169	5 357	26 287	9 211
Sanitary Works and Services (including scavengers)	227 655	112 611	1 107	228	133 833	53 774	92 715	58 609
Commerce	5 339 343	561 975	472 943	30 732	1 086 598	48 288	3 779 802	482 955
Retail trade otherwise unclassified	1 932,622	175,383	158 847	10 818	344 110	16,517	1 429 665	148 048
Retail trade in foodstuffs (including beverages and narcotics)	1 964 398	289 616	155 134	12 282	275 951	17 405	1,533 313	259 829
Retail trade in fuel (including petrol)	158 152	34 865	17 636	1 750	39 721	2 922	100 795	30,183
Retail trade in textile and leather goods	538 060	21 595	65 599	2 236	101 047	2 928	371 414	16 431
Wholesale trade in foodstuffs	152 883	11 776	20 944	822	38 720	1,387	93 219	9 567
Wholesale trade in commodities other than food stuffs	287 486	11 030	32 910	846	132 831	3 498	121 745	6 686
Real Estate	16 698	3 478	2 117	438	7 289	290	7 292	2 710
Insurance	35 881	1 847	1,493	107	24 429	836	9 959	904
Money lending, banking and other financial business	253 163	12 435	18 263	1 333	122 500	2 505	112 400	8 597
Transport Storage and Communications	1 839,007	62,964	33 690	3,606	1 254 416	36 557	550 901	22 801
Transport and Communications (otherwise unclassified) and incidental services	37 814	2 986	766	68	18 161	1 378	18 887	1 540
Transport by Road	859 675	33 784	26 089	3 026	375 962	12 841	456 724	17 917
Transport by Water	211 419	5 349	5 501	477	155 947	2 959	49 971	2 013
Transport by Air	13 199	295	124	11	11 641	263	1 434	21
Railway Transport	558 260	14 459	211	96	536,104	13 200	21 945	1 163
Storage and Warehousing	8 687	938	90	28	6 994	771	1 603	139
Postal Services	112 942	2,047	9		112 655	2 043	278	4
Telegraph Services	20 205	416			20 178	415	27	1
Telephone Services	12 715	2 623			12 693	2,620	22	3
Wireless Services	4 091	67			4 081	67	10	
Health Education and Public Administration	3 017 834	272 483	20 100	2 608	2 798 285	234 129	199,459	35,746
Medical and other Health Services	205 236	79 625	14 071	1 383	150 450	50 283	140 715	27,959
Educational Services and Research	624 858	118 491	5 840	1 221	562 934	109 634	56,084	7 636
Police (other than Village Watchmen)	375 592	4 129			375 592	4 129		
Village Officers and Servants, including Village Watchmen	231,747	5,433	189	4	228 898	5,278	2 660	151
Employees of Municipalities and Local Boards (not persons classifiable under any other division)	198 410	25,839			198 410	25 839		
Employees of State Governments (not persons classifiable under any other division)	782 672	26,340			782,672	26,340		
Employees of Union Government (not persons classifiable under any other division)	491 198	11 864			491,198	11,864		
Employees of non Indian Governments	8,131	762			8 131	762		
Services not elsewhere specified	6 092 197	1 451,528	139 806	13,755	2 801 264	644,870	3,151,127	792 903
Services otherwise unclassified	2 946 132	786 483	25 467	5,941	1,217 745	271,563	1,702 920	508,979
Domestic Services	1,033 407	491,075	3 855	906	922,956	324,300	106,596	65,869
Barbers and beauty shops	480 196	30 401	14 596	607	61,086	3,607	404,514	26,187
Laundries and laundry services	439 003	125,506	15 570	2 087	59,633	14,367	363,800	109,052
Hotels, restaurants and eating houses	424 944	33 348	53,082	2,820	228,239	8,801	142 723	21,727
Recreation services	181 400	32,780	6 035	445	71,244	5,027	104 121	27,308
Legal and business Services	221,361	8,959	12,009	185	136,112	5,596	73,240	3,178
Arts letters and journalism	37 536	1 720	2,086	112	13,991	464	21,459	1,144
Religious, Charitable and Welfare Services	328,218	41,256	6,206	652	90,258	11,145	231,754	29,459

VITAL STATISTICS

The following table shows the number of births and deaths registered in each of the three decades The figures in the first two columns are in lakhs The figures in the last two columns give the mean decennial registered rates

Year	Registered births	Registered deaths	Birth rate	Death rate
1921–30	669	502	33 7	25 3
1931–40	753	512	33 8	23 0
1941–50	680	486	27 2	19 4

Many births and deaths go unregistered Making allowance for this it is calculated that the birth rate should be around 40, and the death rate around 27

This would give a natural increase rate of 13 per thousand per annum during the last decade

On the same basis the birth rates for the various zones will be as follows

Central India (44) West India (42) north west India (41 or 42) north India (38 or 39) east India (38 or 39), south India (36 or 37)

The death rates would be as follows

Central India (34) north India (27 or 28) east India (26 27 or 28) west India (26) north west India (24 25 or 26) south India (21 or 22)

The following table shows the birth and mortality rates for the sub continent from 1921 to 1946 and for India alone for 1947 1948, 1949 and 1950

Year	Birth rate	Death-rate	Infant mortality
1921	32	31	198
1922	32	24	175
1923	34	25	176
1924	33	28	189
1925	32	24	174
1926	33	25	189
1927	33	23	167
1928	34	24	173

Year	Birth rate	Death rate	Infant mortality
1929	33	24	178
1930	33	25	180
1931	35	25	179
1932	34	22	169
1933	36	23	171
1934	34	25	187
1935	35	24	164
1936	36	23	162
1937	35	22	162
1938	34	24	167
1939	34	22	156
1940	33	22	160
1941	32 1	21 9	158
1942	29 5	21 4	163
1943	26 1	23 9	165
1944	25 8	24 5	169
1945	28 0	22 1	151
1946	28 9	18 7	136
1947	26 6	19 7	145 6
1948	25 4	17 1	130 9
1949	26 7	15 8	122 8
1950	24 8	16	127 1

The overwhelming majority of deaths are caused by such typical tropical diseases as small pox typhoid, dysenteries cholera and malaria Tuberculosis is also a big killer Malnutrition and nutritional diseases are very common This is no surprise considering the general poverty of the people

The figures below are for the larger cities like Calcutta, Bombay or Madras because they are generally more accurate than figures for the smaller towns or rural areas Here is a table which shows the specific death rates per thousand for Calcutta, Bombay and Madras for 1949

—	Calcutta	Bombay	Madras
Tuberculosis	120	113	69
Dysentery and Diarrhœa	156	79	301
Typhoid	58	53	10
Cholera	84	0 0	19

There has been some reduction in the general rate of mortality due to specific diseases over the last three decades

Year	Cholera	Small pox	Plague
1920	0 6	0 4	0 4
1925	0 5	0 3	0 5
1930	1 3	0 3	0 3
1931	0 9	0 1	0 2
1932	0 3	0 2	0 2
1933	0 3	0 4	0 2
1934	0 8	0 3	0 3
1935	0 8	0 3	0 1
1936	0 6	0 4	0 04
1937	0 4	0 2	0 1
1938	0 9	0 1	0 06
1939	0 4	0 2	0 1
1940	0 3	0 3	0 7
1941	0 8	0 2	0 04
1942	0 7	0 09	0 04
1943	1 5	0 2	0 05
1944	1 0	0 7	0 07
1945	0 9	0 4	0 09
1946	0 5	0 2	0 1
1947*	0 4	0 1	0 3

* After partition

Turning to infant mortality figures in the larger towns we find that there has been on the whole some improvement as the following table shows

City	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Bombay	248	250 2	246 3	267 9	212 2	201 5	211 4	95 1	197 4	203 0	190 4	195 4	166 6
Calcutta	239	241 6	252 7	218 6	205 4	212 5		166 8	427 7	429 8	288 6	243 4	269 3
Madras	227	218 3	223 8	222 1	241 6	205 7	208 9	196 8	247 3	284 3	213 8	183 0	196 0
Lucknow	224	224 4	223 5	226 4	212 2	214 4	134 3	210 0	189 0	174 7	204 7	165 4	188 5
Nagpur	261	283 5	234 6	264 2	226 2	294 6	218 8	275 5	201 9	228 0	275 1	194 0	286 8
Delhi	196	170 0	187 4	156 0	169 9	173 8	185 9	177 3	196 0	186 0	154 0	146 6	178 0
Ahmedabad	280	303 4	280 2	283 0	267 4	310 2	133 2	293 1	263 5	277 5	186 5	235 9	239 5

SEX RATIO

In India as whole the total number of males is 183 millions, and of females 173 millions

The sex ratio has varied as follows 1921–1936, 1931—951, 1941– 946, 1951—947

It may be mentioned here that in the world as a whole the sex ratio is probably 992

In the country as a whole the sex ratio as mentioned above is female to male 947 to 1 000 The lowest is 883 in the north west the highest is 999 in south India where practical equality of the sexes exists

In general the sex ratio is smaller in towns than in villages For the country as a whole the sex ratio in villages is 966, while that in towns is 860

The sex ratio in villages is lowest in north west India (895) In the villages of south India females outnumber males (1,004)

The urban sex ratio is lowest in east India (719) It is highest in south India (977)

The difference between the rural sex ratio and the urban sex ratio is very large in east India (258) It is smallest in south India (27)

In the country as a whole there are 235 lakhs of people living in cities Of these 132 lakhs are males and 103 are females

The sex ratio for all cities is 787 It is lowest for east India (641) and highest for the south (940)

The sex ratio for the ten largest cities is as follows

Greater Calcutta 602 Greater Bombay, 596 Madras 921 Delhi 750 Hyderabad, 989 Ahmedabad, 764 Bangalore, 883, Kanpur, 699, Poona, 833, Lucknow, 783

Males and females are not born in equal numbers They do not die in equal numbers Hence the difference in the numbers of males and females

For example the average sex ratio at birth during the decade 1941 50 was as follows in the following States

Madras 948, M P 939 Bombay 935, U P, 807

The sex ratio of infants who died within one year of birth during 1941 50 was as follows

Madras, 870 M P, 844, Bombay 866 U P, 790

The sex ratio among infants at the 1951 census was as follows

Madras, 1006, M P, 946, Bombay, 980, U P, 941

AGE GROUPS

Age Groups	Total		Unmarried		Married		Widowed or divorced	
	Males	Females	Males	Females	Males	Females	Males	Females
0	5 820 763	5,668,197						
1— 4	17 939 286	17,907,518						
5—14	44 702 897	41,988,861	41,804,306	35,736,625	2,832 553	6,118,408	66,038	133,828
15—24	30 671 972	30 052,335	16 627,537	5 184 447	13,659,997	24,041,306	384,438	826,582
25—34	27 874,703	26 632,987	3,700,903	772,578	23,121,613	23,730,973	1 052,187	2,129,436
35—44	22 031,938	19 528,364	1,149 578	303 586	19,323,284	15,345,469	1,559,076	3,879,309
45—54	15 718,686	13,898 327	604,012	173,048	13,076 712	8,313,457	2,037,962	5,411,822
55—64	9 064 548	8 624 304	298 623	88,943	6,776,934	3,334,253	1,988,991	5,201,108
65—74	3 867 562	3 975 667	104 353	37,125	2,533,458	1,092 051	1,229,751	2,846 491
75 and over	1,629,982	1,756,145	46,438	18,468	882,924	370,440	700,620	1,367,237
Age not stated	111 503	116 979	51 497	60 138	45,611	41,640	14,395	15,201

The percentage of different age groups in the villages and the towns is as follows

	Villages	Towns
Infants and young people	13 7	12 9
Boys and girls	25 1	23 2
Young men and women	32 3	36 5
Middle aged men and women	20 4	20 1
Elderly persons	8 5	7 3

MARITAL STATUS*

	Total			Unmarried		Married		Widowed or divorced	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females
Total	349 589 524	179 433 840	170,149 684	88 147,296	65,950 673	82 253 086	82 387 997	9,033 458	21,811 014
Rural	291 620 960	148,245 841	143,375,119	72,400,699	54 823 396	68 173 714	70,185 963	7 671 428	18 365 760
Urban	57,962,564	31,187,999	26,774,565	15 746 597	11,127,277	14,079,372	12,202,034	1,362,030	3,445,254

* Excluding displaced persons

MATERNITY PATTERN

Out of every 10 000 persons in India 5,133 are males and 4 867 are females

Among them 2 521 males (49 1 per cent) and 1,886 females (38 8 per cent) are unmarried Together the unmarried people are about 44 1 per cent of the population

To put it the other way round, among men 45 8 per cent are married and 5 0 per cent are widowers, and among women 48 4 per cent are married and 12 8 per cent widows

The number of divorced persons in India is 144,786 or 0 4 per cent

The proportion of unmarried persons is highest in south India (48 2 per cent) and lowest in central India (41 1 per cent)

The 1951 census counted 28,33,000 married males and 61 18 000 married females 66 000 widowers 134,000 widows all between the ages of 5 and 14

The approximate number of marriages contracted in contravention of the law would be 91,50,000

But there is evidence that the child marriage rate is diminishing The percentage of married females under 15 was 9 6 This dropped to 7 4 in 1951

The percentage of unmarried women above 15 is 6 4

Facts concerning marital status in villages and towns separately is as follows

In the villages, out of 10,000 persons 2,338 are married males and 2,407 are married females

In the towns the corresponding figures are 2,429 and 2,105

There is a fall in the proportion of widowers and also of widows The former fell from 5 6 per cent in 1931 to 5 0 per cent in 1951 The latter fell from 16 1 per cent in 1931 to 12 8 per cent in 1951

For maternity only married women in the age group 15 to 44 are to be taken into account

We have to base our findings on investigations carried out in Travancore Cochin State during the 1951 census

On an average a mother in Travancore Cochin who lives to complete her child bearing period gives birth to more than 6 children but not more than 7

Out of this the number actually alive on census day was 4 6 Among the children born alive 2 had died predeceasing their mothers

Thus in Travancore Cochin the child birth index is 6 6, child survival index 4 6, child loss index 2 0

These indices vary as follows

Age group	Child birth index	Child survival index	Child loss index
Under 20	1 2	1 0	0 2
20—24	1 8	1 4	0 4
25—29	2 9	2 3	0 6
30—34	4 2	3 2	1 0
35—39	5 3	4 0	1 3
40—45	6 2	4 6	1 6
Over 45	6 6	4 6	2 0
Average	4 3	3 2	1 1

The child birth indices of mothers divided into groups was as follows

Agricultural landholders' and tenants families	4 5
Agricultural labourers families	4 1
Non agricultural families	4 2
Rural	4 3
Urban	4 2

Mothers can be divided into two groups those who commenced child bearing during the ages 15 to 19 (Maternity Type A), and those who commenced child bearing during the ages 20 to 24 (Type B)

Their child birth indices are as follows

	Type A	Type B
Under 20	1 2	—
20—24	2 0	1 3
25—29	3 6	2 3
30—34	4 8	3 7
35—39	6 0	4 9
40—44	6 8	5 8
Over 45	7 3	6 4

Investigations of a different sort have given the following results

The total number of births which occur in the course of one year among about 1,000 persons is 40 Among these 40 births, 8 births are first births, 16 births are either first births or second births, 23 births are either first, second or third births, and 17 out of 40 are either fourth births or births of a higher order

We may speak of births occurring to mothers who have already given birth to three or more children as 'improvident maternity'—except in the exceptional circumstance where all previously born children are dead We may refer to the percentage of such maternities to all births as the Incidence of Improvident Maternity.

The following figures show the incidence for a number of countries In most countries this incidence is falling, while in India there is no evidence of any decrease

India—42 8, U S A —19 2, U K —14 3, France—19 7, Japan—33 9

INDIANS OVERSEAS

THE total Indian (includes Pakistani before 1948) population overseas, according to the latest available estimates, is as follows —

Commonwealth	3,207,969
Foreign Countries	1,822,688
Total	5,030,657

Name of country	Indian population	Date of estimates
Commonwealth		
Aden	9 456	1946
Australia	2,480	
Barbados	100	1950
British Guiana	197,696	1951
British Honduras	1,366	1946
British North Borneo	1,298	1931
British Somaliland	250	1946
Brunei	720	1950
Canada	2 148	1951
Ceylon	957,839	1953
Cyprus	40	1950
Dominica	5	1950
Fiji Islands	148 802	1952
Federation of Malaya	640,709	1952
Gibraltar	41	1946
Gold Coast	250	1948
Grenada	3 482†	1932
Hongkong	2 000	1950
Jamaica	25,000	1952
Kenya	90,528	1948
Leeward Islands	99	1946
Malta	37†	1948
Mauritius	322 972	1952
Nigeria	375	1947
New Zealand	1 800	1952
Northern Rhodesia	2 600	1952
Nyasaland	4,000	1952
Sarawak	2 300	1940
Seychelles	285	1947
Singapore	83 624	1952
Sierra Leone	76	1948
South Africa	365 525	1952
Southern Rhodesia	4,150	1952
St Kitts	97	1950
St Lucia	2,643	1950
St Vincent	1,818	1950
Tanganyika	56,499	1952
Trinidad and Tobago	243 155	1951
Uganda	33,767	1948
United Kingdom*	7 128	1932
Zanzibar and Pemba	15 812	1948
Total for Commonwealth	3,207,969	

Name of country	Indian population	Date of estimates
Foreign Countries		
Afghanistan	238	1951
Argentina	600	1950
Bahrein	2,500	1951
Belgium	50	1949
Belgian Congo	1,227	1950
Brazil	24	1950
Burma	700 000	1952
China	321	1951
Dutch Guiana	60 000	1952
Egypt	868	1952
Ethiopia	1 100	1952
Europe	1,000 (approximately)	
Fr Possessions in India	316 425	1939
Indo China	2 616	1948
Indonesian Republic	35 000	1951
Iran	752	1951
Iraq	650	1948
Italy	90	1949
Italian Somaliland	1,000	1947
Japan	474	1952
Kuwait	1,965	1951
Lebanon	49	1948
Madagascar	9,955	1950
Mexico	20	1950
Morocco Tangiers Algiers Libya, Tunisia	2 500	1952
Muscat	1 145	1948
Nepal	10 441	1941
Nicaragua	28	1950
Panama	908	1950
Palestine	56	1947
Philippines	1 800	1951
Portuguese East Africa	5 000	1948
Portuguese Possessions in India	637 846	1950
Reunion	2 200	1950
Ruanda Urandi	1 963	1950
Saudi Arabia	2 400	1948
Syria	32	1948
Thailand	17 000	1952
United States of America	2,405	1947
Venezuela	40	1950
Total for foreign countries	1 822,688	
Total for all countries	5,030,657	

* The last authoritative census were taken in 1932 According to an estimate made in 1947 the figure lies between 5,000 and 6,000
† Denotes number of Asians

EMIGRATION LAWS

Emigration out of India is governed by the Indian Emigration Act (VII of 1922) and the Rules made thereunder, as amended in 1938 and 1940

"Emigration" means departure by sea out of India of a person under an agreement to work for hire Emigration is not lawful except from Ports which have been notified as 'Emigration" Ports Emigration for unskilled work is not lawful to any country at present and the very departure for engaging in unskilled work to Ceylon, Burma, Malava and Singapore is prohibited, unless exemption is granted by general or special orders of the Central Government

Emigration for skilled work is permissible on compliance with prescribed formalities

The functions under the Act are performed by the Central Government through the Controller-General of Emigration and Joint Secretary to the Government of India in the Ministry of External Affairs New Delhi, with the assistance of the Protectors of Emigrants at the Emigration Ports and the Controller of Emigration, Madras, who supervises the activities of the Protectors of Emigrants in the Madras State

Following Ports are at present Emigration Ports under the Act Each Port has a Protector of Emigrants

1 Bombay (Protector of Emigrants Exchange Building, Sprott Road, Ballard Estate, Bombay)
2 Okha (Port Officer)
3 Porbander (Port Officer)
4 Bedi (Port Officer)
5 Madras (Protector of Emigrants Kilpauk, Madras 10)
6 Nagapattinam (Protector of Emigrants)
7 Dhanushkodi (Protector of Emigrants), (Mandapam Camp)
8 Tuticorin (Protector of Emigrants)
9 Gopalpur (The District Officer)
10 Calcutta (Protector of Emigrants 7, Hare Street, Calcutta)

ENTRY ON QUOTA

The following countries admit Indians on quota basis Canada, U S A , Thailand and Indonesia

Canada. Under an Agreement entered in 1951 between the Government of India and the Government of Canada the latter agreed to receive 150 Indian nationals every year for permanent residence Selection is entirely by the Government of Canada The main criteria is that the immigrant should be likely to assimilate in the local population Educational qualifications, property qualifications, etc are considered Priority is also given according to the nearness of relationship between the intending immigrant and his sponsors in Canada, also the capacity of the sponsors to support him financially Chronological order of applications is also taken into consideration

U.S.A United States of America has fixed an annual quota of 100 Indian immigrants 25 per cent of this quota is reserved for Indians born or residing outside India The selection of immigrants is made by the U S Government The main considerations on which selection is made are (*a*) the immigrant must be a genuine East Indian, (*b*) must be free from contagious diseases or moral turpitude, (*c*) must not subscribe to anarchist or subversive theories, (*d*) must not be a practising polygamist, (*e*) must be literate in some modern language, and (*f*) must be in possession of sufficient funds to avoid likelihood of becoming public liability

Thailand The quota fixed by Thailand is 200 per annum The selection is made by the Thai Government

Indonesia Indonesia fixed a quota of 1 000 immigrants in 1952 to a group of four countries *viz*, India Pakistan Ceylon and Burma It is however entirely at the discretion of the Indonesian Government to permit Indians to settle in Indonesia

FREER MIGRATION

In some of the countries though Indians are not admitted for the specific purpose of settlement they can enter and reside on completion of formalities and conditions prescribed under the respective immigration and other laws of those countries Mauritius British East African *territories of Kenya Uganda Tanganyika Zanzibar Northern Rhodesia Nyasaland Belgian Congo Ruanda Urundi Nigeria Ethiopia* Aden Bahrein Iraq Muscat Kuwait Saudi Arabia Seychelles Malaya Fiji Japan the United Kingdom British West Indies British Guiana and British North Borneo are among such countries

The main requirements of some of the countries are indicated below

Mauritius An intending immigrant should be able to deposit Rs 1 000 on entry into the Colony

British East Africa A person intending to engage on his own account in trade business agriculture mining and manufacture in these territories must have at his disposition prescribed capital and must obtain a certificate from the prescribed authority in the territory concerned permitting him or her to engage in a particular profession trade or calling in that territory Professionals like doctors dentists lawyers are not required to have any prescribed capital but should possess sufficient capital or assured income to enable them to give effect to their intention

Northern Rhodesia The main requirement is a knowledge of the English language Persons intending to enter for business and trade must also have sufficient capital There is scope for Indians wishing to settle there as doctors lawyers technicians etc

Malaya Before the New Immigration Ordinance which was to come into force on August 1, 1953 Indians were free to enter provided they were not likely to become destitute Under the new immigration laws entry permits for permanent residence will not normally be granted to fresh immigrants wishing to enter Malaya for employment or for pursuing a profession unless the applicant is a skilled artisan or his entry is considered to be in the economic interest of Malaya or Singapore or he holds a contract of employment with a well established business concern on terms and conditions of service of a prescribed standard or unless he holds special qualifications to be able to pursue his profession without prejudice to the interests of persons already resident in Malaya

British West Indies Indians are admitted in exceptional cases, where they possess special skills that are in short supply there or who may bring capital for investment

Belgian Congo Entry Permits may be granted to those who can deposit a certain sum and satisfy the authorities regarding good conduct etc

Ethiopia There is no particular restrictions for immigration into Ethiopia but the Ethiopian Government's permission is required in every case

United Kingdom Indians are free to settle in the United Kingdom

Switzerland Indian nationals can go to and reside in Switzerland subject to the laws and rules in force in that country

BAN ON ENTRY

Fresh Indian immigration is either banned or is not permitted as a matter of policy into the following countries —South Africa Southern Rhodesia Australia, New Zealand Ceylon Philippines most of the European and South American countries and Burma

South Africa Immigration of Indians into the Union of South Africa is banned

Southern Rhodesia Southern Rhodesia treats Indians as prohibited immigrants but admits wives and dependant children of the persons already there

New Zealand There is a ban on the entry of fresh Indians but as a special case the New Zealand Government permits the entry of the children of permanent residents into New Zealand for permanent residence subject to certain conditions

Australia Asians including Indians are not allowed to immigrate into Australia for permanent settlement Indians are however permitted to start wholesale export import business provided the minimum annual turn over is £A500 but without any citizenship or other rights Indians already settled there can however take their wives and minor children subject to certain conditions

BURMA

Burma was a province of India till 1937 April when it was given a separate constitution In 1931 the Indian population was reported to be over one million Consequent upon the Japanese occupation of Burma in 1942 about 4 lakhs of Indians left Burma for India After the liberation of Burma many did not return to that country in view of the changed conditions in Burma and the difficulty of obtaining employment there The present population of Indians in Burma is estimated to be about 7 lakhs

Indians are mainly agricultural dock and casual labourers and small scale business men Some Indians are engaged in wholesale import ing business and as rice merchants

With the introduction of the Burmanisation policy no foreigner is now allowed to buy any property nor can any property be transferred to any foreigner Non nationals in Government service are being replaced by nationals

A large number of Indian land owners in Burma will be adversely affected by the Land Nationalization Scheme

Under the Union of Burma Citizenship Act 1948 an alien can become a Burma citizen by naturalisation if he had resided continuously in the Union for not less than five years before the application and also fulfils other prescribed conditions

As foreigners in the country Indians as such have no franchise Those Indians who have become Burmese citizens are entitled to all privileges including franchise that other Burmese are entitled to

Rupees forty a month can be remitted to dependants in India by Money Order Large sums for maintenance of families and other specific purposes can be remitted on the strength of certificates from the District Magistrate concerned in India On leaving Burma for good, all assets can be transferred to India

MALAYA

Malaya is divided into two administrative units the Federation of Malaya and the Colony of Singapore

Of the total Indian population of about 7 lakhs about 70 per cent are labourers in rubber and tin estates, and the rest are either clerks or employed in business trade and other professions like law and medicine

Indians do not suffer from any special disabilities

Indians are eligible for citizenship of the Federation of Malaya if they fulfil the prescribed conditions Under the new citizenship code for the Federation which came into force on September 15 1952 Federal citizenship is automatic for citizens of the U K and Colonies Most of the Indians in Malaya are qualified or entitled to become citizens of the U K and Colonies under the British Nationality Act 1948

In Singapore there is no citizenship law and the British Nationality Act applies

The Federation of Malaya's Legislature is nominated and there are no elections to it In a Legislative Council of 75 seats Indians have 5 seats In the Federal Executive Council of 20 there is one Indian member

The Colony of Singapore is under a Governor Strength of Executive Council 12 Indian Members 1 Strength of Legislative Council 25, Indians 3

There are no restrictions on Indians in the matter of remittances to India

CANADA

Indian residents of Canada are largely comprised of labourers employed in lumbering and trucking There are a few lumber mill owners and some are working as clerks in various establishments The Indian community is mostly concentrated in British Columbia where there are 1 937 Indians out of a total of 2 148 Indians in the whole of Canada The Indian community is called the East Indian Community

There are no disabilities on Indians in the matter of owning property engaging in trade or profession entering Government service or residence in any locality The period for qualification for citizenship is 5 years In 1952 one Indian was elected to a Municipal Council

Indians can remit to India any amount earned in Canada

BRITISH GUIANA, WEST INDIES

Indians form the bulk of sugar plantation labour in British Guiana and Trinidad A good number of them work also on cocoa plantations They are the backbone of the countries agriculture and grow rice and vegetables There are also a number of prominent Indian merchants doctors and teachers

In British Guiana Indians constitute the largest single racial group (46 per cent of the total population) In Trinidad Indians are about 36 per cent of the total population

Very few Indians have been employed in Government service A vast majority of Indians are illiterate In Jamaica a large number of dairies are owned by Indians

There is no discrimination against Indians in British Guiana or Trinidad and they enjoy the same citizenship rights as other nationals of these territories

In Trinidad the Executive Council has 5 elected members and the Legislative Council 18 elected members There is one Indian in the Executive Council and 6 Indians in the Legislative Council

In the Executive Council of British Guiana there are 6 elected members of whom 3 are Indians The Legislative Council consists of 24 elected members, 8 of whom are Indians

In Jamaica where Indians form only 1 7 per cent of the total population there is one Indian member in the Lower House comprising 32 elected members

Money can be freely sent to India from the British West Indies

MAURITIUS

Indians in Mauritius form about 65 per cent of the total population of the Colony The Indian population is mainly composed of descendants of indentured labourers from Madras, U P and Bihar, but there is a sprinkling of traders from Bombay Indians have settled

there for generations and are now termed Indo Mauritians A large proportion of them are farm labourers on sugar plantations The rest are engaged in commerce and trade or are doctors lawyers, government servants

Indians are mostly illiterate and on the whole their economic and social conditions are not as satisfactory as in some other Colonies

There is no colour bar against Indians nor do they suffer from any political disability

There are 3 Indians on the Executive Council which consists of 10 members including the President (the Governor) and 3 ex officio members In a Legislative Council of 35 consisting of the President (the Governor) 3 ex officio 12 nominated and 19 elected members 13 are Indians Fresh elections to the Legislative Council were due in August September 1953

There are no restrictions on remittances to India

EAST AFRICA

British East Africa consists of the four territories of Kenya, Uganda Tanganyika and Zanzibar

The majority of the Indians in these territories are engaged in commercial undertakings Artisans technicians Government servants doctors lawyers make up most of the balance

Indians in East Africa —numbering about 2 lakhs are mostly concentrated in urban centres In Kenya and Tanganyika they constitute about 29 per cent of the total non native population of each territory in Uganda they form the single largest community among the non Africans being about 82 per cent of the non African population Their general economic condition is on the whole very satisfactory Many of them are quite well to do

In Uganda some Indians have big factories *e g* sugar, sisal and ginning About 90 per cent of the total trade of Uganda passes through Indian hands

Indians (and also other non Europeans) are not allowed to own or lease land in the Kenya Highlands for agricultural and industrial purposes Anti Asiatic regulations prevent the purchase or occupation of certain residential sites in Nairobi and Mombasa (in Kenya) by Indians

Indians are in practice discriminated against in the matter of appointments under the Government they are generally excluded from appointments to higher posts and are denied military training An Indian (or other non European) gets less pay than a European for the same work

In Kenya grants for social services *e g* education are more favourable to Europeans than to Indians Indians are also known to be subject to social disability such as exclusion from European hotels restaurants etc

Indian residents in these territories are entitled to acquire the citizenship of the U K and Colonies under the British Nationality Act Normally one year's continuous stay or birth in the territory is necessary

In Tanganyika Uganda and Zanzibar there is no elective system for filling up seats in the Legislative Councils In Kenya the population is divided into race electorates for the election of members to the Legislative Council the Indian electoral roll is further subdivided as between Indian Muslims and other Indians Out of six seats two are for Indian Muslims and four for other Indians

Indians also enjoy municipal franchise in these territories

The representation of Indians on the Legislative and Executive Councils is shown below

Country	Executive Council		Legislative Council	
	Total	Indians	Total	Indians
Kenya	14	1	54 (28 non officials)	8 (6 elected unofficials – 2 Muslims and 4 other Indians – and 2 nominated officials)
Uganda	14	2	32 (16 non officials)	4 (nominated non officials)
Tanganyika	13	1	29 (14 non officials)	3 (nominated non officials)
Zanzibar	9	–	17 (8 non officials)	2 (nominated non officials)

Since 1st January 1948 Kenya Uganda and Tanganyika have been included in a sort of loose union designated East African High Commission with a common legislature and a common administrative service for certain specific purposes The legislature of the East African High Commission consists of 7 ex officio members, 3 nominated official members (1 from each territory) and 13 non official members The 13 non official members consist of one elected by the non official members of the Legislative Council of each territory one European one Indian and one African member appointed by the Governor of each territory (in Kenya the European and Indian members are elected by the European and Indian members respectively of the Kenya Legislative Council) and one Arab member (appointed by the High Commission)

There are no restrictions on remittances to India

SOUTH AFRICA

Persons of Indian origin in South Africa are mostly labourers traders small farmers factory workers and in small numbers professionals (doctors, lawyers)

Racial discrimination against Indians exists in South Africa in every walk of life and in the worst possible form Persons of Indian origin are practically excluded from parliamentary provincial and municipal franchise as well as from public services except in menial and subordinate posts

Apartheid or racial segregation is the declared policy of the South African Government In accordance with this policy Indians are subject to a number of restrictions as regards immigration, inter provincial migration residence, trade, industry, professional and other occupations Racial segregation is also enforced in schools, post offices railways public transport hotels and public utility undertakings

The outstanding piece of anti Asiatic legislation is the Group Areas Act 1950 By this Act the entire population of the Union has been divided into three main groups White, Native and Coloured Persons of Indian origin are included in the Coloured group The Government will establish by proclamation group areas for exclusive occupation or ownership or both, of any of the groups The various racial communities will have to live and occupy premises for trade and professions only in areas allotted to them Indians and other non Europeans will thus not be able to continue to hold properties in an area declared for the European group The Union Government has already started taking active steps for the proclamation of group areas in a number of important cities in the Union When the Act is fully implemented persons of Indian origin will have to move into the areas exclusively reserved for them and this will disrupt their trade and business and involve immense losses running to millions of pounds

Asians have been declared prohibited immigrants since 1913 but the right of entry into the Union of wives and children of Indians domiciled in South Africa was provided for in the Reciprocity Resolution passed at the Imperial Conference of 1918 and later in the Cape Town Agreement of 1927 The Union Government have now announced their decision to ban the entry into South Africa of the wives and children of persons of Indian origin domiciled in the Union

The aim of the present South African Government in regard to Indians is their ultimate repatriation to India

Practically all Indians domiciled in South Africa are South African citizens by law, but they are denied some of the most important rights of citizenship

No Indian who is not already a South African citizen is allowed to acquire South African citizenship

Indians have no franchise right in the Provinces of Natal and Transvaal In the Cape Province they enjoy limited franchise rights as for Cape Coloureds

Indians are not eligible to a place in the Executive Council or Legislature whether provincial or central

There is no special limit to remittances by Indians to India

The question of the treatment of the people of Indian origin in South Africa was placed before the General Assembly of the United Nations in 1946 In that year the U N General Assembly passed a resolution expressing the opinion that the treatment of Indians should be in conformity with the international obligations under the agreements concluded between the two governments and the relevant provisions of the Charter Resolutions have been passed in subsequent sessions of the U N General Assembly in this respect but the Union Government have paid little attention to these resolutions In the Resolutions adopted in 1950 and afterwards the Union Government was also called upon to suspend the implementation of the Group Areas Act pending the conclusion of negotiations between the Governments of India Pakistan and South Africa But the Government of South Africa has proceeded with the implementation of this Act despite these Resolutions

The General Assembly by its latest Resolution set up a Good Offices Commission to assist the three Government concerned in their negotiations on this question But the South African Government refused to recognise the Commission

SOUTHERN RHODESIA

Indians in Southern Rhodesia are mostly traders Immigration of Indians into Southern Rhodesia has been prohibited since 1929 and only wives and children under 16 of domiciled Indian residents are admitted

Although there are no discriminatory laws as such against Indians in practice and in the interpretation of laws discrimination against them exists, particularly in the social sphere Indians are not eligible for appointments to the Fixed Establishment of the Civil Services and are not admitted into the Armed Forces Indians are required to obtain special permits in order to purchase possess or sell arms and ammunition whereas Europeans can do so on ordinary permits

There is a common roll for all races with common qualifications Of about 50 000 voters in the territory between 400 and 500 are Indians

Southern Rhodesia is a quasi Dominion and has a cabinet of seven Ministers headed by a Prime Minister There are no Indians in the Cabinet The country has an elected Legislative Council consisting of 30 members, all of whom are Europeans Because of the small number of Indian voters, no Indian has been elected to the Legislative Council so far

There is no limit to remittances to sterling area countries

CEYLON

Out of a total of 957 839 persons of Indian origin in Ceylon, about 781 000 (labourers subordinate staff etc) are in the tea rubber and coconut estates The balance of 176 839 is made up of merchants, shop assistants, land proprietors and professional men such as doctors accountants lawyers and their families

There is no restriction on Indians acquiring property in Ceylon but non Ceylonese are not allotted Crown Land Trade in certain commodities and with certain countries like Japan and Germany is exclusively reserved for Ceylonese enterprise Certain rights like fishing rights and the ownership of industries like public transport (omnibuses) are restricted to Ceylonese Government service is restricted to Ceylonese except that foreigners are appointed on a contract basis when no qualified or suitable Ceylonese is available Consequently Indians who have not acquired Ceylon citizenship have severe handicaps Indians are also denied certain privileges such as National Insurance and unemployment relief

The rights of Indians to citizenship are governed by two Acts enacted in 1948 after a discussion between the Indian and Ceylonese Prime Ministers* These Acts are the Ceylon Citizenship Act and the Indian and Pakistani Residents (Citizenship) Act which provide that the Indian residents in Ceylon would be entitled to obtain the citizenship of Ceylon by registration subject to the following conditions (*a*) an applicant must be resident in Ceylon when the Laws came into force and must have been residing in Ceylon since January 1 1936 if a bachelor and since January 1 1939 if a married man (*b*) he must have adequate means of livelihood (*c*) he should be in a position to comply with the laws and customs of Ceylon and (*d*) the application for registration was filed and submitted to the Controller of Registration before August 5 1951

Consequent on an adverse Privy Council judgement an amendment to the Indian and Pakistani Residents (Citizenship) Act was made by the Government in November, 1952 providing that the wife and each minor child of an applicant for citizenship should have been continuously resident in Ceylon from January 1, 1939 or the first anniversary of the marriage, or birth as the case may be whichever was later subject to certain exemptions This has proved a hardship to many persons

Great difficulty has also been encountered by applicants in proving ordinary residence in Ceylon during 1936 47 mainly due to lapse of time lack of documents and the illiteracy of the majority of applicants and consequent inability to provide legal proof of the required residential qualifications

Franchise to the legislation is limited to Ceylonese citizens Indians, even those who were voters till 1949, were disfranchised after the enactment of the Ceylon Parliamentary Election (Amendment) Act of 1949, if they had not acquired Ceylon citizenship

Indians at present enjoy franchise for local bodies but a bill has been introduced in Parliament restricting such franchise only to Ceylon citizens

The Parliament of Ceylon consists of the House of Representatives (Lower House) and the Senate (Upper House) The strength of the House of Representatives is 101 95 elected and 6 nominated members None of the elected representatives could be a non Ceylonese and consequently there is no Indian member in Parliament There is no Indian appointed by the Governor General for either House of Parliament but one person a Ceylonese by citizenship has been nominated to the House of Representatives to represent Indian interests

Remittances from Ceylon are governed by the Exchange Control Regulations in force which are altered from time to time in accordance with the financial situation in Ceylon Under the existing Exchange Control Regulations remittances upto a maximum of one third of proved income in Ceylon may be sent to India All non Ceylonese holding valid residence permits can obtain Exchange Control Cards from the Post Offices for a monthly remittance of Rs 30 for purposes of maintenance

FIJI

Indians have played an important part in the development of the economic resources of the Fiji Islands Indian residents are the descendants of the indentured immigrants from India who started coming into the Colony in 1879 The Indian population is about 47 per cent of the whole population of the Island The majority of the Indians are independent farmers agricultural labourers, skilled and semi skilled workers the rest being teachers, clerks, storekeepers, doctors lawyers Sugar cane production and road transport are Indian monopolies

There is no colour bar in Fiji and Indians suffer from no political disabilities There is also no racial discrimination against Indians with regard to appointment to the civil services. However, under the present Government regulations Indians cannot own land which is marked as Native Land Reserve' or Crown Land without the approval of Government but there are no restrictions on their acquiring freehold land

Indians in Fiji have franchise both in respect of Legislature and Local Town Council but the franchise is on a communal basis

The Legislative Council consists of 31 members —16 officials and 15 non officials In the non-official group Europeans Indians and Fijians have equal representation with 5 members for each group Of the 5 Indian members 3 are elected on a communal franchise and 2 are nominated The Executive Council consists of 4 officials (excluding the Governor) and 3 non-official members One of the non official members is an Indian elected from among the Indian members on the Legislative Council

There are no restrictions on the remittance of money outside Fiji

AUSTRALIA, NEW ZEALAND

The majority of persons of Indian origin settled in Australia are engaged in retail trade or agricultural operations

Indians domiciled in Australia do not suffer from any disability and have all citizenship rights In accordance with the White Australia Policy fresh Indians are however not admitted for permanent settlement

The Commonwealth franchise was granted to Indians domiciled in Australia in 1949

The great bulk of Indians in New Zealand are engaged in the sale of fruits and groceries Domiciled Indians are not generally subject to any disability or discrimination

Indians have always enjoyed the right to vote both in Municipal and Parliamentary elections

Indians can remit a limited amount to India for maintenance of wives and children Upto April 1952 the limit was £55 for wife and £5 for each child (subject to maximum of 4 children) per quarter but since then a 50 per cent cut has been imposed

* An agreement between India and Ceylon on the status of Indian residents in Ceylon was expected to be signed in February.

A TOURIST'S GUIDE*

THE following hints meant for foreign tourists may be useful

1 Every foreign tourist entering India should be in possession of a valid passport issued by his Government

He should also obtain before leaving his country a visa from the Indian representative abroad (or the British representative in countries where there are no Indian representatives) Commonwealth citizens are exempt from the visa requirement, provided their passports are valid for travel to India Persons of non Indian origin domiciled in South Africa are, however, required to obtain entry permits

Transit visas are required even when a person holds a through ticket unless he does not wish to leave the airport or the ship He can however leave the airport or ship by obtaining a landing permit

The maximum period of stay on a tourist visa is 3 months, and on a transit visa 15 days

For short visits not exceeding 2 weeks to Pakistan Ceylon or Nepal return visas can be obtained from the Government

Visas for India are unless otherwise specified, valid for a single journey only

2 All non Commonwealth tourists arriving in India are required to get themselves registered at the port of arrival and obtain certificates of registration They will be registered as "tourists" and will not be required to report their movements to the police or registration authorities during their stay in India

3 The Government of India have placed no health restrictions on persons entering India by sea or air except in regard to yellow fever

However all persons are advised, in their own interest, to be protected against small pox and cholera according to International requirements

4 All baggage is open to customs examination The duty payable on most articles varies from 25 per cent to 75 per cent according to the article

Personal effects are allowed to enter free Also alcoholic liquor up to one quart, provided the tourist can procure a permit on arrival by producing his Tourist Introduction Card

5 Tourists are allowed to bring into India any amount of Indian or foreign currency notes or coins except in the cases specified below

Bank of England notes up to £10 per head Straits dollar notes up to $45 per head Australian notes up to A£4 per head, Egyptian notes £20 Indian notes from Burma Rs 100 Indian coins from Pakistan Rs 5 in value, Indian coins from Afghanistan Re 1 in value There is no limit on the amount of Travellers Cheques

The official rates of exchange are as follows £1 equal to Rs 13 33 U S $1 equal to Rs 4 76 The actual buying and selling rates, however, differ slightly from these rates

Foreign currency notes declared to the customs can be exchanged at any authorized dealer or money changer

6 Tourists are advised to arrange for clearing their baggage by one of the recognized travel agencies

TRAVEL AGENCIES

Here is a list of recognized agencies 1 American Express Co, Inc, Oriental Life Building, 364, Hornby Road, Bombay 2 Balmer Lawrie & Co, Ltd, 21, Netaji Subhas Road, Calcutta, 3 Bharat Travel Service, Ltd, Vanguard House, 11 and 12, Second Line Beach, Madras 1, 4 Cox & Kings (Agents), Ltd, Lloyds Bank Building, Hornby Road, Post Box No 398, Bombay 1, 5 George Waller & Co, 1, Netaji Subhas Road, Calcutta 1, 6 Govan Agencies, Ltd, Post Box No 10, Scindia House, Connaught Circus, New Delhi, 7 Grindlays Bank, Ltd, Post Box No 93 Mint Road, Bombay 1, 8 International Carriers Ltd, 32 Rampart Row, Bombay, 9 Iyer & Son Ltd, Scindia House Connaught Circus, New Delhi, 10 Jeena & Co, 10, Veer Nariman Road, Fort, Post Box No 849, Bombay 1, 11 Lee & Muirhead (India), Ltd, 12, Rampart Row, Fort, Bombay, 12 Mercury Travels (India) Ltd, G P O Box No 925, 25, Netaji Subhas Road, Calcutta, 13 Orient Express Co Ltd Marina Hotel New Delhi 14 Ram Mohan & Co Ltd, National Insurance Buildings 362, Netaji Subhas Road, Madras 15 Thomas Cook & Son Ltd, Hornby Road, Bombay 1 16 Travel Aids, 15, Barakhamba Road New Delhi, 17 Trade Wings 30, Rampart Row, Bombay 18 Trade Wings Ltd, 15 Old Court House Street, Calcutta, 19 Tulsidas Khimji, 46 Veer Nariman Road, Fort, Bombay 20 Venshmal Bassarmal & Bros Kalbadevi Road Post Box No 2112 Bombay 20 21 Jamanalal Sons Ltd, Jehangir Wadia Building, Mahatma Gandhi Road, Fort, Bombay 22 Shipping and Travel Agents Ltd Botawala Chambers, Pherozeshah Mehta Road Fort, Bombay, 23 Raghunathmal Bank Ltd, Hyderabad

Agencies which have their tourist offices in Bombay Madras Calcutta and Delhi are American Express Thomas Cook Grindlays Cox & Kings Trade Wings, International Carriers

There are Government of India Regional Tourist Offices in Bombay Delhi Calcutta and Madras and Tourist Information Offices in Agra and Srinagar

1 Ministry of Transport (Tourist Traffic Branch), New Delhi

2 Regional Tourist Officer 123, Queens Road Churchgate Bombay

3 Regional Tourist Officer Esplanade Mansions 14 16, Government Place East, Calcutta

4 Regional Tourist Officer, 88, Queensway, New Delhi

5 Regional Tourist Officer, 18 A Mount Road Madras

TOURIST CENTRES

Mount Abu (hill station) Pop 4,316 (1941) in Bombay State about 4 000 feet above sea level There are two seasons in the year the first lasting about two and a half months from the middle of March to the beginning of June, and the second lasting about one and a half months from the middle of September to the end of October *Places worth a visit* 1 the Dilwara Jain temples (11th 13th century A D) containing the finest marble carvings in India 2 Achalgarh temples (15th 16th Century A D) and Mandakini Kund 3 Ruins of an ancient town called Chandravati 4 Nakki Talao (lake), 5 Arbuda Devi a shrine cut in rock 6 Guru Shikhar (5 646 ft) highest point in Abu, 7 Sunset point 8 Palanpur point 9 Gaumukh Temple and Agni Kund, 10 the Municipal Park Mount Abu is electrified and has waterworks with public utility taps The chief means of conveyance are rickshaws, taxis and buses There are hotels, dak bungalows and inspection houses at Mount Abu Permission is required to use the dak bungalows and Inspection Houses Mount Abu is reached by railway and road The nearest railway station is Abu Road on the metre gauge section of the Western Railway from Ahmedabad to Delhi From the station Abu Road is about 17½ miles by road and there is regular motor service between the town and the station Taxis can be hired from Mount Abu Motor Service, Abu Road

Agra : Pop 375 665 (1951) a town in U P, stands on the banks of the River Jumuna It was the capital of the Moghul Empire during the reigns of Babar, Akbar, Jehangir and Shah Jehan *Places worth a visit* 1 the Taj Mahal, regarded by many as the most beautiful building in the world 2 the Fort 3 the Juma Masjid 4 Moti Masjid 5 the tomb of Itmad ud Daula, 6 Akbar's tomb at Sikandra about five miles from Agra, 7 Dayal Bagh 8 Twenty three miles from Agra is the deserted city of Fatehpur Sikri founded by Akbar

Agra, which has many railway stations, is on the main Bombay Delhi and Calcutta Delhi lines and is accessible by the Central or the Western or the Northern Railway

Ahmedabad in Bombay State, is an important textile centre It contains numerous monuments of the fifteenth and sixteenth centuries Pop 788 333 (1951)

Aihole near Bagalkot in Bombay State contains about fifty temples important in the development of Hindu architecture and sculpture

Ajanta Caves are 66 miles north of Aurangabad in Hyderabad State The rock cut caves are 29 in number (5 chaityas or shrines and 24 viharas or monasteries, all Buddhist) and present a record of a unique combination of painting sculpture and architecture of a period extending over nine centuries from about the 2nd Century B C to about 7th Century A D Three miles from the caves are a rest house and a travellers bungalow under the charge of the Director of Archæology of the State There is a curator's office next to the rest house from which help and information can always be obtained The caves can be reached from Aurangabad on the railway line between Dronachellam and Manmad by the State Transport buses which regularly ply between Aurangabad Station and the Ajanta caves

Ajmer city of considerable antiquity Hindu and Muslim religious centre contains Western Railway workshop Pop 196 6 3 (1951) *Places worth a visit* 1 the Dargah of Khwaja Sahib (tomb of Muslim saint) 2 the Magazine (Akbar's old palace now museum) 3 Ana Sagar Lake (the marble pavilions round the lake were built by Shah Jehan), 4 Ashurdinka jhouprra (Hut of two and a half days) 5 Taragarh Fortress (built by Akbar), 6 Mayo College, 7 Pushkar, the most sacred lake in India, is about seven miles away The chief means of conveyance are buses, tongas and pao gharis Ajmer lies on the metre gauge section of the Western Railway line between Delhi and Ahmedabad A line from Ajmer goes south to connect it with Khandwa on the Central Railway line between Delhi and Bombay

Allahabad city in U P, situated at the confluence of the Ganga and the Jumuna It has an old fort and also an Asoka pillar Sixty five miles from Allahabad is Kosambi where the ruins of an ancient capital are being excavated Pop 332 295 (1951)

Alwar, Bikaner, Jodhpur, Kotah famous for Rajput historical monuments

Amritsar : town in the Punjab, sacred to the Sikhs Pop 425 747 (1951) Amritsar is the very centre of the Sikh religion and has a big trade in grain and textiles *Places worth a visit* 1 the Golden Temple standing in the Pool of Immortality, 2 Baba Atal Tower, 3 Akal Takht, 4 Ram Bagh Gardens, and 5 Fort Govind Garh The chief means of conveyance in the city are hackney carriages Fares are fixed Amritsar is the Indian terminus of the frontier line from Delhi It is on the Northern Railway

Aurangabad : in Hyderabad is noteworthy because of its proximity to Ellora and Ajanta caves and for handloom textiles *Places worth a visit are* 1 Bibi ka Muqbara—the tomb of Aurangzeb's wife which is a replica of the famous Taj, 2 Panchakki (old water mill) The shrine of Shah Musafir a Muslim saint, lies near by Pop 66,636 (1951)

* In 1952 about 25,450 foreign tourists visited India and the country earned about Rs 45 lakhs When the population of a town is not given it may be generally assumed that it is less than 20,000

Badami in Bombay State is famous for sculptured caves of the 6th century and for a group of Hindu temples Fifteen miles from Badami is Pattadkal with another group of early Hindu temples (7th or 8th century) examples of pure Dravidian architecture

Bangalore Largest city in Mysore and a health resort is about 3 000 feet above sea level It is well laid out and up to date with every urban facility *Places worth a visit* 1 Cubbon Park 2 Lal Bagh 3 Band stand 4 Race Course, 5 Maharaja's Palace 6 Tippu's Palace 7 Venkataramanaswamy Temple The chief means of conveyance are rickshaws, jutkas buses and taxis Pop 778,977 (1951)

Baroda Capital town of the former Baroda State now part of Bombay State is about 250 miles to the north of Bombay, modern pop 211 407 (1951) *Places worth a visit* 1 Laxmi Vilas Palace (the residence of the Maharaja, one of the most beautiful palaces in India) 2 Old Nazar Bagh Palace, 3 Museum and Public Park 4 Jubilee Garden, 5 L I Battery, and 6 the city walls The chief means of conveyance are tongas buses taxis Baroda lies on the main lines of the Western Railway between Bombay and Delhi and Bombay and Ahmedabad

Belur: in Mysore State noted for its elaborately sculptured temples of the Hoysala period

Banaras town in U P on the banks of the Ganges, very sacred to the Hindus It is in fact the religious capital of Hindu India and contains about 1 500 comparatively large temples besides countless minor shrines It is also reputed to be the oldest city in the country Pop 357 175 (1951) *Places worth a visit* 1 Vishwanath Temple, 2 Bharat Mata Temple, 3 Man mandir, with Jaisingh's Observatory 4 Aurangzeb's Mosque 5 Gyan Wapi Mosque 6 Nandeswar Kothi 7 Ramnagar Fort, 8 Maidagin Garden 9 Victoria Gardens 10 Benares Hindu University and 11 Sarnath a great Buddhist centre with many architectural remains is about six miles from Banaras The chief means of conveyance are taxis and tongas

There are also about 30 dharmasalas for Hindu pilgrims Banaras is on the branch line from Moghul Sarai to Saharanpur It is also connected with the major towns of India by railway Pop 355 777 (1951)

Bharatpur : town in Rajasthan is famous for its historic fort Pop 37 321 (1951)

Bhuvaneshwar is to be the new capital of Orissa is a city of temples once said to number 7 000 *Places worth a visit* 1 Jagannath Temple visitors are not allowed inside the compound but have to see it from a platform 2 Muktesh war Temple 3 Parasurameswar Temple 4 Raj Rani Temple Nearby are the Jain and Buddhist rock cut caves of Khandagiri and Udayagiri and Asoka Rock Edict at Dhauli There is a Dak Bungalow where visitors can stay with the District Board's permission Bhuvaneshwar is on the main E R line between Waltair and Howrah about 20 miles from Cuttack and 38 miles from Puri

Bijapur town in Bombay State, capital of the old Muslim kingdom of Bijapur is full of the remains of palaces, mosques, tombs of the rule of the Adil Shahi kings *Places worth a visit* 1 Jami Masjid (the greatest mosque in South India), 2 Gol Gumbaz (the tomb of Mahammad Adil Shah and the second largest dome in the world) also called the Whispering Gallery 3 Methar Mahal, 4 Ashar Mahal 5 Gagan Mahal 6 Chini Mahal 7 Mecca Masjid, 8 Taj Baury (water tank) 9 Malik I Maidan, (Great Gun), 10 Fandi Kasab Gun 11 Haidar Burj (tower), 12 Ibrahim Roza (the tomb and mosque of Ibrahim II), 13 Jala Mandir (reservoir) 14 Chand Bauri (old tank) 15 Granary 16 Jod Gombaz (double tombs), 17 Bara Kaman Masjid, and 18 Begum Tank The chief means of conveyance are taxis, lorries tongas and bullock carts Bijapur is a railway station on the Gadag Sholapur section of the Southern Railway There are a dharmasala and a travellers bungalow about one and a half miles from the station Pop 65,734 (1951)

Bombay second city and port in India generally called the Gateway to India, is big, western modern Pop 2 839 270 Area (Greater Bombay) 111 sq miles It is the principal centre of the textile industry and the second biggest financial centre The foreign trade of Bombay is about 30 per cent of the total trade of India The city returns 25 per cent of the country's total income tax and 40 per cent of the corporation tax It is a big communications centre served by seventeen air lines and two big railways of both of which it is a terminus May and October are the hottest months but from November to March it is pleasant *Places worth a visit* 1 the Gateway of India, 2 Apollo Bunder 3 Prince of Wales Museum 4 the Town Hall 5 Bombay Castle 6 Rajabai Tower and University Building 7 Victoria Terminus of the Central Railway, 8 the General Post Office 9 Crawford Market, 10 Brabourne Stadium, 11 Chowpatty sands 12 Malabar Hill and Hanging Gardens and Kamla Nehru Park 13 Central Station Terminus of the Western Railway 14 Race Course 15 Bhandarwada Reservoir and Gardens 16 Victoria Gardens Places near about Bombay which are worth a visit are 1 Juhu (sea side resort) 2 Versova (sea side resort) 3 Vehar Lake (from which the city gets its water supply) 4 Kanheri Caves (rock cut caves of Buddhist origin) 5 Jogeshwari Caves 6 Vajreshwari (temple and hot springs of medicinal property) 7 Mandapeshwar (cave temple) 8 Nirmal (temple and lake) 9 Ambarnath (temple) 10 Uran (port with private garden and zoo) 11 Pali (hot springs and small game shooting) 12 Elephanta Caves (Brahmanical Caves) The chief means of conveyance in Bombay are trams buses electric railway, taxis and tongas

Brindavan holy place of Hindus about six miles from Mathura in U P It is sacred because of its association with the birth and early life of the Hindu God Shri Krishna *Places worth a visit* 1 Govind Dev Temple 2 Gopinath Temple 3 Rangnath Mandir

There are travellers bungalows Brindavan is accessible by railway or road from Mathura

Budh Gaya : in Bihar a Buddhist centre of pilgrimage It contains the famous medieval Buddhist temple near the Bodhi Tree under which Gautam did penance and attained Enlightenment Pop 133 700 (1951)

Bundi in Rajasthan is well known for its buildings Jungles nearby provide plenty of tiger shooting Pop 22 697 (1951)

Calcutta until March, 1912 the headquarters of the Indian Government and now as then the commercial capital of India It is the terminus of two great railways, and the port of an immense river traffic Though it lies 84 miles from the Bay of Bengal on the River Hooghly, it has a larger foreign trade than any other Indian port and its enterprising Port Trust has the largest revenue among Indian port authorities It is the centre of five great industries—jute, tea, hides and skins coal and lac Its exports include gunny bags raw jute tea, shellac coal hides and skins rice and linseed while it is the chief distributing centre for Lancashire piece goods metals and machinery, and the vast and varied requirements of the States of West Bengal East Bengal (Pakistan) Bihar and Orissa and the tea districts Population of West Bengal is 24 810 308 and of Greater Calcutta 4 578 071 *Places worth a visit* 1 Victoria Memorial (contains picture gallery and museum), 2 the Indian Museum 3 the Zoological Gardens 4 the Jain Temple 5 the Kalighat Temple 6 Belvedere House (where the British Viceroys stayed when on visit to Calcutta) now being turned into a museum 7 Raj Bhavan (residence of the Governor of West Bengal) 8 Marble Palace (containing art treasures property of the Mullik family), 9 Fort William 10 the Eden Gardens, 11 the Town Hall 12 the National Library, 13 Dalhousie Square, 14 the Race Course, 15 Dhakuria Lake, 16 the Hindu bathing ghats 17 Dakshineshwar Temple Places near about Calcutta which are worth a visit are 1 Bally (holy place), 2 Belur (home of the Ramakrishna Mission) 3 the Botanical Gardens (contains the biggest banyan tree in existence), 4 Diamond Harbour (fort and customs house), 5 Dum Dum (airport of Calcutta)

Cape Comorin also called Kanya Kumari in Travancore Cochin is the southern most tip of India

Conjeevaram (Kanchipuram) also called the City of temples the Banaras of the South, is about 45 miles to the south of Madras It is one of the seven holy cities of India and the only one in the South The place is divided into three parts Shiva Conjeevaram (containing Shiva temples) Vishnu Conjeevaram (containing a smaller number of Vishnu temples) and Pillayar Palyam a testimony to the part played by all the main Hindu religious sects in the history of the city There are over a thousand temples in all *Places worth a visit* 1 Kailasnath Temple (over 1 000 years old) 2 Vaikunth Perumal Temple (over 1 000 years old) 3 Ekamberaswar Temple (400 years old) 4 Varadraja Perumal Temple Pop 84 810 (1951)

Conjeevaram is on the Renigunta Chingleput section of the Southern Railway and is easily accessible from Madras *via* Chingleput

Cooch-Behar in north east India, is known for the facilities and opportunities which it offers to shikaris in search of big game hunting Pop 33 242 (1951)

Coonoor hill station on the Nilgiri Hills in Madras State is about 6 000 feet above sea level The climate is mild and genial neither too hot in the summer nor too cold in the winter The mean day temperature is 64 degrees The north east monsoon breaks in October and lasts about two months The town has good water supply and natural drainage facilities and is reputed to be one of the cleanest towns in South India *Places worth a visit* 1 Sim's Park (contains collection of plants) 2 Low's Waterfall 3 Tiger Rock (hill fort) There are innumerable places for excursion and picnic purposes *e g* the Droog the Dolfin Nose, the Lamb's Rock, Law Falls Lady Canning Seat the Ralliah Dam and Catherine Falls The chief means of conveyance are cars which can be hired

Coonoor lies on the Mettupalayam Ootacamund line of the Southern Railway It is also connected by road with Ootacamund and Kotagiri another hill station Pop 23 902 (1951)

Darjeeling : hill station and summer capital of the West Bengal Government lies on the lower slopes of the Himalayas about 370 miles to the north of Calcutta It is 7 110 feet above sea level The maximum temperature in the summer is about 70 degrees and the minimum in the winter is about 30 The town commands picturesque views including that of Mount Kanchenjunga and on a clear day of Mount Everest Various sports are available during the season such as fishing shooting, horse riding and a number of other indoor and outdoor sports Darjeeling has also a first class sanatorium known as Eden Sanatorium *Places worth a visit* 1 Government House 2 Town Hall 3 Museum, 4 Observatory Hill (from where a magnificent view of Kanchenjunga can be obtained) 5 the Mall 6 Natural History Botanical Gardens, 7 Birch Hill Park 8 Senchal Lakes, 9 Ghoom Monastery, 10 Tiger Hill (from where the sunrise over Everest is generally viewed)

The chief means of conveyance are rickshaws, ponies and dandies Darjeeling is the terminus of the Darjeeling Himalayan section of the N E Railway is about 27 hours journey from Calcutta From Siliguri where the visitor has to change, Darjeeling can also be reached by car or Rail Motor which is quicker than travelling by the mountain railway Pop 33,609 (1951)

Daulatabad in Hyderabad State contains the famous rock hewn 12th century fortress at one time so prosperous that it led Bin Tuglak to shift his capital to it from Delhi (1308) Close by is the tomb of the Moghul Emperor Aurangzeb

Delhi (New): the capital of India and the seat of the Government It was planned in accordance with modern ideas by the architects Sir Edwin Lutyens and Sir Herbert Baker and was formally opened in 1931 New Delhi houses the President's House (now called Rashtrapati Bhavan) the Parliament, and the Secretariat All the buildings in New Delhi are white except the ones mentioned above These latter are built of red sandstone Pop 276 314 (1951)

Delhi (Old): also called Shahjahanabad, the ancient capital of India stands on the river Jumna, and is enclosed by a stone wall with seven gates It has a history going back to 3,000 years and within an area of 50 square miles eight Delhis rose and declined and fell The seven predecessors of present day Delhi are Kutub, Siri, Tughlakabad, Jahanabad, Firozabad Purana Qulla and Shahjahanabad No city in India contains as many historical remains as Old Delhi One can trace here the growth and decay of almost every dynasty which held sway over the ancient land of Hindustan There are also a number of factories and jewellery and gold and silver embroidery and ivory carvings works for which Delhi is well known Pop 917 700 (1951) Delhi is a great distributing centre for cotton wool and silk Industries include hardware utensils and stoneware Delhi is also a large market for grain Lately tourist traffic has grown into a regular new trade *Places worth a visit* Red Fort Jama Masjid Chandni Chowk Raighat Samadhi Ashoka's Pillars Feroz Shah Kotla Purana Qulla Humayun's Tomb Isa Khan's Tomb Lodi Park and Lodi Tombs, Safdar Jang's Tomb Hauz Khas Kutab Minar Tughlaqabad India Gate or War Memorial Arch, Rashtrapati Bhavan Parliament House National Museum Shri Lakshmi Narayan Temple Jantar Mantar or the Observatory, Museums

The means of conveyance are tongas buses taxis and trams (last in old Delhi only)

Delhi is directly connected by rail and air with Bombay Calcutta and Madras The Central and Western Railways connect it with Bombay the Northern and Eastern Railways connect it with Calcutta and the Southern and Central Railways together connect it with Madras

Delhi also lies on the direct East West trans world air routes linking India with all the major cities of the world

Ellora Caves: are situated about 15 miles to the north west of Aurangabad in Hyderabad State The caves which are excavated in the face of a hill are 34 in number and run north to south for a distance of a mile and a quarter The hill has the shape of a crescent the southern, the centre and the northern being occupied respectively by Buddhist Hindu and Jain temples There are 12 Buddhist caves, 17 Hindu caves and 5 Jain caves The Hindu caves are more lavishly decorated than others and Kailash Temple which is the most famous of the caves is also the biggest cave temple in India It stands in a court averaging 154 feet wide 276 feet long with a scarp 107 feet high at the back Among other notable caves are caves X XII XIV XV XXIX, XXXIII XXXIV It is believed that the Ellora Caves are about a thousand years old They are reached from Aurangabad by bus or car

Ernakulam in Travancore Cochin is famous for its back waters fringed by Hindu, Muslim, Christian and Jewish settlements Pop 62 283 (1951)

Fatehpur Sikri: founded by Akbar in 1569 but now a dead forsaken city, is situated 23 miles from Agra Akbar wished to make it his capital but it had to be abandoned because of lack of water Here Akbar's son Salim who later became the Emperor Jehangir was born The place contains a number of palaces shrines, mosques built of marble and red sandstone *The more notable among the monuments are* 1 Buland Darwaja, the Gateway of Victory, built to commemorate the conquest of Khandesh It is 176 feet high and is the highest gateway in India It forms the southern gateway to the most imposing structure in Fatehpur Sikri, 2 the Jami Masjid, said to be a copy of the mosque at Mecca or Medina Then there are 3 Panch Mahal 4 Diwan i Khas (Hall of Private Audience) 5 Mariam's House, 6 Palace of Jodh Bai 7 House of Birbal 8 Elephant Tower and 9 Khas Mahal Fatehpur Sikri has a railway station, and the ruins can also be easily reached by car There is a dak bungalow where visitors can get meals by previous arrangement

Golconda 5 miles from Hyderabad is an ancient spectacular fort

Gopalpur-on-Sea in Orissa is a sea side resort for a quiet holiday

Gulmarg an ideal hill station about twenty nine miles from Srinagar is a little less than 9 000 feet above sea level The place boasts of all modern facilities and is particularly noted as a winter play ground affording scope for skating, skiing, tobogganing and golf Round about are ideal places for walks rides and excursions

Gwalior: one of the two capital towns of Madhya Bharat best known for its fort (which is reputed to be the most interesting and remarkable example of a Hindu palace of an early age) lies about 200 miles to the south of Delhi *Places worth a visit* 1 Gwalior fort (includes Man Singh's Palace and a number of temples and shrines) 2 Tansen's Tomb, 3 Rani Laxmi Bai's Chhatri, 4 the Chhatries of other Mahratta rulers, 5 Tomb of Mahomed Ghaus 6 Jami Masjid 7 State Museum, 8 King George Park and Zoo 9 Gwalior Pottery Works Seventy two miles from Gwalior is Shivpuri or Sipri famous for its lake and scenery Survaya which is twelve miles again from Shivpuri contains the remains of a fortress of the early medieval period The chief means of conveyance are tongas and buses There are two dharmsalas open only to Hindus but at Dufferin Sarai opposite the station rooms are available for rent Gwalior is on the main Central Railway line between Bombay and Delhi Pop 241 577 (1951)

Halebid in Mysore is well known for its elaborately sculptured temples of the Hoysala period

Hampi in Mysore State is the ruined capital of the Vijayanagar Empire It is 8 miles from the Hospet Railway Station on the Southern Railway The ruins are about 600 years old and are described as virtually a vast open air museum of Hindu monuments in the Dravidian style of architecture

Hardwar in U P on the Inner Himalayas is a great Hindu pilgrim centre

Imphal north east frontier town and capital of Manipur It is celebrated for the Manipur dance and handloom products

Jabalpur in Madhya Pradesh, fourteen miles from Jabalpur are the marble rocks Pop 256 998 (1951)

Jaipur: provisional capital of Rajasthan Union is a well laid out modern city It is famous all over India for the beauty of its art and the skill of its artisans Jaipur pottery brass ware, stone carving ivory and sandal wood work and jewellery have enjoyed a great reputation from ancient times Pop 291 130 (1951) *Places worth a visit* 1 Maharaja's Palace, 2 Jai Singh's Observatory 3 the ruins of Amber (ancient capital), 4 the Hawa Mahal, 5 the Palace Armoury, 6 Cenotaphs of the Queens, 7 Galta (place of pilgrimage) and Ghat 8 School of Arts, 9 Public Library, 10 Transport Gardens 11 Museum The chief means of transport are tongas, ekkas, phaetons taxis, buses and palgharis

Jaipur is on the metre-gauge line of the Western Railway between Ahmedabad and Delhi

Jamshedpur in Bihar, famous as India's steel town Pop 218,162 (1951)

Jog Falls: in Mysore State, are one of the highest waterfalls in the world

Junagadh: in Saurashtra is situated below the celebrated Girnar Hill and is one of the most ancient cities in India The temples on the hill are noted for their architecture and delicate painting On the way to Girnar is a rock with an Asoka edict Pop 62 730 (1951)

In Junagadh is the famous Gir Forest the only place in Asia where lions are found

Kangra Valley: famous for its magnificent landscapes and historic temples lies in the Punjab Semi urban hill stations are Kangra and Dharamsala *Places worth a visit in Dharamsala are* 1 Bhagsunath Water Springs 2 State Quarries 3 Himalayan Snow View The chief means of conveyance are cars and buses There is also a dak bungalow at Dharamsala where visitors can stay To get to the Kangra Valley a visitor has to change at Pathankot into the narrow gauge railway which runs to Nagrota Dharamsala can also be reached from Pathankot by car

Kanheri: in Bombay State, is famous for Buddhist caves of different dates beginning with the 1st century A D It is about twenty miles from Bombay

Kashmir unsurpassed for the beauty of its mountains lakes and valleys is this province of the State of Jammu and Kashmir situated in the far north of India 5 000 ft above sea level Srinagar the capital of the State is famous for its shawls and carpets and the exquisite beauty of its wood work and papier mache articles Its fruit and vegetables are equally well known Well furnished luxurious house boats marooned along the river Jhelum or in the Dal Lake provide all necessary comforts amidst gorgeous natural surroundings The normal recreations include trips on lakes, shikaras, mountain climbing big and small game golf fishing and swimming Gulmarg Sonamarg and Pahalgam are favourite holiday resorts in the neighbouring mountains and can be reached by motorable road The way to Srinagar is from Pathankot, which is a railway terminus From Pathankot one goes to Srinagar by road passing Jammu on the way There is a regular air service from Delhi to Srinagar and shuttle non scheduled air service from Pathankot to Srinagar during the tourist season The chief means of conveyance are boats tongas cars or buses *Places worth a visit* 1 The Moghul Gardens like *a* Shalimar, *b* Chashma, *c* Acchabal *d* Shalu and *e* Nishat 2 The lakes like *a* Dal Lake *b* Wular Lake, *c* Anchar Lake, *d* Manasbal Lake and so on 3 Places of historical and religious interest like *a* Martand temple *b* Pandrenthan temple *c* Bhaumazu caves, *d* Avanti Pura and *e* Pari Mahal

Khajuraho is famous for its group of highly ornate mediaeval temples

Kodaikanal: famous hill station on the Palni Hills in South India It is about 7 000 feet above sea level and is neither too hot nor too cold The average annual rainfall is 65 inches, the major part of the rain falling in October, November and December The months of April, May and June constitute the season The town enjoys excellent water supply and is also well equipped with all the ordinary amenities of life The place affords plenty of scope for such recreations as walking hiking boating, fishing hill climbing and golf Going on an excursion or picnic is yet another way of diverting oneself For the more adventurous there is big game hunting Kodaikanal is the delight of the gardener and plants are in bloom all the year round *Places worth a visit* 1 the lake skirted by a three mile road, 2 the water falls like *a* Fairy Falls, *b* Silver Cascades, *c* Bear Shola Falls, *d* Glen Falls, *e* Pamber Falls, 3 There are view points like *a* Coaker's Walk, *b* Pillar Rocks, *c* Prospect Point, *d* Vembadi Shola Peak, *e* Dolphin's Nose Then 4 the Solar Observatory

There are a number of boarding houses, and fully furnished flats can also be rented Kodaikanal is reached from Kodaikanal railway junction on the Southern Railway *via* Tiruchirapalli Kodaikanal town is 50 miles from the railway station and the journey can be done by car, taxi or bus on a very good motoring road

Kanarak or Konark : place in Orissa famous as the site of the Temple of the Sun God otherwise called Black Pagoda It is remarkable both as an example of ancient Indian architecture and sculpture and of engineering skill A great part of the temple is destroyed but the porch stands with the huge figures of warriors and life sized pieces of horses and elephants and the famous carved wheels at the basement The image of the sun in the yard of Puri Temple is generally supposed to have come from Konarak Konarak is about 50 miles from Puri by bus or taxi 40 miles from Bhuvaneshwar by bus or taxi The road is open from November to May

Kolar : In Mysore is the site of the famous gold fields Pop 1 10084 (1951)

Kotagiri : hill station on the Nilgiris higher than Coonoor but lower than Ootacamund is smaller and quieter than either It is about 6 500 feet above sea level and has a mean day temperature of 62 degrees The town has electricity a number of shops and boarding houses a local board hospital and golf course Kotagiri is reached from Coonoor or Ootacamund by car or bus The roads are excellent and there is regular bus service Between Kotagiri and Ootacamund the road goes over Dodda betta the highest peak in the Nilgiri Hills

Kulu Valley well known for the variety of its scenery and places of historical interest is situated in the Punjab north of Simla It is ideal for hiking and trout fishing The important part of the Valley from the tourist's point of view is the road which runs from Pathankot or Nagrota the railheads into the valley A few miles beyond Pathankot the road passes through the rich cultivation of the Kangra Valley and the extensive tea gardens surrounding Palampur and Baijnath The traveller has a view of the majestic snow capped mountains of the Dhaula Dhar range standing out in bold relief against the sky line He also comes across the ancient temples of Baijnath Beyond Aut after Mandi the valley opens out and the final stretch through the lovely Kulu Valley mainly along the left bank of the river Beas offers an entirely different type of scenic effect The Kulu Valley is also called the Valley of the Gods as in addition to several important deities like Raghunathji at Sultanpur and Jamlu of Malana every village has its own particular God The best season is from March to May and September to November The summer is never uncomfortably hot The main centres of the Kulu Valley are 1 Kulu or Sultanpur, the principal town, about 4,000 feet above sea level It is the main shopping centre and has a dak bungalow and a number of rest houses 2 Raison, 8 miles from Sultanpur and 4 700 feet above sea level The available sports are golf tennis and swimming Mayflower and the Shacks are two hotels 3 Katrain is in the widest part of the Valley 12 miles from Sultanpur and 4,800 feet above sea level 4 Naggar, summer headquarters is 5 800 feet above sea level There is a departmental rest house and a serai 5 Manali the head of the valley and terminus of the motor road, is 23 miles from Sultanpur and is situated amid typical alpine scenery Accommodation for visitors is available at Sunshine Orchards, Departmental rest houses and Mission Hospital Except Manali, the road to which may be occasionally closed owing to snow fall the rest of the valley is open throughout the year Pathankot is the rail head for Kulu From Pathankot Kulu is reached by bus or car or from Pathankot to Nagrota by metre gauge railway and from there by bus to Kulu

Kumaon Hills In U P form part of the Himalayas and are known as the sportsman's paradise Two important summer resorts are Naimital and Ranikhet Most mountaineering parties establish their base at Ranikhet

Tiger shooting is available in the Jeral and Bhabhar Forests in the Kumaon region

Lansdowne in U P in Garhwal about half way between Mussoorie and Naimital

Lonavla in Bombay State, lies in the heart of the Western Ghats and is known for the Karla Caves—6 miles from Lonavla by car

Lucknow : the city of gardens is the capital of U P It is full of places of historical interest and of architectural beauty and is generally regarded as the cultural capital of Moghul India It is well known for its pottery, copper and brass ware, wood and ivory carvings and gold and silver embroidery on cloth Legend connects the founding of the city with Laxmana, the brother of Rama, the mythical hero of the Hindus, and is sometimes called Laxmanpur Pop 496,861 (1951) The chief means of conveyance are tongas ekkas phaetons and taxis *Places worth a visit* 1 Great Imambara 2 Small Imambara 3 tombs of Wajid Ali Shah and his Begum 4 Kaiser Pagh Palace 5 Chattar Manzil 6 Dilkhusha Palace 7 Moti Mahal 8 Machi Bhavan Palace 9 Jumma Masjid, 10 Charbagh, 11 Alumbagh, 12 Sikander Bagh, 13 Musa Bagh, 14 Wingfield Park, 15 Residency, 16 Havelocks Tomb 17 Clock Tower 18 Museum 19 Observatory 20 Iron Bridge Lucknow is a big junction on the Northern Railway

Madras the third largest city in the sub continent and the capital of Madras State It is the place where the English first settled to trade Pop 1 416 056 (1951 census) The chief means of conveyance are rickshaws jutkas horse carriages taxis buses and trams *Places worth a visit* 1 Fort St George (contains the oldest Protestant church in the country where Clive was married) 2 High Court 3 Light House from the top of which one can get a panoramic view of the city 4 Marina The Marina is one of the most beautiful promenades in the world sea bathing is possible at certain points 5 The Museum 6 Connemara Library 7 the Zoo 8 the Observatory 9 Moore Market 10 Parthasarathy Temple 11 Mylapore Tank and Kapaleshwar Temple 12 St George's Cathedral 13 St Thomas Mount 14 Race Course 15 Buckingham and Carnatic Mill 16 Madras Pencil Factory and 17 Adyar where the headquarters of the Theosophical Society are located There are two places round about Madras which are also worth a visit 1 the ruins of the Ginger Fort famous in the days of the Vijayanagar Empire are about 95 miles from Madras and can be reached by rail and road 2 The seven Pagodas of Mahabalipuram are 33 miles by road from Madras and can also be reached by road from Chinglepet Railway Junction Kalakshetra is a well known institution for music dance and drama at Adyar

Madura: the second biggest city in Madras State is a great religious centre, containing as it does a number of famous temples In the old days it was the capital of the Pandya kingdom and has always been a seat of Hindu culture particularly Hindu architecture The silk weaving and textile industries of Madura are also noteworthy *Places worth a visit* 1 The Great Temple actually made up of two temples one of Meenakshi and the other of Shiva Adjoining the temple are *a* Nandi Hall *b* temple of the Saints *c* the Jewel House *d* the Stable Houses Then there is 2 Tirumal Nayak's Palace *Pop* 361,781 (1951)

Mahabaleshwar a hill station in Bombay State the season being April and May It is 4 500 feet above sea level and is noted for its bracing climate It is also well known for its fruit and vegetables, orchids and lilies which bloom in April and May The chief recreations are hiking and driving in a car Among the sports which are available are tennis, golf and polo *Places worth a visit* 1 The two Government Houses old and new 2 Reay Garden and 3 the two temples Krishna and Mahableshwar Then there are a number of points from which magnificent views can be obtained, like Arthur Seat Point, Baghdad Point, Castle Rock, Carnac Point, Connaught Point, Falkland Point, Elphinstone Point, Margney and Lardwick Point and Bombay Point Then there are the waterfalls like Chinaman's Waterfall Dhobi Waterfall Lingmala Waterfall and a lake called Yenna Lake The places of historical interest are all connected with the name of the Mahratha leader Shivaji such as Kamalgarh Fort, Makrandgarh Fort, Pandavgarh Fort, Pratapgarh Fort and Raigarh Fort Near Pratapgarh are the Bhavani Temple and the tomb of *Afzulkhan* All these places are accessible by road from Mahabaleshwar

Mahabaleshwar can be reached from Poona both by road and railway By railway one can go as far as Wathar Station from where Mahabaleshwar is only about half an hour's journey by road

Mandu : in Madhya Bharat is one of the greatest mediaeval city sites in India with extensive remains including fortifications and palaces Seventy eight miles west of Mandu by road *via* Dhar is Bagh which has a large number of caves adorned with fine old frescoes

Matheran the nearest hill station to Bombay is 2,600 feet above sea level and is famous for the magnificent views which it yields The town looks on to the sea and the coastal plain rises imperceptibly until it reaches the steep ascent of the Ghats In his walk round the eighteen mile circumference of the hill the visitor can reach no fewer than thirty three points of which the following deserve mention 1 Garbut Point 2 Panorama Point 3 Porcupine Point, 4 Louisa Point 5 Chowk Point 6 Alexandra Point 7 Belvedere Point 8 Echo Point 9 Monkey Point At every one of these points the visitor will find comfortable seats, shady trees and fine views Among other places which are worth a visit are 1 Charlotte Lake 2 Paymaster Park 3 Band stand 4 Castle Hill Tower 5 Race Course The chief recreations are walking and riding Rickshaws munchils and horses are the chief means of conveyance

Matheran is reached from Neral Station on the main line between Bombay and Poona From Neral there is a light railway to Matheran which is about one and a half hours journey Alternatively one can do the journey by rickshaw or pony by previous engagement at Matheran

Mathura in U P is an important place of pilgrimage for Hindus because of its associations with Shri Krishna It has also an archeological museum Six miles from Mathura is Brindravan Pop 98 552 (1951)

Mussoorie hill station in U P lies 18 miles to the north of Dehra Dun It is 6 980 feet above sea level The town has excellent water supply, electric lighting system hospitals, nursing homes and some of the best schools in India both for boys and girls There are also plenty of sports and amusements And like every Himalayan hill station one can obtain magnificent views of mountain tops and green river valleys Hiking and going on excursion or picnic are among the main recreations The means of conveyance are rickshaws, ponies, dandis buses and cars *Places worth a visit* 1 The falls like *a* Bhatta Falls, *b* Kampitee Falls, *c* Hearsay Falls, *d* Mossy Falls 2 Wimpers Tank 3 Band stand Mussoorie is reached from Dehra Dun by car or bus and is about two hours journey

Mysore (State) : commemorates the destruction of Mahishasur, the demon by Chamundi who is the tutelary goddess of the royal family of Mysore Mysore is a picturesque land of forest and mountain presenting the most diversified and beautiful scenery In the southern forests are found wild elephants for the capture of which khedda operations are undertaken from time to time Tigers, leopards, bears and bisons are also numerous *Places worth a visit in Mysore State* 1 The Chenna Kesava Temple at Belur, 24 miles from Hasan, 2 Sivasamudram Falls on the Cavery River, 3 Hoysaleswara Temple at Halebid, 4 Gersoppa Falls also called the Jog Falls on the Sharavati River, the most famous beauty spot in Mysore The falls are higher than Niagara, 5 Kolar Gold Fields, the biggest in India worked by electric power, 6 Nandidurg, a hill station near Bangalore, and the summer residence of Tippu Sultan, 7 Srirangapatnam of historical and religious interest as the capital of Tippu and as the city of many temples, 8 Shravanabelgola, the great Jain religious centre with the huge statue of Gomateshwara and of course the city of Bangalore and the town of Mysore

Mysore (City) : the capital of the State, is built in accordance with modern standards, and contains a number of beautiful public buildings It attracts great crowds twice a year when the city wears a gala appearance These two occasions are the Maharaja's birthday and the Dasarrah *Places worth a visit* 1 The various palaces (and also stables) like the Maharaja's Palace, Jaganmohan Palace and so on, 2 Chamundi Hill, with the Bull and the Temple 3 Zoological Gardens, 4 Silk Factory, 5 Sandalwood Factory, 6 Krishnarajasagar Dam and the Brindavan Gardens among the most beautiful in the world, about 12 miles from Mysore The chief means of conveyance are jutkas, coaches and taxis Mysore is one of the terminii of the Southern Railway Pop 244,523 (1951)

Naini Tal : hill station and summer capital of the U P Government, is about 6 350 feet above sea level Among the principal recreations are hiking, boating and watching on the lake around which the town stands, and fishing and riding One can also enjoy the Himalayan mountain scenery *Places worth a visit* 1 Cheena Peak, 2 Land's End, 3 Lariya Kanta Peak, 4 Sher ka Danda Peak, 5 Hanuman Top or Dorothy Seat, 6 Camel's Back or Deopatta Peak Naini Tal is reached from Kathgodam railway station which is connected with Bareilly and Mathura From Kathgodam one goes by bus or car to Naini Tal which is 22 miles away

Nalanda in Bihar contains a group of ruined Buddhist temples and monasteries and a small local museum It was the seat of an ancient Buddhist university

Nasik : in Bombay State is a place of pilgrimage for Hindus and is famous for Buddhist rock cut temples of the first century B C and later Pop 47,042 (1951)

Ootacamund hill station and summer capital of Madras State, stands 7 500 feet above sea level on the Nilgiris It is sometimes called the Queen of the hill stations One of the main features which distinguishes it from other hill stations is the number and length of motorable roads which go winding in and out of spacious parks or long stretches of turf studded with ornamental trees The mean temperature for the year is 57 33°, during the winter the thermometer touches freezing point Ootacamund is called the sportsman's paradise plenty of fishing and big game shooting being available There is also golf and tennis and during the season races and tournaments are held *Places worth a visit* 1 Botanical Gardens, 2 Race Course, 3 Assembly Room 4 Dodda Betta the highest peak in the Nilgiris, and 5 Pykara Hydro Electric Dam which is about 18 miles from Ootacamund The chief means of conveyance are jutkas, rickshaws and taxis Ootacamund is the terminus of the Nilgiri Mountain Railway Pop 41,370 (1951)

Pachmarhi : hill station and summer capital of Madhya Pradesh lies on the Mahadeo hills of the Satpura Range and is about 3,500 feet above sea level There are about 20 golf links in the town and plenty of game is also available in the Piparlya forest *Places worth a visit* 1 Bee Dam, 2 Mahadeo Caves, 3 Dhupgarh, highest point in the Satpuras, 4 Dorothy Deep Falls 5 Duchess Falls, 6 Lansdowne Hill, 7 Nilphur springs, 8 Waters Meet, 9 Big Falls, 10 Pansy Pool, 11 Twipram Pool, 12 Saunder's Pool, 13 Pandava Caves Pachmarhi is reached from Piparlya Station on the main Central Railway line from Bombay to Jabalpur From Piparlya, Pachmarhi is 32 miles and the journey can be done by bus or car There is a golf course and facilities for swimming, trekking and riding

Padmanabhapuram : in Travancore Cochin, is the ancient capital of the former Travancore State *Place worth a visit* Palace

Pahalgam : in Kashmir in the lap of the Lidder Valley is situated 60 miles from Srinagar and is famous for its camping sites, and as a base for the Amarnath Cave and Kolahoi glacier

Palitana : in Saurashtra, is famous for its holy hill Shatrunjaya (see separate note) and its Jain temples Pop 24,097

Patna : capital of Bihar, stands on the site of the ancient city of Pataliputra Pop 283,479 (1951)

Poona : in Bombay State has many old palaces and parks and one of the best race courses in India *Places worth a visit are* the National Chemical Laboratory the Defence Academy and the Central Water and Power Research Station at Khadakvasla Pop 480,982 (1951)

Porbander : in Saurashtra, is the birth place of Mahatma Gandhi and an attractive summer resort Pop 58,824 (1951)

Prabhas Patan : in Saurashtra is the site of the famous Somnath Temple, the idol in which was reinstated in May 1951

Puri : famous for the Jagannath Temple is a coastal town in the State of Orissa and is the State's summer capital The car festival when an image of Jagannath is taken in procession in a huge rath is an event of India wide importance The temple has a black marble pillar in front and a 24 feet high stone wall all round There are four entrances The presiding deities are Krishna Balaram and their sister Subhadra Besides the Jagannath Temple other places worth a visit are the monastic establishments (maths) Fifty miles from Puri is Konarak famous for the Sun Temple Pop 19 057 (1951)

Rameshwaram : This holy town in South India is built on an island in the Palk Straits It contains one of India's most venerated temples, perhaps the finest example of South Indian architecture It is in the form of a quadrangular enclosure 650 ft by 1 000 ft The temple is renowned for its vast pillared corridors nearly 4 000 ft long

Ranchi : *hill station* and summer capital of Bihar, noted for its picturesque scenery and fine roads *Pop 100,849 (1951)*

Ranikhet : is a hill station in U P on the Kumaon Hills Most mountaineering parties establish their bases at Ranikhet

Sanchi : small village in Bhopal State, *famous for the Buddhist stupa which is the largest and the best preserved in India The stupa is built with sand stone and is about 103 feet in diameter and 42 feet high The sculpture is remarkable in that there is no anthropomorphic figure* of Buddha The most striking features of the Stupa are the four gates which are profusely carved with scenes from the Jataka stories Sanchi is on the main Central Rly line between Bombay and Delhi There is a State owned dak bungalow at the place where lodging and boarding are available by previous arrangement

Santiniketan : in West Bengal, is the home of the famous Viswa Bharati, the international university founded by Tagore *Places worth a visit are* Rabindra Bhavan (the poet's residence) where his personal belongings, manuscripts, etc are on display and the poet's mud hut where he wrote many of his famous books

The place is 91 miles from Calcutta on the Eastern Railway and 2 miles from Bolpur Station

Sasaram in Bihar is famous for the magnificent tomb of Sher Shah, Emperor of Delhi Pop 29 265 (1951)

Seringapatam : or Srirangapatna in Mysore State 9 miles by road from Mysore city is the ancient capital of Tippu Sultan It has the Sultan's fort mosque and palaces

Sevagram : in Madhya Pradesh is the village where Mahatma Gandhi founded his ashram

Shatrunjaya Hills.—Shatrunjaya, near Palitana in Saurashtra, is also known to the Jains as Siddhagiri or Siddhachala or the Hill of the Perfected Ones It is the most sacred place (*tirtha*) of Shvetambara Jains There are a great number of temples in groups on *tonks* or summits The most important one is the *tonk* of Adishvara Bhagavan The ancient image consecrated by the prophet's son, Batubal, has been replaced This is perhaps the most holy site within the most sacred precincts of the Shatrunjaya Hills At this place a large number of saints are said to have attained *Nirvana* A number of inscriptions have been found here, which have been utilised towards writing the history of Western India and the history of the different schools of Jainism

Shillong is the headquarters of the Assam Government Thirty six miles from here is Cherrapunji the wettest place in the world Pop 53 736 (1951)

Shivpuri also known as Sipri is in Madhya Bharat, 72 miles from Gwalior It is an interesting tourist resort with good hunting and boating possibilities *Pop 21 887 (1951)*

Simla : the former summer capital of the Government of India and the Government of the Punjab, it is situated on a spur of the Himalayas at a height of 7,200 feet Among the recreations of the place are hiking, riding and shooting The roads are excellent *Places worth a visit* 1 President's House 2 Race Course 3 Jakko Hill, 4 Observatory Hill, 5 Prospect Hill, and 6 Mashobra Mahasu, seven miles away There is a very good road into the interior and hikers to Narkanda Kotgarh Rampur and Bushahr can lodge in rest houses that line the road There is also a motor bus service on this road and holiday makers who leave in the morning can be back in Simla by evening The trek route to Kulu commences at Narkanda Simla is also well provided with a number of excellent schools The chief means of conveyance are rickshaws and horses

Simla is reached from Delhi *via* Kalka on the Delhi Ambala line From Kalka there is a mountain railway upto Simla At Kalka motor cars are available for those who prefer to travel by road the journey taking 3½ hours For cheaper travel there are buses which regularly run between Kalka and Simla All through the scenery is superb, with mountain peaks of luxuriant foliage Pop 46 150 (1951)

Somnath : see under Prabhas Patan

Sravanabelgola : in Mysore State, is noted for its Jain temples and the colossal statue of Gomatesvara which is 60 ft high the tallest known monolithic statue in the world erected in 983 A D

Srirangam : an island on the Cavery, two miles north of Tiruchirapalli (Trichinopoly), contains the largest temple in South India The temple is consecrated to Ranganath (Vishnu) and contains a hall of 1,000 columns Changes were made from the 9th to the 16th centuries and inscriptions of Chola, Pandya, Hoysasala and Vijayanagar are all found on it The north *gopuram* is 152 feet high Pop 36,702 (1951)

Tanjore : in the delta of the Cavery river in Madras State is noted for its temples and palaces It was the capital of the Cholas under whom it grew in name and fame as a great centre of culture *Places worth a visit* 1 the temple of Brihadishvara built by Raja Raja the great, 2 Naik's Court 3 Mahratha Court (the two together are often called the Palace in Tanjore), 4 Nandi, the Bull The chief means of conveyance are jutkas and taxis There are also good dak bungalows Tanjore is reached from Madras by the Southern Railway Pop 100 680

Tiruchirapalli (Trichinopoly) the third largest city in Madras State is situated on the Cavery It is a very ancient city and was the strategic capital of the Chola and Naik kings Tiruchirapalli is also known as the Kashi of South It is now a great educational centre *Places worth a visit* 1 the Rock and the temple on the Rock, 2 the two huge masses of granite known as the Golden Rock and Rakir Rock, 3 the Jambukeshwar Temple two miles north of Trichinopoly dedicated to Appulinga or Siva Pop 218 921 (1951)

Travancore (constituent part of Travancore Cochin Union) the most beautiful and fertile region in all southern India has many charms to offer the traveller within its domains It has scenery ranging from a countryside of lakes,

creeks and canals to low hills undulating land, rice fields and forests of cocoanut and areca palms, with a heavy undergrowth of pepper vines and tapioca

It has also a wonderful highland zone with mountains touching heights of from 5 000 feet to over 8 000 feet and hills covered with the densest of virgin forest the home of great herds of wild elephants and bison, tiger bear, black panther and wild boar and where lies the lovely Periyar Lake over which one may cruise in comfort and see wild life in its natural habitat

Trivandrum the capital is accessible by well kept roads and railway and is also now connected by air with Bombay, Madras and Colombo Pop 186 931 (1951)

Place worth a visit 1 the Palaces 2 Museum 3 Picture Gallery 4 Zoo 5 Aquarium

About seven miles south of Trivandrum is Kovalam a pleasant seaside resort with good facilities for bathing

Cape Comorin (Kanya Kumari) the Lands End of India, is the southern most point of Travancore where the sunrise and sunset are magnificent sights It is a sacred spot to Hindus and a place of pilgrimage as the reputed abode of Kanyakumari the virgin Goddess to whom the temple there is dedicated

North of Trivandrum is the ancient town of Quilon and to the north of this again a pleasant trip by boat along delightful backwaters or by car along a good motor road is the busy seaport of Alleppey

Trivandrum See under Travancore

Udaipur in Rajasthan, is a city of lakes with island palaces Seventy miles from Udaipur is Chittorgarh the abandoned capital of Mewar famous for its Tower of Victory Pop 89 621 (1951)

Ujjain : in Madhya Bharat is one of the seven cities sacred to the Hindus Pop 129 817 (1951)

HOTELS

Here is a list of first class Western style hotels

AGRA

AGRA HOTEL 169 Metcalfe Road HOTEL IMPERIAL 12, Mahatma Gandhi Road LAURIE'S HOTEL Mahatma Gandhi Road

AHMEDABAD

RITZ HOTEL Khanpur Road Also Circuit House

ALLAHABAD

BARNETT'S HOTEL 14, Canning Road Civil Lines ROYAL HOTEL 24, South Road, Civil Lines

AURANGABAD

RAILWAY HOTEL About 2 miles from Aurangabad Railway Station GREEN'S HOTEL

BANARAS CANTT

CLARK'S HOTEL Near the Railway Station *HOTEL DE PARIS* Mall Road, Cantonment

BANGALORE

CENTRAL HOTEL HOTEL EMBASSY 406 Infantry Road LAVENDER'S HOTEL 4, Cubbon Road SHILTON HOTEL St Mark's Road, WEST END HOTEL Opp Race Course

BARODA

BARODA HOTEL (Old State Guest House)

BIKANER

STATE HOTEL Outside Public Park

BOMBAY

AIR LINES HOTEL Churchgate Reclamation AMBASSADOR HOTEL Near Churchgate Railway Station, GRAND HOTEL Ballard Estate GREEN'S HOTEL Lansdowne Road, Apollo Bunder HOTEL MAJESTIC 9, Wodehouse Road, Fort MIRAMBELLE HOTEL Lotus House, Marine Lines, Fort, SEA GREEN HOTEL Marine Drive, TAJ MAHAL HOTEL Strand Road, Apollo Bunder, ASTORIA HOTEL Churchgate, RITZ HOTEL Churchgate Reclamation Fort WEST END HOTEL 45 Marine Lines

CALCUTTA

CONTINENTAL HOTEL 12, Chowringhee Road GRAND HOTEL 15 Chowringhee GREAT EASTERN HOTEL 1 3, Old Court House Street

SPENCES HOTEL LTD 4, Wellesley Place

CAPE COMORIN

CAFE HOTEL

CHATTARIUR

CIRCUIT HOUSE For tourists going to Khajuraho For reservation the Deputy Commissioner is to be contacted

COCHIN HARBOUR (Willingdon Island)

MALABAR HOTEL Willingdon Island

COONOOR (Nilgiri Hills)

HAMPTON HOTEL HILL GROVE HOTEL Figure of Light Road

DALHOUSIE

DALHOUSIE CLUB Near the motor terminus, GRAND VIEW HOTEL Near the bus stand, METRO HOTEL Charing Cross

DARJILING

BELLEVUE HOTEL The Mall HOTEL MOUNT EVEREST Gandhi Road, WINDMERE HOTEL Observatory Hill

DEHRA DUN

WHITE HOUSE 15 A, Tytton Road Civil Lines

DELHI

GRAND HOTEL 2 Underhill Road Civil Lines HOTEL AMBASSADOR Sujan Singh Park, New Delhi HOTEL CECIL Civil Lines

HOTEL IMPERIAL Queensway, New Delhi

MAIDEN'S HOTEL Civil Lines Alipore Road

MARINA HOTEL Connaught Circus New Delhi

SWISS HOTEL 2 Alipore Road

DIGHALI

CORONATION HOTEL Sam Road, RUGBY HOTEL Rest Camp Road

GOPALPUR ON SEA

P O Gopalpur (Ganjam)

PALM BEACH HOTEL

GULMARG

GOLF VIEW HOTEL Upper Golf Course, NEDOU'S HOTEL

GWALIOR

GWALIOR HOTEL & STAFF GUEST HOUSE Opposite Railway Station

HYDLRABAD

ROCK CASTLE HOTEL Jubilee Hill

INDORE

INDORE HOTEL Near Railway Station, LANTERN HOTEL North Lukoganj

JAIPUR

KAISER I HIND HOTEL Near Railway Station and Head Post Office NEW HOTEL Civil Lines CIRCUIT HOUSE Station Road

JODHPUR

NEW GUEST HOUSE Pali Road

JABALPUR

JACKSON'S HOTEL Civil Lines

KANPUR

BERKLEY HOUSE Civil Lines

KARWAR

GRAND HOTEL

KHANDALA

KHANDALA HOTEL Near the Railway Station

KODAIKANAL

CARLTON HOTEL Lake Road, HOLIDAY HOME Near the Golf Club

KRISHNARAJ SAGAR

HOTEL KRISHNARAJ SAGAR Brindavan Gardens

LONAVLA

HAMILTON HOTEL Near Railway Station

LUCKNOW

CARLTON HOTEL, LTD Shahnajaf Road, ROYAL HOTEL Abbot Road

MADRAS

AMBASSADOR HOTEL Mount Road, CHISNEY HALL Commander in Chief Road, Egmore Phone No 86830, CONNEMARA HOTEL Mount Road

MAHABLESHWAR

FREDERICK'S HOTEL Poona Mewar Road, RACE VIEW HOTEL Cissum Sajan Hill

MATHERAN

LORD'S HOTEL Mahatma Gandhi Road, RUGBY HOTEL Vithalrao Kotwal Road

MOUNT ABU

MOUNT VIEW HOTEL Dilwara Road.

MUSSOORIE

CHARLEVILLE HOTEL HARMAN'S GRAND HOTEL The Mall SAVOY HOTEL

MYSORE

CARLTON HOTEL Dee's Road, HOTEL METROPOLE Victory Road

NAGPUR

MOUNT HOTEL Commercial Road Civil Lines

NAINITAL

GRAND HOTEL The Mall HOTEL METROPOLE Near Secretariat HOTEL WALDORF ASTORIA The Mall ROYAL HOTEL The Mall

NASIK

LIBERTY HOTEL Bombay Agra Road, GOLF CLUB (Write to District Magistrate)

OOTACAMUND

HOTEL CECIL SAVOY HOTEL

PAHALGAM

PLAZA WAZI

PATNA

GRAND HOTEL Fraser Road

POONA

NAIDER HOTEL 10, Moledina Road Camp, POONA HOTEL 4 Connaught Road, WELLESLEY HOTEL 12 A Connaught Road

PURI

I RAILWAY HOTEL Sea beach

RANCHI

E RAILWAY HOTEL Opposite Railway Station

SECUNDERABAD

PERCY'S HOTEL Alexandra Road

SHILLONG

PERNDALL HOTEL Near the Secretariat, PEAK HOTEL Near the Secretariat PINEWOOD HOTEL Near Government House

SIMLA

CECIL HOTEL
CLARKE'S HOTEL

SRINAGAR

GARDEN HOTEL Boulevard Road GOLF VIEW HOTEL Boulevard Road, NEDOU'S HOTEL Hotel Road, PARK HOTEL The Bund

TRIVANDRUM

MASCOT HOTEL

UDAIPUR

ANAND BHAWAN STATE GUEST HOUSE & STATE HOTEL Near Lakshmi Vilas Palace

DAK BUNGALOWS

Here is a list of Dak Bungalows, Retiring Rooms and Rest Houses, etc at important tourist centres

ACHHABAL (Kashmir) Dak Bungalow

AJANTA State Hotel at Aurangabad Dak bungalows and a State Guest House at Fardapur about 3 miles from the Caves

AJMER Railway retiring rooms and Dak bungalow

ALLEPPEY(Travancore Cochin) Dak bungalow
ALWAR Dak bungalow
ALWAYE (Travancore-Cochin) Dak bungalow
AMRITSAR Dak bungalow
BADAMI Dak bungalow
BAGALKOT (for Aihole), Dak bungalow
BAGH Inspection bungalow
BAGHI (Himachal Pradesh) Dak bungalow
BANIHAL (Kashmir) Dak bungalow
BARODA Dak bungalow
BATOT (Kashmir) Dak bungalow
BELUR Dak bungalow
BHARATPUR Dak bungalow
BHILSA Dak bungalow
BHOJAI Dak bungalow and Circuit House
BHUVANESHWAR Dak bungalow
BIJAIUR Travellers bungalow
BUDH GAYA Dak bungalow at Gaya.
BUNDI Dak bungalow
CHAMBA Dak bungalow
CHIDAMBARAM Dak bungalow
CHITTOR Dak bungalow and Railway retiring room

CONJEEVARAM Dak bungalow
COOCH BEHAR Dak bungalow
DAULATABAD Dak bungalow (Railway Hotel at Aurangabad)
DHAR Dak bungalow

ELLORA Dak bungalow and State Guest House (Railway Hotel at Aurangabad) State Guest House and Dak bungalow at Khuldabad, 3 miles from Ellora

ERNAKULAM Dak bungalow

HAMPI Dak bungalow at Hospet (8 miles from Hampi)

IMPHAL Rest House

JOG FALLS Travellers bungalow

JOGINDAR NAGAR (Himachal Pradesh) Dak bungalow

JUNAGADH Dak bungalow
KARWAR Travellers' bungalow

KHAJURAHO Dak bungalow at Chhattarpur, Circuit House at Nowgong and Panna, and Rest House at Khajuraho

KONARAK Dak bungalow

KOTAH Dak bungalow
KOTTAYAM (Travancore Cochin) Dak bungalow
KUD (Kashmir) Dak bungalow
KULU Dak bungalow and Rest House
MADURAI Retiring room, Circuit House and Dak bungalow
MAHABALIPURAM P W D Inspection bungalow (Can be visited from Madras)
MANDU Dak bungalow
MATHURA Retiring room and Dak bungalow
MOUNT ABU Dak bungalow
NALANDA Rest House
NALDERA (Himachal Pradesh) Rest House
NARKANDA (Himachal Pradesh) Dak bungalow
PALITANA Dak bungalow
PATHANKOT Retiring room
QAZIGUND (Kashmir) Dak bungalow
QUILON (Travancore Cochin) Dak bungalow
RAMESHWARAM Rest House
SANCHI Two dak bungalows
TANJORE Dak bungalow and Railway retiring rooms
TANMARG (Kashmir) Dak bungalow
TIRUCHIRAPALLI Railway retiring rooms
UJJAIN Dak bungalow

MUSEUMS, ART GALLERIES

India is rich in museums and art galleries, a list of which is given below

National Archives of India, New Delhi, Delhi Fort Museum of Archæology, Delhi, Central Asian Antiquities Museum New Delhi, Archæological Museum, Nalanda, Archæological Museum, Sarnath Archæological Museum, Nagarjunikonda, Fort St George Museum, Madras Rajputana Museum, Ajmer Indian Museum, Calcutta, Victoria Memorial Hall, Calcutta, State Museum, Bhuvaneshwar (Orissa), State Museum, Lucknow, Government Museum, Madras, Curzon Museum of Archæology, Mathura, Central Museum, Nagpur, Patna Museum, Patna State Museum, Gauhati (Assam), Palace collection, Aundh Mysore Government Museum Bangalore Baripada Museum Mayurbhanj (Orissa) Khiching Museum, Mayurbhanj, Baroda State Museum and Picture Gallery, Baroda, Barton Museum Bhavnagar (Saurashtra) Bhuri Singh Museum, Chamba (Himachal Pradesh) Archæological Museum Himmatnagar (Idar) Archæological Museum, Gwalior, Hyderabad Museum Hyderabad Indore Museum, Indore, Albert Museum, Jaipur, Sardar Museum Jodhpur Jardine Museum Khajuraho, Chhattarpur (Vindhya Pradesh), Puddukottai Museum, Puddukottai (Madras), Watson Museum of Antiquities Rajkot (Saurashtra), Museum of Archæology, Sanchi (Bhopal), State Museum, Trichur (Cochin), Government (Napier's) Museum, Trivandrum (Travancore), Victoria Hall Museum, Udaipur (Rajputana), Junaghad Museum, Junaghad (Saurashtra), Nawanagar Museum, Nawanagar (Saurashtra), Prince of Wales Museum of Western India, Bombay, Lord Reay Maharashtra Industrial Museum, Poona Bharat Kala Bhavan, Banaras (U P), St Xavier's College Museum, Bombay, Museum of Bangiya Sahitya Parisad, Calcutta, Asutosh Museum, Calcutta University Calcutta Bharat Itihasa Sansodhak Mandal, Poona (Bombay), Allahabad Municipal Museum, Allahabad, Victoria Jubilee Museum, Bezwada, Archæological Museum, Bijapur (Bombay) Victoria and Albert Museum, Bombay, Raipur Museum, Raipur (Madhya Pradesh)

PROTECTED MONUMENTS

The following list of protected monuments along with the place of location is given for purposes of easy reference

Gandhara Sun Temple (8th century A D) Martand (Kashmir)
Sikh Golden Temple (1766 A D) Amritsar
Goddess Sarasvati—Height 120 cm (12th century A D) Bikaner
Capital City (1459 A D) Jodhpur
Kumbha Rana's Jain Temple (15th century A D) Ranakpur
Hawa Mahal (1699 A D) Jaipur
Gateway (17th century A D) Amber
Female figures on a Kushan Period railing (c 100 A D) Muthra
Mother and Child—Kushan Period Sculpture c 100 A D) Muthra
Gupta period Statue of Buddha—Height 217 cm (c 600 A D) Muthra
Tomb of Isa Khan, the Pathan (1545 A D) Delhi
Tomb of Humayun, the Mogul (1556 A D) Delhi
Kutub Minar—Height 238 ft with five storeys (commenced 1232 A D) Delhi
Khas Mahal, Mogul Fort (17th century A D) Delhi
Tomb of Itimad ud-Daula (1622 A D) Agra
Taj Mahal (1653 A D) Agra
Bulanda Darwaza (1602 A D) Fatehpur-Sikri
Sas Bahu Temples (1093 A D) Gwalior
Man Singh Palace of Chit Mandir (1486 A D) Gwalior
Teli ka Mandir (c 9th century A D) Gwalior
Govind Palace of Vir Singh Deo (17th century A D) Datia
Palace of Vir Singh Deo (17th century A D) Orchha
Khandarya—Mahadeva Temple (c 1000 A D) Khajuraho
Vishnu reclining on the serpent Ananta, symbol of eternity, in Vishnu Temple (5th century A D) Deogarh
Liberation of the elephant by Vishnu, in Vishnu Temple (5th century A D) Deogarh
Shiva as the great ascetic—Maha Yogi (5th century A D) Deogarh
Statue of an unknown woman—6 ft 7 ins high—in Indian Museum, Calcutta (5th century B C) Besnagar
Sri Allata of Kaitan Rani Tower—Kirti Stambha (12th century A D) Chitor
Temple of Vriji (1450 A D) Chitor
Palace (16th to 18th century A D) Udaipur
Temple (17th century A D) Udaipur
A ceiling in Adinath Temple (1031 A D) Mount Abu
Pillars and arches in Nemnath Temple (1230 A D) Mount Abu
Rudramal Temple (950 A D) Sidhpur
Kirti Stambha—35½ ft high (c 10th century A D) Vadnagar
Sun Temple (1026 A D) Modhera
Zenana of the Palace (19th century A D) Jamnagar
Temple (18th century A D) Dwarka
Nemnath Jain Temples (1177 A D) Girnar
Tomb of Baha ud Din Bhar Junagadh
863 Jain Temples (11th to 20th century) Palitana
Women's Gallery in Great Mosque (1364 A D) Mangrol
Huthessing Temple (1848 A D) Ahmedabad
Niche in Great Mosque (1424 A D) Ahmedabad
Window of Sidi Saiyad Mosque (16th century A D) Ahmedabad
Mosque (15th century A D) Champaner
Clock Tower and Palace (18th century A D) Baroda
Baroda Gate—height 31 ft (11th to 13th century A D) Dabhoi
Buddha with attendants (4th to 7th century A D) Bagh
Gateway and Stupa (c 150 B C) Sanchi
The Teaching Buddha—Cave No 16 (4th to 6th century A D) Ajanta
Entrance to Chaitya—Cave No 26 (500 to 650 A D) Ajanta
Kailash Cave Temple (8th century A D) Ellora
Panel of Ravana shaking the abode of Shiva—Kailash Cave Temple (8th century A D) Ellora
Mausoleum of Rabia Daurani (17th century A D) Aurangabad

Chand Minar—height 100 ft (1435 A D) Daulatabad

Gondeswara Temple (12th century A D) *Sinnar*

Pandu Lena Chaitya—Cave No 18 (100 B C to 200 A D) Nasik

Buddha—height 21 ft (6th century A D) Kanheri Wall in front of Cave No 3 (6th century A D) Kanheri

Shiva as Creator, Preserver and Destroyer—Trimurti—height 19 ft (8th century A D) Elephanta

Dance of Shiva—Tandava (8th century A D) Elephanta

Marriage of Shiva and Parvati (8th century A D) Elephanta

Donars in front of Chaitaya (100 A D) Karli

Chaitya (100 A D) Karli

Mahakapi Jataka of Buddha in Indian Museum, Calcutta (180 B C) Bhahrut

Maya's Dream, in Indian Museum, Calcutta (180 B C) Bhahrut

Mausoleum in Khusru Bag (17th century A D) Allahabad

Entrance of Ataladevi Mosque—height 75 ft (1408 A D) Jaunpur

Head of Parvati—height 12 cm (5th century A D) Ahich Chatra (Bareli)

Tara, Consort of Avalokiteshwara, in the collection of K J Khandalawalla Bombay *(15th to 17th century A D)* Nepal

Avalokiteshwara of Padmapani—height 22½ ins in the Calcutta Art Gallery (4th century A D) Nepal

Asoka Pillar—*height 33 ft Lion Capital 7 ft* (240 B C) Lauriyanandangarh

Lion Capital of Asoka Pillar, in Sarnath Museum (240 B C) Sarnath

Buddha, in Sarnath Museum (5th century A D) *Sarnath*

Temples and Ghat *(dating earlier than 1000* B C) Benares

Mausoleum of Sher Shah (1540 A D) Sasaram

Buddha Temple—height 180 ft (Seen by Hiuen Tsang in 635 A D) Buddha Gaya

Bronze Buddha, in Nalanda Museum (6th to 8th century A D) Nalanda

Yakshi or Women attendant—height 160 cm (c 200 B C) Patna

Head of a boy, in Patna Museum (3rd to 1st century B C) Patna

Buddha (c 12th century A D) Rajgir

Statue of Surya (Sun)—height 5½ ft in Victoria and Albert Museum, London (12th century A D) Raj Mahal Hills

Hindu Temple (1643 A D) Vishnupur

Yakshi Chulakoka —from Stupa railing at Bharhut height 214 cm, in Indian Museum, Calcutta (2nd century B C) Calcutta

Apsaras in Heaven—Bharhut sculptures, in Indian Museum, Calcutta (200 B C) Calcutta

Bronze Kali's Dance, in Indian Museum, Calcutta (10th to 11th century A D) Calcutta

Statue of Indrani (10th century A D) Jajpur

Skirted female figure—height 89 cm (6th or 7th century A D) Bhubaneshwar

Woman writing with a stylus—height 69 cm (11th century A D) Bhubaneshwar

Markandaya Temple (10th century A D) Bhubaneshwar

Mother fondling child—height 92 cm (11th century A D) Bhubaneshwar

Colossal horse with attendant (c 1200 A D) Konarak

Colossal Elephant (c 1200 A D) Konarak

Sun Temple (c 1200 A D) Konarak

Temples (11th century A D onwards) Puri

Durga slaying the Demon Mahesha (11th century A D) Puri

Pillar in Temple on Ramappa Lake (c 12th century A D) Palampet

Pillar in Hindu Temple (1162 A D) Hanam konda

Kirti Stambha (c 12th century A D) Warangal

Descent of Buddha into the womb of Maya, in Indian Museum, Calcutta (170 A D) Amravati

Court scene on a Medallion, in British Museum, London (2nd century A D) Amravati

Slab from base of Stupa, in Madras Museum (2nd century A D) Amravati

Monastery (6th century A D) Undavalli

Sculpture in Rameshwarswami Temple (1485 A D) Tadpatri

Vishnu as Narsinh (lion) Avtar (1528 A D) Vijayanagar

Chariot—height 26 ft (1521 A D) Vijayanagar

Sculpture on outer wall of Sinhasan Hall in Palace (16th century A D) Vijayanagar

Vishnu sitting on serpent Ananta—ceiling slab in Temple (634 A D) Aihole

Char Minar Mosque—height 186 ft (1591 A D) Hyderabad

Gateway of Banda Nawaz (1640 A D) Gulbarga

Gol Gumbaz or Mausoleum of Mohammed Adil Shah—dome 124 ft wide (1659 A D) Bijapur

Temple (8th century A D) Pattadakal

Vishnu in Cave Temple (c 600 A D) Badami

Pillar in Kashi Viswanath Temple (earlier than 11th century A D) Lakhandi

Temple of Chenna Kesava (12th century (A D) Belur

Dancing figure in Chenna Kesava Temple (12th century A D) Belur

Hoysaleswara Temple (13th century A D) Halebid

Lord Krishna raising Mount Govardhan (13th century A D) Halebid

Bronze—Shiva from Hindu Temple (17th century A D) Vellore, Kalyana Mandapam of Hindu Temple (14th century A D) Vellore

Brass images of Krishnaraya and his two Queens in Vijayanagar Tirumalai Hill Temple (16th century A D) Tirupati

Temple of Vardaraja Swami (earlier than 13th century A D) Conjeevaram

Bronze—Uma, in Boston Museum (12 century A D) *Madras*

Bronze—Parvati in Madras Museum (16th or 17th century A D) Madras

Bronze—Krishna, in collection of K J Khandalawalla Bombay (14th or 15th century A D) Madras

Rock cut Ganesh Rath (680 A D) Mamlapuram

Bas relief "Penance of Arjuna" (7th century A D) Mamlapuram

Temples of Shiva and Parvati (from 500 to 1700 A D) Chidambaram

Sarangpani Vishnu Temple (10th to 14th century A D) Kumbhakonam

Temple Cart Sri Rangam

Vishnu Temple of Raghunatha Swami (16th century A D) Sri Rangam

Jambukesavara Shiva Temple (17th century A D) Trichinopoly

Prasanna Chenna Kesava Temple (1270 A D) Somnathpur

Jinanathpur (12th century A D) Basti

Gomateshvara, Jain Saint—carved out of single rock—height 70 ft 3 ins (980 A D) Sravanabelagola

Huntress—height 136 cm (12th century A D) Mysore

Ratha (17th to 18th century A D) Mysore

Nandi—height 16 ft (1659 A D) Mysore

Audience Hall—Tirumala Nayak Palace (17th century A D) Madura

Menakshi Temple (17th century A D) Madura

Dancing Shiva in the Great Temple (17th century A D) Madura

Dancing Shiva in a ring of flames, in Madras

Museum (10th to 11th century A D) Tanjore

Temple (18th century A D) Rameshwaram

Monolithic Temple (10th century A D) Kalugumalai

Padmanabha Temple (5th century A D) Trivandrum

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GOVERNMENT OF INDIA

INDIA, that is Bharat, is a sovereign democratic Republic It is a union of 29 states, which are divided into four classes called Part A States, Part B States, Part C Sates and Part D States

The Part A Sates are Andhra, Assam, Bihar, Bombay, Madhya Pradesh, Madras, Orissa, Punjab, Uttar Pradesh, West Bengal

The Part B States are Hyderabad, Jammu and Kashmir, Madhya Bharat, Mysore, Patiala and East Punjab States Union Rajasthan, Saurashtra, Travancore Cochin

The Part C States are Ajmer, Bhopal, Bilaspur*, Coorg, Delhi Himachal Pradesh, Kutch, Manipur, Tripura and Vindhya Pradesh

There is only one Part D State Andaman and Nicobar Islands

The constitution of India is federal in nature

The distribution of power between the Centre and the local administrations follows the accepted principle that subjects which for convenience and efficiency ought to be administered on an all India basis are vested in the Union Government, while others (of the nation building sort) which can be conveniently administered on a local basis are vested in the State Governments

Thus, defence, foreign affairs transport and communications, currency and coinage banking, customs and export duties, and the administration of justice at the higher level are all Central subjects, while State powers include those over police, public health, education, agriculture, forests and so on

There is a third group of subjects that fall betwixt and between such as economic and social planning, social security and insurance, labour welfare, price control and vital statistics On these subjects both the Centre and the State can freely legislate, it being understood that whenever there is conflict between Union and State legislation the Union laws prevail

Three detailed lists of subjects are drawn up, the Union List, the State List and the Concurrent List, and the residuary power rests with the Union That is to say, if at any time, a subject which does not figure in any of the three lists comes up for consideration the power of dealing with it lies with the Union Government

Thus the constitution of India is a quasi federation in which the Centre is the dominating partner The Union Government controls the State governments in certain matters The Union has also the power to confer additional powers on the States

Provision is made for removing differences between the various States by empowering the President to establish an Inter State Council

It may be pointed out here that while the relations between the Centre and each of the States are substantially the same the Centre has a higher responsibility for the affairs of some States than in others Thus while in regard to a State like Bombay the Centre can intervene only in case of grave emergency, in regard to a State like Madhya Bharat the Centre has the right to issue directives on day to day administration for a period of ten years

FUNDAMENTAL RIGHTS

In the Indian Union the rights of Indian citizenship are given to 1 One who is born in India, 2 Either of whose parents were born in India, and 3 Who has been a resident of India for five years Provision is also made for persons who are affected by the partition of the sub-continent

Certain fundamental rights are guaranteed to every citizen for the first time All citizens are equal before the law and no discrimination is made on grounds of religion, sex, caste, etc All citizens have equal opportunities

Freedom of speech and expression is guaranteed, and the right to hold meetings (without arms), to form unions and associations, to move freely in India and to reside in any part, to acquire property and to practise any profession are also assured under the Constitution

Life and personal liberty are protected under the law, and there will not be punishment for the same offence more than once Preventive detention is also forbidden except in certain cases

Children under the age of 14 will not be allowed to be employed in factories and forced labour like *begar* is prohibited

India is a secular State and as such there is freedom of conscience Citizens are allowed to profess practise and propagate any religion, and the State will not ordinarily interfere in religious questions The *minorities* are assured of cultural and educational rights

The State can acquire compulsorily property for public purposes but compensation must be paid to the owner of the property concerned But property may also be acquired without compensation in certain cases

All titles, except military or academic, are also abolished

Untouchability is abolished

These fundamental rights can be enforced by the Supreme Court which has the authority to issue prerogative writs such as *habeas corpus, certiorari, prohibition*, etc

In respect to the Defence Forces, however, Parliament has power to legislate on these fundamental rights

It must also be pointed out that some of these fundamental rights can be suspended in case of emergency, and the remedies available for their enforcement may also be suspended by an order of the President

There are also certain Directive Principles in accordance with which the State has to direct its policy These principles are of a recommendatory character and cannot be enforced in a court of law However the State is expected to look upon them as a kind of touch stone for its policy and action

These principles include organization of village panchayats, provision for just and humane conditions of work, maternity relief, a uniform civil code for the citizens provision for compulsory and free education of children and separation of judiciary from executive

UNION EXECUTIVE

The executive head of the Indian Union is the President He is elected by the elected members of the Houses of Parliament and the Legislative Assemblies of all the States His term of office is five years, and he is eligible for re election Only a person who is a citizen of India and has completed the age of thirty-five years is qualified to contest the election

He is the Supreme Commander of the Armed Forces

He has the power to grant pardons or remission of punishment

The President is entitled to the use of an official residence without payment of rent, and a salary of Rs 10,000 per month and allowances Provision has also been made by an Act of Parliament for a pension of Rs 15,000 per annum

The President has the power of summoning proroguing and dissolving Parliament At the commencement of each session he addresses both Houses of Parliament assembled together He has the right of sending messages to Parliament and sending back a Bill presented to him for his consent This power however can be used by him only once

The President has legislative powers under certain circumstances When neither of the Houses of Parliament is in session and the President is satisfied that circumstances exist which make immediate action necessary he may promulgate an ordinance Such ordinance must be put before both the Houses of Parliament and will cease to operate at the expiration of six weeks from the reassembly of Parliament The President can also declare emergency if he is satisfied that the security of India or any part thereof is threatened either *by war or internal* disturbances when the legislature is in session Such a proclamation would give additional powers to the Union executive and the Legislature

The judges of the Supreme Court and the High Courts the Attorney General of India and the Comptroller and Auditor General of India are all appointed by the President The heads of the various States, *i e*, Governors and Rajpramukhs are also appointed by the President He has the power of appointing ambassadors abroad and receiving diplomatic representatives of foreign States

The President places a number of annual reports before Parliament the Annual Financial Statement, the report of the Auditor-General of India relating to the accounts of the Government of India the recommendations of the Finance Commission, the annual report of the Union Public Services Commission and the report of the Special Officer for Minorities

All executive action of the Government of India is taken in the name of the President and it is the duty of the Prime Minister to communicate to the President all decisions of the Council of Ministers

Provision is made for the impeachment of the *President*, by Parliament, for violation of the Constitution If such a resolution is passed by a majority of not less than two-thirds of the total membership, such a resolution has the effect of removing the President from office

In the exercise of his functions, the President has the aid and advice of a Council of Ministers, with the Prime Minister at the head of it The President appoints the Prime Minister and other Ministers are appointed on the advice of the Prime Minister

The Council of Ministers is collectively responsible to the House of the People Every Minister must be a member of either House of Parliament and he is required to take an oath of office and secrecy

The salaries and allowances of Ministers are determined by Parliament

There is a Vice President of India, who is ex officio Chairman of the Council of States The Vice President acts as President during a casual vacancy in the office of the President He is elected by the members of both Houses of Parliament and his term of office is five years

UNION PARLIAMENT

The Parliament consists of the President and two Houses to be known as the Council of States and the House of the People It must meet at least twice a year The maximum strength of the two Houses is to be 250 and 500 respectively

The Council of States is elected by the members of the Legislative Assemblies of the States while the House of the People is elected directly by the voters in the country

The elections to the House of the People are based on adult suffrage and joint electorates There is no reservation of seats for any group except Scheduled Castes and Scheduled Tribes

* A proposal to merge Bilaspur into Himachal Pradesh is under consideration

The Council of States is a permanent body with one third of its members retiring every second year The Chairman of the Council of States is the Vice President of the Union

The House of the People has a duration of five years ordinarily There is a Speaker and a Deputy Speaker of the House both of whom are elected by its members

All these posts carry a salary and allowances

Under certain circumstances, the members can be disqualified and their seats declared vacant

Money Bills can be introduced only in the House of the People The Council of States can only return a bill with its recommendations to the House of the People within a period of fourteen days of its receipt Bills passed by Parliament are submitted to the President for his assent Only on such assent being given does the Bill become law

The language used in Parliament is either Hindi or English

The distribution of seats in the Council of States is as follows —Andhra 12 Assam 6, Bihar, 21 Bombay, 17 Madhya Pradesh 12, Madras 18 Orissa, 9, Punjab, 8 Uttar Pradesh, 31 West Bengal 14 Hyderabad 11 Jammu and Kashmir, 4, Madhya Bharat 6 Mysore 6 Patiala and East Punjab States Union 5 Rajasthan, 9, Saurashtra 4 Travancore Cochin 6, Ajmer and Coorg 1, Bhopal, 1, Bilaspur and Himachal Pradesh 1 Delhi 1 Kutch, 1 Manipur and Tripura, 1, Vindhya Pradesh, 4

Twelve members are nominated by the President, from among persons who are known for their eminence in literature science or art, or for their record of social service

The allocation of seats in the House of the People is as follows —

Andhra, 28, Assam, 12, Bihar 55 Bombay, 45, Madhya Pradesh 29, Madras 46 Orissa 20, Punjab 15 Uttar Pradesh 86 West Bengal, 34, Hyderabad, 25, Jammu and Kashmir, 6 Madhya Bharat 11, Mysore 12, Patiala and East Punjab States Union 5 Rajasthan, 20, Saurashtra, 20, Travancore Cochin 12 Ajmer 2 Bhopal, 2, Bilaspur, 1 Coorg, 1, Delhi, 4, Himachal Pradesh 3, Kutch, 2 Manipur, 2 Tripura, 2 Vindhya Pradesh, 6, Andaman and Nicobar Islands 1

The Supreme Court of India consists of a Chief Justice of India and not more than seven other Judges The appointments are made by the President The salary of the Chief Justice is Rs 5,000 per month and of the other Judges Rs 4,000 per month

For purposes of constitutional law the Supreme Court has exclusive original jurisdiction in any dispute (*a*) between the Government of India and one or more States, (*b*) between the Government of India and one or more States on one side and one or more other States on the other, (*c*) between two or more States only in so far as the dispute involves any question on which the existence of a legal right depends

The Supreme Court has also jurisdiction both appellate and original in matters which involve a substantial question of law as to the interpretation of the constitution

An Attorney General for legal advice and a Comptroller and Auditor General of India for audit and accounts are appointed by the President The Attorney General has the right to appear in all courts in India

STATES

There are three types of States from a constitutional point of view (1) Ten States, that have a Governor as the executive head They are Andhra, Assam, Bihar, Bombay, Madhya Pradesh, Madras Orissa, Punjab, Uttar Pradesh and West Bengal (2) Seven, which have a Rajpramukh at the head They are Hyderabad, Madhya Bharat Mysore, Patiala and East Punjab States Union, Rajasthan, Saurashtra and Travancore Cochin (3) Ten States, which have a Chief Commissioner or a Lieutenant Governor at the head and controlled by the Union Government They are Ajmer, Bhopal Bilaspur Coorg Delhi Himachal Pradesh Kutch Manipur, Tripura and Vindhya Pradesh

Of the third type of State those which have a Lieutenant Governor are Himachal Pradesh and Vindhya Pradesh

Bilaspur is, in fact administered by the Lieutenant Governor of Himachal Pradesh

Andamans and Nicobar Islands are administered by the President through a Chief Commissioner

Kashmir is technically a Part B State but is in fact in a class by itself It is internally autonomous and has even extra territorial jurisdiction It is a part of India only in the matter of the three subjects for which it has acceded—defence foreign affairs and communications Hereditary monarchy has also ceased The head of the State is really a President he is called Sadar i Riyasat

The Governor of a State is appointed by the President And a Rajpramukh is appointed or recognized by the President Executive power is vested in the Governor who is appointed for a term of five years, ordinarily Only a citizen of India and one who has completed 35 years of age, is eligible for such an appointment

The Governor like the President has power to grant pardon, etc He will have a Council of Ministers to aid and advise him The Governor also appoints an Advocate General for the State

Seven States (Bihar, Bombay Madras Mysore Punjab, Uttar Pradesh, West Bengal) have two Houses of Legislature the others, only one The two Houses are called the Legislative Assembly and the Legislative Council The former has a duration of five years, while the latter is a permanent body with one third of the members retiring every second year The minimum strength of the Council is 40 and the maximum one fourth of the State Assembly

It may be added here that three Part C States have only electoral colleges and not Legislatures They are Kutch Manipur and Tripura

The Legislature must meet at least twice a year While the Assembly consists of members who are directly elected from territorial constituencies, the Council consists of members nominated by the Governor elected by the Assembly and of representatives of local bodies and special interests

The total number of seats in the Legislative Assemblies and the Legislative Councils are as follows —

Name of State	Total number of Seats in the Assembly	Total number of Seats in the Council
Andhra	140	—
Assam	108	—
Bihar	330	72
Bombay	315	72
Madhya Pradesh	232	—
Madras	230	45
Orissa	140	—
Punjab	128	40
Uttar Pradesh	430	72
West Bengal	238	51
Hyderabad	175	—
Madhya Bharat	99	—
Mysore	104	40
Patiala & East Punjab States Union	60	—
Rajasthan	160	—
Saurashtra	60	—
Travancore-Cochin	108	—
Ajmer	30	—
Bhopal	30	—
Coorg	24	—
Delhi	48	—
Himachal Pradesh	36	—
Vindhya Pradesh	60	—

Jammu and Kashmir has only a Constituent Assembly yet

The right of summoning, proroguing and dissolving the Legislature is vested in the Governor, who addresses the legislature at the commencement of each session

Like the Parliament there is a Speaker, a Deputy Speaker a Chairman and a Deputy Chairman for the Legislative Assembly and the Legislative Council respectively These officers of the legislatures are entitled to salary and allowances

The language in the legislature can be either Hindi or English or any other language allowed by the Speaker

The State Legislatures cannot discuss the conduct of any judge of the Supreme Court or of a High Court in the discharge of his duties

As the Governor is a part of the legislature, he has certain legislative powers He can promulgate ordinances during the recess of the legislature such ordinances must be placed before the legislature and cease to operate at the expiration of six weeks from the reassembly of the legislature

The salary of the Governor is Rs 5 500 per month and he is also entitled to certain allowances

If the Government of the State cannot be carried on in accordance with the provisions of the Constitution, and the Governor or the Rajpramukh makes a report to that effect to the President the President may by proclamation assume to himself all or any of the functions of the Government of the State He may also declare that the powers of the State legislatures shall be exercised by Parliament, and may suspend any provision of the constitution relating to the State

However, he cannot assume to himself or suspend any of the provisions of the Constitution relating to High Courts

There is a High Court for each State

The administration of the States in group two *e g* Hyderabad is carried on in accordance with the provisions laid down with reference to the States in group one Instead of a Governor, these States have a Rajpramukh Also for a period of ten years from the commencement of the constitution these States will be under the general supervision of the Government of India

The constitution of Part C States is governed by the Government of Part C States Act (Act XLIX of 1951) By this Act all States except Bilaspur, Kutch, Manipur and Tripura have a legislature called the Legislative Assembly Provisions as regards duration, sessions and officers, etc of the Assemblies, are similar to those laid down for Part A States The extent of the legislative power is specifically mentioned in Section 21

There will be a Council of Ministers in each State to aid and advise the Chief Commissioner In case the Chief Commissioner disagrees with the Council, he may refer the matter to the President and act according to his directions The Chief Commissioner and the Council of Ministers will be under the general control of and comply with such particular directions, as may from time to time be given by the President

Special provision is made for the State of Delhi

Provision is also made to meet any situation created by the failure of the constitutional machinery in the Part C States

For the States of Kutch, Manipur and Tripura there are Councils of Advisers set up by the President to assist the Chief Commissioners

For Vindhya Pradesh and Himachal Pradesh there are Lieutenant Governors, whose salaries are fixed at Rs 3,000 per month

As regards Andaman and Nicobar Islands, the President makes rules and regulations for the peace and good government of the State, and appoints a Chief Commissioner for administration The President has the power of making regulations which have the effect of amending or repealing an Act of Parliament

FINANCE

The financial relations between the Union and the States are as follows —There is a Consolidated Fund of India and a Consolidated Fund of each State and all money received is credited to the public account of India or the public account of the State as the case may be Provision is also made for the establishment of a Contingency Fund of India and a Contingency Fund of the State

Certain duties and taxes are levied and collected by the Government of India such as duties in respect of succession to property terminal taxes taxes on railway fares and freights etc But the net proceeds are assigned to the States in accordance with such principles of distribution as formulated by Parliament Certain other taxes like income tax are levied and collected by the Government of India but are distributed between the Union and the States

These matters are now fixed in accordance with the recommendations of the Finance Commission

No moneys can be appropriated out of the Consolidated Fund of India or of a State except in accordance with an Appropriation Act by the appropriate legislature

The property of the Union is exempt from the taxes imposed by a State, and the property and income of State are exempt from Union taxation

The privy purse sums of the Rulers are a charge on the Consolidated Fund of India and these sums are to be exempt from taxes on income

There is a Public Service Commission for the Union and also for most of the States Two or more States may agree to have only one Commission for the group Appointment of members of the Commission are made by the President or the Governor or Rajpramukh as the case may be The Commission conducts examinations for appointments to the services of the Union or the State The Union Commission submits an annual report to the President

ELECTIONS

All elections are directed and controlled by an Election Commission Elections to the House of the People and the Legislative Assemblies of the States are on the basis of adult suffrage Seats are reserved in the House of the People for the Scheduled Castes and the Scheduled Tribes

The President may nominate not more than two members of the Anglo Indian community to the House of the People if he thinks that the community is not adequately represented Similar power is given to the Governor or the Rajpramukh of a State

The claims of the Schedule Castes and the Scheduled Tribes are to be considered in making appointments to services, and for two years after the commencement of the Constitution the Anglo Indians were to have the same proportion in the services as they had immediately before 15th August 1947 This reservation is to be progressively reduced by 10 per cent every two years in such a way that it is to cease completely ten years after the commencement of the Constitution

In fact all reservation including reservation of seats for Scheduled and Tribal classes are to cease ten years after the commencement of the Constitution

A special officer for the Scheduled Castes and the Schedule Tribes has been appointed

OFFICIAL LANGUAGE

Hindi in the Devanagari script is the official language of the Union and the form of numerals is the international form of the Indian numerals

The English language, however, will continue to be the official language for a period of not more than fifteen years from the commencement of the Constitution

The official language of the Union, i.e, English will be used for communication between the Union and a State or between one State and another However, if two States agree Hindi may be used instead of English between them

All proceedings in the Supreme Court and High Courts the texts of Bills and Acts passed by the legislatures and ordinances promulgated by the appropriate authorities are to be in the English language, until Parliament by law provides otherwise

By previous consent of the President proceedings in a High Court may be conducted in Hindi or any recognised State language but judgments decrees or orders passed by the court must be in English

It is the duty of the Union Government to promote and spread the Hindi language The vocabulary for the development of the language is to be drawn primarily from Sanskrit

The States have been given the liberty of adopting any one or more languages used in their territory or Hindi as the official language of the State

The following languages are recognised by the Constitution (1) Assamese, (2) Bengali, (3) Gujarati (4) Hindi (5) Kannada (6) Kashmiri (7) Malayalam (8) Marathi (9) Oriya, (10) Punjabi, (11) Sanskrit (12) Tamil (13) Telugu, (14) Urdu

A commission is to be appointed by the President at the expiration of five years from the commencement of the Constitution to make recommendations to him as regards the progressive use of the Hindi language for official purposes of the Union, and other allied matters

EMERGENCY PROVISIONS

If the President is satisfied that a grave emergency exists and the security of India or any part thereof is threatened either by war or internal disturbance he may make a declaration to that effect Such proclamation must be approved by both the Houses of Parliament, before the expiration of two months otherwise it ceases to operate at the end of that period As a result of this proclamation the Parliament will be authorised to legislate on items included in the State list and the President to issue directions either to the Governor or the Rajpramukh as the case may be Parliament can validate such a proclamation for a period of three years which is the maximum

A request for a declaration of emergency may also come from a State authority

This however would not be applicable to the functions of the High Courts Somewhat similar provision is also made for financial emergency

AMENDMENT OF THE CONSTITUTION

For purposes of amendment the items are divided into three classes with a different procedure for each class

For amendment of the provision with respect to the Supreme Court and the High Courts, the distribution of legislative powers between the Centre and the States, the representation of the States in Parliament, etc the amendment must be passed by both the Houses of Parliament by a majority of the total membership of the House and by a majority of two thirds of the members present and voting, and must further be ratified by the legislatures of not less than one half of the States

In other cases no reference to the State legislatures is necessary Parliament by itself can amend the Constitution in the manner mentioned above In some cases amendments can be effected even by a bare majority such as is required for the passing of any ordinary law The amendments contemplated in Articles 4 169 and 240 fall within this class

RE-ALLOCATION OF SEATS

The Census of 1952 made changes in the composition of the legislatures inevitable Accordingly a Delimitation Commission was set up and certain orders made The composition of the legislatures as laid down in these orders is given below They will come into force at the next general election

The distribution of seats in the House of the People will be as follows The second column gives the number reserved for the Scheduled Castes and the third column the number reserved for the Scheduled Tribes

PART A STATES				
1	Andhra	28	4	1
2	Assam	12	1	2
3	Bihar	53	7	6
4	Bombay	49	4	5
5	Madhya Pradesh	29	4	3
6	Madras	49	8	Nil
7	Orissa	20	4	4
8	Punjab	17	3	Nil
9	Uttar Pradesh	86	16	Nil
10	West Bengal	34	6	2
PART B STATES				
1	Hyderabad	25	Nil	Nil
2	Jammu & Kashmir	6	Nil	Nil
3	Madhya Bharat	11	2	1
4	Mysore	13	2	Nil
5	PEPSU	5	1	Nil
6	Rajasthan	21	2	Nil
7	Saurashtra	6	Nil	Nil
8	Travancore Cochin	13	1	Nil
PART C STATES				
1	Ajmer	1	Nil	Nil
2	Bhopal	2	Nil	Nil
	Bilaspur	1	Nil	Nil
4	Coorg	1	Nil	Nil
5	Delhi	3	Nil	Nil
6	Himachal Pradesh	2	Nil	Nil
7	Kutch	2	Nil	Nil
8	Manipur	2	Nil	1
9	Tripura	2	Nil	1
10	Vindhya Pradesh	5	1	1

The composition of the various State legislatures is as follows The second and the third columns show the number of seats assigned to the Scheduled Castes and the Scheduled Tribes respectively

PART A STATES				
1	Andhra	196	26	5
2	Assam	108	5	9
3	Bihar	330	41	33
4	Bombay	294	25	27
5	Madhya Pradesh	232	32	27
6	Madras	245	30	1
7	Orissa	140	25	23
8	Punjab	119	22	Nil
9	Uttar Pradesh	430	78	Nil
10	West Bengal	238	45	11
PART B STATES				
1	Hyderabad	175	Nil	3
2	Madhya Bharat	99	16	13
3	Mysore	117	21	Nil
4	PEPSU	60	12	Nil
5	Rajasthan	168	18	3
6	Saurashtra	60	Nil	1
7	Travancore Cochin	117	11	Nil

About the Assam Legislative Assembly out of the 108 seats assigned 18 seats will be reserved for the autonomous districts of that State as shown below —

United Khasi and Jaintia Hills district 5 Garo Hills district, 4, Lushai Hills district 3, Naga Hills district, 3, North Cachar Hills, 1, Mikir Hills, 2

DIVISION OF POWER

The following is the full text of the Seventh Schedule showing the three lists of subjects List I is the Union list showing the subjects that are exclusively under the jurisdiction of the Central Government, List II shows the subjects that are under the jurisdiction of the individual States, and List III shows subjects on which both the Central and State Governments can legislate

LIST I—UNION LIST

1 Defence of India and every part thereof including preparation for defence and all such acts as may be conducive in times of war to its prosecution and after its termination to effective demobilisation

2 Naval military and air forces, any other armed forces of the Union

3 Delimitation of cantonment areas local self government in such areas the constitution and powers within such areas of cantonment authorities and the regulation of house accommodation (including the control of rents) in such areas

4 Naval, military and air force works

5 Arms, firearms, ammunition and explosives

6 Atomic energy and mineral resources necessary for its production

7 Industries declared by Parliament by law to be necessary for the purpose of defence or for the prosecution of war

8 Central Bureau of Intelligence and Investigation

9 Preventive detention for reasons connected with Defence Foreign Affairs or the security of India, persons subjected to such detention

10 Foreign Affairs, all matters which bring the Union into relation with any foreign country

11 Diplomatic, Consular and trade representation

12 United Nations Organisation

13 Participation in International conferences associations and other bodies and implementing of decisions made thereat

14 Entering into treaties and agreements with foreign countries and implementing of treaties agreements and conventions with foreign countries

15 War and peace

16 Foreign jurisdiction

17 Citizenship, naturalisation and aliens

18 Extradition

19 Admission into, and emigration and expulsion from India, passports and visas

20 Pilgrimages to places outside India

21 Piracies and crimes committed on the high seas or in the air, offences against the law of nations committed on land or the high seas or in the air

22 Railways

23 Highways declared by or under law made by Parliament to be national highways

24 Shipping and navigation on inland waterways declared by Parliament by law to be national waterways, as regards mechanically propelled vessels, the rule of the road on such waterways

25 Maritime shipping and navigation, including shipping and navigation on tidal waters, provision of education and training for the mercantile marine and regulation of such education and training provided by States and other agencies

26 Lighthouses, including lightships, beacons and other provision for the safety of shipping and aircraft

27 Ports declared by or under law made by Parliament or existing law to be major ports including their delimitation, and the constitution and powers of port authorities therein

28 Port quarantine, including hospitals connected therewith, seamens and marine hospitals

29 Airways, aircraft and air navigation, provision of aerodromes, regulation and organisation of air traffic and of aerodromes, provision for aeronautical education and training and regulation of such education and training provided by States and other agencies

30 Carriage of passengers and goods by railway, sea or air, or by national waterways in mechanically propelled vessels

31 Posts and telegraphs, telephones, wireless, broadcasting and other like forms of communication

32 Property of the Union and the revenue therefrom but as regards property situated in a State specified in Part A or Part B of the First Schedule subject to legislation by the State, save in so far as Parliament by law otherwise provides

33 Acquisition or requisitioning of property for the purposes of the Union

34 Courts of wards for the estates of Rulers of Indian States

35 Public debt of the Union

36 Currency, coinage and legal tender, foreign exchange

37 Foreign loans

38 Reserve Bank of India

39 Post Office Savings Bank

40 Lotteries organised by the Government of India or the Government of a State

41 Trade and commerce with foreign countries, import and export across customs frontiers, definition of customs frontiers

42 Inter State trade and commerce

43 Incorporation, regulation and winding up of trading corporations including banking insurance and financial corporations but not including co-operative societies

44 Incorporation, regulation and winding up of corporations whether trading or not, with objects not confined to one State, but not including universities

45 Banking

46 Bills of exchange, cheques, promissory notes and other like instruments

47 Insurance

48 Stock exchanges and futures markets

49 Patents, inventions and designs, copy right, trade marks and merchandise marks

50 Establishment of standards of weight and measure

51 Establishment of standards of quality for goods to be exported out of India or transported from one State to another

52 Industries, the control of which by the Union is declared by Parliament by law to be expedient in the public interest

53 Regulation and development of oilfields and mineral oil resources, petroleum and petroleum products, other liquids and substances declared by Parliament by law to be dangerously inflammable

54 Regulation of mines and mineral development to the extent to which such regulation and development under the control of the Union is declared by Parliament by law to be expedient in the public interest

55 Regulation of labour and safety in mines and oilfields

56 Regulation and development of inter-State rivers and river valleys to the extent to which such regulation and development under the control of the Union is declared by Parliament by law to be expedient in the public interest

57 Fishing and fisheries beyond territorial waters

58 Manufacture, supply and distribution of salt by Union agencies regulation and control of manufacture, supply and distribution of salt by other agencies

59 Cultivation, manufacture, and sale for export, of opium

60 Sanctioning of cinematograph films for exhibition

61 Industrial disputes concerning Union employees

62 The institutions known at the commencement of this Constitution as the National Library, the Indian Museum the Imperial War Museum, the Victoria Memorial and the Indian War Memorial, and any other like institution financed by the Government of India wholly or in part and declared by Parliament by law to be an institution of national importance

63 The institutions known at the commencement of this Constitution as the Benares Hindu University the Aligarh Muslim University and the Delhi University and any other institution declared by Parliament by law to be an institution of national importance

64 Institutions for scientific or technical education financed by the Government of India wholly or in part and declared by Parliament by law to be institutions of national importance

65 Union agencies and institutions for—

(a) professional, vocational or technical training including the training of police officers, or

(b) the promotion of special studies or research, or

(c) scientific or technical assistance in the investigation or detection of crime

66 Co ordination and determination of standards in institutions for higher education or research and scientific and technical institutions

67 Ancient and historical monuments and records and archæological sites and remains, declared by Parliament by law to be of national importance

68 The Survey of India, the Geological, Botanical, Zoological and Anthropological Surveys of India, Meteorological organisations

69 Census

70 Union public services all India services Union Public Service Commission

71 Union pensions, that is to say, pensions payable by the Government of India or out of the Consolidated Fund of India

72 Elections to Parliament, to the Legislatures of States and to the offices of President and Vice President, the Election Commission

73 Salaries and allowances of members of Parliament, the Chairman and Deputy Chairman of the Council of States and the Speaker and Deputy Speaker of the House of the People

74 Powers, privileges and immunities of each House of Parliament and of the members and the committees of each House, enforcement of attendance of persons for giving evidence or producing documents before committees of Parliament or commissions appointed by Parliament

75 Emoluments, allowances, privileges and rights in respect of leave of absence, of the President and Governors, salaries and allowances of the Ministers for the Union, the salaries, allowances, and rights in respect of leave of absence and other conditions of service of the Comptroller and Auditor-General

76 Audit of the accounts of the Union and of the States

77 Constitution, organisation, jurisdiction and powers of the Supreme Court (including contempt of such Court), and the fees taken therein, persons entitled to practise before the Supreme Court

78 Constitution and organisation of the High Courts except provisions as to officers and servants of High Courts, persons entitled to practise before the High Courts

79 Extension of the jurisdiction of a High Court having its principal seat in any State to and exclusion of the jurisdiction of any such High Court from, any area outside that State.

80 Extension of the powers and jurisdiction of members of a police force belonging to any State to any area outside that State, but not so as to enable the police of one State to exercise powers and jurisdiction in any area outside that State without the consent of the Government of the State in which such area is situated; extension of the powers and jurisdiction of members of a police force belonging to any State to railway areas outside that State

81 Inter State migration, inter-State quarantine

82 Taxes on income other than agricultural income

83 Duties of customs including export duties

84 Duties of excise on tobacco and other goods manufactured or produced in India except—

(*a*) alcoholic liquors for human consumption

(*b*) opium, Indian hemp and other narcotic drugs and narcotics,

but including medicinal and toilet preparations containing alcohol or any substance included in sub paragraph (*b*) of this entry

85 Corporation tax

86 Taxes on the capital value of the assets, exclusive of agricultural land, of individuals and companies, taxes on the capital of companies

87 Estate duty in respect of property other than agricultural land

88 Duties in respect of succession to property other than agricultural land

89 Terminal taxes on goods or passengers, carried by railway, sea or air, taxes on railway fares and freights

90. Taxes other than stamp duties on transactions in stock exchanges and futures markets

91 Rates of stamp duty in respect of bills of exchange, cheques, promissory notes bills of lading, letters of credit, policies of insurance, transfer of shares, debentures, proxies and receipts

92 Taxes on the sale or purchase of newspapers and on advertisements published therein

93 Offences against laws with respect to any of the matters in this List

94 Inquiries, surveys and statistics for the purpose of any of the matters in this List

95 Jurisdiction and powers of all courts, except the Supreme Court, with respect to any of the matters in this List, admiralty jurisdiction

96 Fees in respect of any of the matters in this List, but not including fees taken in any court

97 Any other matter not enumerated in List II or List III including any tax not mentioned in either of those Lists

LIST II—STATE LIST

1 Public order (but not including the use of naval, military or air forces or any other armed forces of the Union in aid of the civil power)

2 Police, including railway and village police

3 Administration of justice, constitution and organisation of all courts, except the Supreme Court and the High Court officers and servants of the High Court, procedure in rent and revenue courts, fees taken in all courts except the Supreme Court

4 Prisons, reformatories, Borstal institutions and other institutions of a like nature, and persons detained therein, arrangements with other States for the use of prisons and other institutions

5 Local government, that is to say the constitution and powers of municipal corporations, improvement trusts, district boards, mining settlement authorities and other local authorities for the purpose of local self government or village administration

6 Public health and sanitation, hospitals and dispensaries

7 Pilgrimages other than pilgrimages to places outside India

8 Intoxicating liquors, that is to say, the production, manufacture, possession, transport, purchase and sale of intoxicating liquors

9 Relief of the disabled and unemployable

10 Burials and burial grounds, cremations and cremation grounds

11 Education including universities, subject to the provisions of entries 63, 64, 65 and 66 of List I and entry 25 of List III

12 Libraries, museums and other similar institutions controlled or financed by the State, ancient and historical monuments and records other than those declared by Parliament by law to be of national importance

13 Communications, that is to say, roads, bridges, ferries, and other means of communication not specified in List I, municipal tramways, ropeways inland waterways and traffic thereon subject to the provisions of List I and List III with regard to such waterways, vehicles other than mechanically propelled vehicles

14 Agriculture, including agricultural education and research, protection against pests and prevention of plant diseases

15 Preservation, protection and improvement of stock and prevention of animal diseases, veterinary training and practice

16 Pounds and the prevention of cattle trespass

17 Water, that is to say, water supplies, irrigation and canals, drainage and embankments, water storage and water power subject to the provisions of entry 56 of List I

*18 Land, that is to say, rights in or over land, land tenures including the relation of landlord and tenant, and the collection of rents, transfer and alienation of agricultural land, land improvement and agricultural loans, colonization

19 Forests

20 Protection of wild animals and birds

21 Fisheries

22 Courts of wards subject to the provisions of entry 34 of List I, encumbered and attached estates.

23 Regulation of mines and mineral development subject to the provisions of List I with respect to regulation and development under the control of the Union

24 Industries subject to the provisions of entry 52 of List I

25 Gas and gas-works

26 Trade and commerce within the State subject to the provisions of entry 33 of List III

27 Production, supply and distribution of goods subject to the provisions of entry 33 of List III

28 Markets and fairs

29 Weights and measures except establishment of standards

*30 Money lending and money lenders, relief of agricultural indebtedness

31 Inns and inn keepers

32 Incorporation, regulation and winding up of corporations, other than those specified in List I, and universities, unincorporated trading, literary, scientific, religious and other societies and associations, co-operative societies

33 Theatres and dramatic performances cinemas subject to the provisions of entry 60 of List I, sports, entertainments and amusements

34 Betting and gambling

35 Works, lands and buildings vested in or in the possession of the State

36 Acquisition or requisitioning of property, except for the purposes of the Union, subject to the provisions of entry 42 of List III

37 Elections to the Legislature of the State subject to the provisions of any law made by Parliament

38 Salaries and allowances of members of the Legislature of the State, of the Speaker and Deputy Speaker of the Legislative Assembly and if there is a Legislative Council, of the Chairman and Deputy Chairman thereof

39 Powers privileges and immunites of the Legislative Assembly and of the members and the committees thereof, and if there is a Legislative Council, of that Council and of the members and the committees thereof, enforcement of attendance of persons for giving evidence or producing documents before committees of the Legislature of the State

40 Salaries and allowances of Ministers for the State

41 State public services, State Public Service Commission

42 State pensions, that is to say, pensions payable by the State or out of the Consolidated Fund of the State

43 Public debt of the State

44 Treasure trove

45 Land revenue, including the assessment and collection of revenue, the maintenance of land records, survey for revenue purposes and records of rights, and alienation of revenues

46 Taxes on agricultural income

47 Duties in respect of succession to agricultural land

48 Estate duty in respect of agricultural land

49 Taxes on lands and buildings

50 Taxes on mineral rights subject to any limitations imposed by Parliament by law relating to mineral development

*A resolution empowering the Centre to legislate on certain items in the State List with a view to separating the admixture of non evacuee interest in evacuee property has been passed by Parliament

These rights relate to Entries 18 and 30 in the State List and comprise rights in or over land, transfer and alienation of agricultural land, money lending, and money-lenders and relief of agricultural indebtedness

Such separation of non evacuee interest in evacuee property, would allow more accurate definition of the "dimensions" of evacuee property Admixture existed in cases where evacuee property was mortgaged to a non evacuee and *vice versa* and where only a part share of a number of co sharers was declared evacuee property

Since evacuee property was scattered all over the country, individual investments by States under Entries 18 and 30 would result in a lack of uniformity

51 Duties of excise on the following goods manufactured or produced in the State and countervailing duties at the same or lower rates on similar goods manufactured or produced elsewhere in India —

(*a*) alcoholic liquors for human consumption

(*b*) opium Indian hemp and other narcotic drugs and narcotics

but not including medicinal and toilet preparations containing alcohol or any substance included in sub paragraph (*b*) of this entry

52 Taxes on the entry of goods into a local area for consumption use or sale therein

53 Taxes on the consumption or sale of electricity

54 Taxes on the sale or purchase of goods other than newspapers

55 Taxes on advertisements other than advertisements published in the newspapers

56 Taxes on goods and passengers carried by road or on inland waterways

57 Taxes on vehicles whether mechanically propelled or not suitable for use on roads including tramcars subject to the provisions of entry 35 of List III

58 Taxes on animals and boats

59 Tolls

60 Taxes on professions, trades callings and employments

61 Capitation taxes

62 Taxes on luxuries including taxes on entertainments, amusements, betting and gambling

63 Rates of stamp duty in respect of documents other than those specified in the provisions of List I with regard to rates of stamp duty

64 Offences against laws with respect to any of the matters in this List

65 Jurisdiction and powers of all courts except the Supreme Court with respect to any of the matters in this List

66 Fees in respect of any of the matters in this List, but not including fees taken in any court

LIST III—CONCURRENT LIST

1 Criminal law including all matters included in the Indian Penal Code at the commencement of this Constitution but excluding offences against laws with respect to any of the matters specified in List I or List II and excluding the use of naval military or air forces or any other armed forces of the Union in aid of the civil power

2 Criminal procedure, including all matters included in the Code of Criminal Procedure at the commencement of this Constitution

3 Preventive detention for reasons connected with the security of a State, the maintenance of public order, or the maintenance of supplies and services essential to the community, persons subjected to such detention

4 Removal from one State to another State of prisoners accused persons and persons subjected to preventive detention for reasons specified in entry 3 of this List

5 Marriage and divorce, infants and minors, adoption, wills, intestacy and succession, joint family and partition, all matters in respect of which parties in judicial proceedings were immediately before the commencement of this Constitution subject to their personal law

6 Transfer of property other than agricultural land, registration of deeds and documents

7 Contracts, including partnership, agency, contracts of carriage and other special forms of contracts, but not including contracts relating to agricultural land

8 Actionable wrongs

9 Bankruptcy and Insolvency

10 Trust and Trustees

11 Administrators general and official trustees

12 Evidence and oaths recognition of laws, public acts and records, and judicial proceedings

13 Civil procedure including all matters included in the Code of Civil Procedure at the commencement of this Constitution, limitation and arbitration

14 Contempt of court, but not including contempt of the Supreme Court

15 Vagrancy, nomadic and migratory tribes

16 Lunacy and mental deficiency, including places for the reception or treatment of lunatics and mental deficients

17 Prevention of cruelty to animals

18 Adulteration of foodstuffs and other goods

19 Drugs and poisons subject to the provisions of entry 59 of List I with respect to opium

20 Economic and social planning

21 Commercial and industrial monopolies combines and trusts

22 Trade Unions, industrial and labour disputes

23 Social security and social insurance, employment and unemployment

24 Welfare of labour including conditions of work, provident funds, employers liability, workmens compensation, invalidity and old age pensions and maternity benefits

25 Vocational and technical training of labour

26 Legal, medical and other professions

27 Relief and rehabilitation of persons displaced from their original place of residence by reason of the setting up of the Dominions of India and Pakistan

28 Charities and charitable institutions, charitable and religious endowments and religious institutions

29 Prevention of the extension from one State to another of infectious or contagious diseases or pests affecting men, animals or plants

30 Vital statistics including registration of births and deaths

31 Ports other than those declared by or under law made by Parliament or existing law to be major ports

32 Shipping and navigation on inland water ways as regards mechanically propelled vessels, and the rule of the road on such waterways, and the carriage of passengers and goods on inland waterways subject to the provisions of List I with respect to national waterways

33 Trade and commerce in and the production, supply and distribution of the products of industries where the control of such industries by the Union is declared by Parliament by law to be expedient in the public interest

34 Price control

35 Mechanically propelled vehicles including the principles on which taxes on such vehicles are to be levied

36 Factories

37 Boilers

38 Electricity

39 Newspapers, books and printing presses

40 Archeological sites and remains other than those declared by Parliament by law to be of national importance

41 Custody, management and disposal of property (including agricultural land) declared by law to be evacuee property

42 Principles on which compensation for property acquired or requisitioned for the purposes of the Union or of a State or for any other public purpose is to be determined and the form and the manner in which such compensation is to be given

43 Recovery in a State of claims in respect of taxes and other public demands including arrears of land revenue and sums recoverable as such arrears, arising outside that State

44 Stamp duties other than duties or fees collected by means of judicial stamps, but not including rates of stamp duty

45 Inquiries and statistics for the purposes of any of the matters specified in List II or List III

46 Jurisdiction and powers of all courts, except the Supreme Court, with respect to any of the matters in this List

47 Fees in respect of any of the matters in this List, but not including fees taken in any court

FUNDAMENTAL RIGHTS

The following is the full text of the Fundamental Rights and the Directive Principle Articles of the Constitution showing the numbers of the Articles

GENERAL

12 In this Part, unless the context otherwise requires, the State includes the Government and Parliament of India and the Government and the Legislature of each of the States and all local or other authorities within the territory of India or under the control of the Government of India

13 (1) All laws in force in the territory of India immediately before the commencement of this Constitution, in so far as they are inconsistent with the provisions of this Part, shall, to the extent of such inconsistency, be void

(2) The State shall not make any law which takes away or abridges the rights conferred by this Part and any law made in contravention of this clause shall, to the extent of the contravention, be void

(3) In this article, unless the context otherwise requires—

(*a*) "law" includes any Ordinance, order bye law, rule, regulation, notification, custom or usage having in the territory of India the force of law,

(*b*) "laws in force" includes laws passed or made by a Legislature or other competent authority in the territory of India before the commencement of this Constitution and not previously repealed, notwithstanding that any such law or any part thereof may not be then in operation either at all or in particular areas

RIGHT TO EQUALITY

14 The State shall not deny to any person equality before the law or the equal protection of the laws within the territory of India

15 (1) The State shall not discriminate against any citizen on grounds only of religion, race, caste, sex, place of birth or any of them

(2) No citizen shall, on grounds only of religion, race, caste, sex, place of birth or any of them, be subject to any disability, liability, restriction or condition with regard to—

(*a*) access to shops, public restaurants, hotels and places of public entertainment, or

(*b*) the use of wells, tanks, bathing ghats, roads and places of public resort maintained wholly or partly out of State funds or dedicated to the use of the general public

(3) Nothing in this article shall prevent the State from making any special provision for women and children

(4) Nothing in this article or in clause (2) of article 29 shall prevent the State from making any special provision for the advancement of any socially and educationally backward classes of citizens or for the Scheduled Castes and the Scheduled Tribes

16 (1) There shall be equality of opportunity for all citizens in matters relating to employment or appointment to any office under the State

(2) No citizen shall, on grounds only of religion race, caste sex, descent, place of birth, residence or any of them, be ineligible for or discriminated against in respect of, any employment or office under the State

(3) Nothing in this article shall prevent Parliament from making any law prescribing in regard to a class or classes of employment or appointment to an office under any State specified in the First Schedule or any local or other authority within its territory, any requirement as to residence within that State prior to such employment or appointment

(4) Nothing in this article shall prevent the State from making any provision for the reservation of appointments or posts in favour of any backward class of citizens which, in the opinion of the State is not adequately represented in the services under the State

(5) Nothing in this article shall affect the operation of any law which provides that the incumbent of an office in connection with the affairs of any religious or denominational institution or any member of the governing body thereof shall be a person professing a particular religion or belonging to a particular denomination

17 Untouchability is abolished and its practice in any form is forbidden The enforcement of any disability arising out of Untouchability shall be an offence punishable in accordance with law

18 (1) No title, not being a military or academic distinction, shall be conferred by the State

(2) No citizen of India shall accept any title from any foreign State

(3) No person who is not a citizen of India shall while he holds any office of profit or trust under the State accept without the consent of the President any title from any foreign State

(4) No person holding any office of profit or trust under the State shall without the consent of the President, accept any present, emolument, or office of any kind from or under any foreign State

RIGHT TO FREEDOM

19 (1) All citizens shall have the right—

(*a*) to freedom of speech and expression,
(*b*) to assemble peaceably and without arms,
(*c*) to form associations or unions,
(*d*) to move freely throughout the territory of India,
(*e*) to reside and settle in any part of the territory of India,
(*f*) to acquire, hold and dispose of property, and
(*g*) to practise any profession, or to carry on any occupation, trade or business

(2) Nothing in sub clause (*a*) of clause (1) shall affect the operation of any existing law or prevent the State from making any law in so far as such law imposes reasonable restrictions on the exercise of the right conferred by the said sub clause in the interest of the security of the State, friendly relations with foreign States, public order, decency or morality, in cluding in particular, any existing or other law relating to contempt of court, defamation or incitement to an offence

(3) Nothing in sub-clause (*b*) of the said clause shall affect the operation of any existing law in so far as it imposes, or prevent the State from making any law imposing, in the interests of public order, reasonable restrictions on the exercise of the right conferred by the said sub clause

(4) Nothing in sub clause (*c*) of the said clause shall affect the operation of any existing law in so far as it imposes, or prevent the State from making any law imposing, in the interests of public order or morality, reasonable restrictions on the exercise of the right conferred by the said sub clause

(5) Nothing in sub clauses (*d*) (*e*) and (*f*) of the said clause shall affect the operation of any existing law in so far as it imposes or prevent the State from making any law imposing, reasonable restrictions on the exercise of any of the rights conferred by the said sub clauses either in the interests of the general public or for the protection of the interests of any Scheduled Tribe

(6) Nothing in sub clause (*g*) of the said clause shall affect the operation of any existing law in so far as it imposes or prevent the State from making any law imposing in the interests of the general public reasonable restrictions on the exercise of the right conferred by the said sub clause and in particular nothing in the said sub clause shall affect the operation of any existing law in so far as it relates to or prevents the State from making any law relating to—

(*i*) the professional or technical qualifications necessary for practising any profession or carrying on any occupation, trade or business or

(*ii*) the carrying on by the State or by a corporation owned or controlled by the State, of any trade business industry or service whether to the exclusion complete or partial, of citizens or otherwise

No law in force in the territory of India immediately before the commencement of the constitution which is consistent with the provisions of article 19 as amended shall be deemed to be void, or ever to have become void on the ground that being a law which takes away or abridges the right conferred by sub clause (*a*) of clause (1) of the said article its operation was not saved by sub clause (2) of that article as originally enacted

Explanation—In this clause the expression law in force has the same meaning as in clause (1) of article 13 of the constitution

20 (1) No person shall be convicted of any offence except for violation of a law in force at the time of the commission of the act charged as an offence, nor be subjected to a penalty greater than that which might have been inflicted under the law in force at the time of the commission of the offence

(2) No person shall be prosecuted and punished for the same offence more than once

(3) No person accused of any offence shall be compelled to be a witness against himself

21 No person shall be deprived of his life or personal liberty except according to procedure established by law

22 (1) No person who is arrested shall be detained in custody without being informed, as soon as may be of the grounds for such arrest nor shall he be denied the right to consult and to be defended by, a legal practitioner of his choice

(2) Every person who is arrested and detained in custody shall be produced before the nearest magistrate within a period of twenty four hours of such arrest excluding the time necessary for the journey from the place of arrest to the court of the magistrate and no such person shall be detained in custody beyond the said period without the authority of a magistrate

(3) Nothing in clauses (1) and (2) shall apply—

(*a*) to any person who for the time being is an enemy alien, or
(*b*) to any person who is arrested or detained under any law providing for preventive detention

(4) No law providing for preventive detention shall authorise the detention of a person for a longer period than three months unless—

(*a*) an Advisory Board consisting of persons who are or have been or are qualified to be appointed as, Judges of a High Court has reported before the expiration of the said period of three months that there is in its opinion sufficient cause for such detention

Provided that nothing in this sub clause shall authorise the detention of any person beyond the maximum period prescribed by any law made by Parliament under sub clause (*b*) of clause (7), or

(*b*) such person is detained in accordance with the provisions of any law made by Parliament under sub clauses (*a*) and (*b*) of clause (7)

(5) When any person is detained in pursuance of an order made under any law providing for preventive detention the authority making the order shall, as soon as may be communicate to such person the grounds on which the order has been made and shall afford him the earliest opportunity of making a representation against the order

(6) Nothing in clause (5) shall require the authority making any such order as is referred to in that clause to disclose facts which such authority considers to be against the public interest to disclose

(7) Parliament may by law prescribe—

(*a*) the circumstances under which, and the class or classes of cases in which a person may be detained for a period longer than three months under any law providing for preventive detention without obtaining the opinion of an Advisory Board in accordance with the provisions of sub clause (*a*) of clause (4),
(*b*) the maximum period for which any person may in any class or classes of cases be detained under any law providing for preventive detention and
(*c*) the procedure to be followed by an Advisory Board in an inquiry under sub clause (*a*) of clause (4)

RIGHT AGAINST EXPLOITATION

23 (1) Traffic in human beings and *begar* and other similar forms of forced labour are prohibited and any contravention of this provision shall be an offence punishable in accordance with law

(2) Nothing in this article shall prevent the State from imposing compulsory service for public purposes, and in imposing such service the State shall not make any discrimination on grounds only of religion race, caste or class or any of them

24. No child below the age of fourteen years shall be employed to work in any factory or mine or engaged in any other hazardous employment

RIGHT TO FREEDOM OF RELIGION

25 (1) Subject to public order, morality and health and to the other provisions of this Part, all persons are equally entitled to freedom of conscience and the right freely to profess, practise and propagate religion

(2) Nothing in this article shall affect the operation of any existing law or prevent the State from making any law—

(*a*) regulating or restricting any economic, financial, political or other secular activity which may be associated with religious practice,

(*b*) providing for social welfare and reform or the throwing open of Hindu religious institutions of a public character to all classes and sections of Hindus

Explanation I—The wearing and carrying of *kirpans* shall be deemed to be included in the profession of the Sikh religion

Explanation II—In sub clause (*b*) of clause (2), the reference to Hindus shall be construed as including a reference to persons professing the Sikh Jaina or Buddhist religion, and the reference to Hindu religious institutions shall be construed accordingly

26 Subject to public order, morality and health, every religious denomination or any section thereof shall have the right—

(*a*) to establish and maintain institutions for religious and charitable purposes,

(*b*) to manage its own affairs in matters of religion

(*c*) to own and acquire movable and immovable property, and

(*d*) to administer such property in accordance with law

27 No person shall be compelled to pay any taxes, the proceeds of which are specifically appropriated in payment of expenses for the promotion or maintenance of any particular religion or religious denomination

28 (1) No religious instruction shall be provided in any educational institution wholly maintained out of State funds

(2) Nothing in clause (1) shall apply to an educational institution which is administered by the State but has been established under any endowment or trust which requires that religious instruction shall be imparted in such institution

(3) No person attending any educational institution recognised by the State or receiving aid out of State funds shall be required to take part in any religious instruction that may be imparted in such institution or to attend any religious worship that may be conducted in such institution or in any premises attached thereto unless such person or if such person is a minor his guardian has given his consent thereto

CULTURAL AND EDUCATIONAL RIGHTS

29 (1) Any section of the citizens residing in the territory of India or any part thereof having a distinct language, script or culture of its own shall have the right to conserve the same

(2) No citizen shall be denied admission into any educational institution maintained by the State or receiving aid out of State funds on grounds only of religion race caste, language or any of them

30 (1) All minorities, whether based on religion or language, shall have the right to establish and administer educational institutions of their choice

(2) The State shall not in granting aid to educational institutions discriminate against any educational institution on the ground that it is under the management of a minority, whether based on religion or language

RIGHT TO PROPERTY

31 (1) No person shall be deprived of his property save by authority of law

(2) No property, movable or immovable, including any interest in, or in any company owning, any commercial or industrial undertaking, shall be taken possession of or acquired for public purposes under any law authorising the taking of such possession or such acquisition, unless the law provides for compensation for the property taken possession of or acquired and either fixes the amount of the compensation, or specifies the principles on which, and the manner in which, the compensation is to be determined and given

(3) No such law as is referred to in clause (2) made by the Legislature of a State shall have effect unless such law, having been reserved for the consideration of the President, has received his assent

(4) If any Bill pending at the commencement of this Constitution in the Legislature of a State has, after it has been passed by such Legislature, been reserved for the consideration of the President and has received his assent, then, notwithstanding anything in this Constitution, the law so assented to shall not be called in question in any court on the ground that it contravenes the provisions of clause (2)

(5) Nothing in clause (2) shall affect—

(*a*) the provision of any existing law other than a law to which the provisions of clause (6) apply, or

(*b*) the provisions of any law which the State may hereafter make—

(*i*) for the purpose of imposing or levying any tax or penalty, or

(*ii*) for the promotion of public health or the prevention of danger to life or property, or

(*iii*) in pursuance of any agreement entered into between the Government of the Dominion of India or the Government of India and the Government of any other country, or otherwise with respect to property declared by law to be evacuee property

(6) Any law of the State enacted not more than eighteen months before the commencement of this Constitution may within three months from such commencement be submitted to the President for his certification, and thereupon, if the President by public notification so certifies, it shall not be called in question in any court on the ground that it contravenes the provisions of clause (2) of this article or has contravened the provisions of sub section (2) of section 299 of the Government of India Act 1935

31 A. (1) Notwithstanding anything in the foregoing provisions of this Part no law providing for the acquisition by the State of any estate or of any rights therein or for the extinguishment or modification of any such rights shall be deemed to be void on the ground that it is inconsistent with or takes away or abridges any of the rights conferred by, any provisions of this Part

Provided that where such law is a law made by the legislature of a State, the provisions of this article shall not apply thereto unless such law, having been reserved for the consideration of the President, has received his assent

(2) In this article—

(*a*) The expression 'estate' shall, in relation to any local area, have the same meaning as that expression or its local equivalent has in the existing law relating to land tenures in force in that area, and shall also include any jagir, inam or muafi or other similar grant,

(*b*) the expression 'rights' in relation to an estate, shall include any rights vesting in proprietor, sub proprietor, under proprietor, tenure holder or other intermediary and any rights or privileges in respect of land revenue

31B. Without prejudice to the generality of the provisions contained in article 31A, none of the Acts and Regulations specified in the Ninth Schedule nor any of the provisions thereof shall be deemed to be void, or ever to have become void, on the ground that such Act, Regulation or provision is inconsistent with, or takes away or abridges any of the rights conferred by any provisions of this Part, and notwithstanding any judgement, decree or order of any court or tribunal to the contrary, each of the said Acts and Regulations shall, subject to the power of any competent Legislature to repeal or amend it continue in force

RIGHT TO CONSTITUTIONAL REMEDIES

32. (1) The right to move the Supreme Court by appropriate proceedings for the enforcement of the rights conferred by this Part is guaranteed

(2) The Supreme Court shall have power to issue directions or orders or writs, including writs in the nature of *habeas corpus, mandamus,* prohibition, *quo warranto* and *certiorari*, whichever may be appropriate, for the enforcement of any of the rights conferred by this Part

(3) Without prejudice to the powers conferred on the Supreme Court by clauses (1) and (2), Parliament may by law empower any other court to exercise within the local limits of its jurisdiction all or any of the powers exercisable by the Supreme Court under clause (2)

(4) The right guaranteed by this article shall not be suspended except as otherwise provided for by this Constitution

33 Parliament may by law determine to what extent any of the rights conferred by this Part shall, in their application to the members of the Armed Forces or the Forces charged with the maintenance of public order, be restricted or abrogated so as to ensure the proper discharge of their duties and the maintenance of discipline among them

34 Notwithstanding anything in the foregoing provisions of this Part, Parliament may by law indemnify any person in the service of the Union or of a State or any other person in respect of any act done by him in connection with the maintenance or restoration of order in any area within the territory of India where martial law was in force or validate any sentence passed, punishment inflicted, forfeiture ordered or other act done under martial law in such area

35 Notwithstanding anything in this Constitution—

(*a*) Parliament shall have, and the Legislature of a State shall not have, power to make laws—

(*i*) with respect to any of the matters which under clause (3) of article 16, clause (3) of article 32, article 33 and article 34 may be provided for by law made by Parliament, and

(*ii*) for prescribing punishment for those acts which are declared to be offences under this Part,

and Parliament shall as soon as may be after the commencement of this Constitution, make laws for prescribing punishment for the acts referred to in sub clause (*ii*),

(*b*) any law in force immediately before the commencement of this Constitution in the territory of India with respect to any of the matters referred to in sub clause (*i*) of clause (*a*) or providing for punishment for any act referred to in sub-clause (*ii*) of that clause shall, subject to the terms thereof and to any adaptations and modifications that may be made therein under article 372, continue in force until altered or repealed or amended by Parliament

Explanation—In this article, the expression 'law in force" has the same meaning as in article 372

DIRECTIVE PRINCIPLES OF STATE POLICY

36 In this Part, unless the context otherwise requires, "the State" has the same meaning as in Part III

37 The provisions contained in this Part shall not be enforceable by any court, but the principles therein laid down are nevertheless fundamental in the governance of the country and it shall be the duty of the State to apply these principles in making laws

38. The State shall strive to promote the welfare of the people by securing and protecting as effectively as it may a social order in which justice, social, economic and political, shall inform all the institutions of the national life.

39 The State shall, in particular, direct its policy towards securing—

(*a*) that the citizens, men and women equally, have the right to an adequate means of livelihood,

(*b*) that the ownership and control of the material resources of the community are so distributed as best to subserve the common good,

(*c*) that the operation of the economic system does not result in the concentration of wealth and means of production to the common detriment,

(*d*) that there is equal pay for equal work for both men and women,

(*e*) that the health and strength of workers, men and women, and the tender age of children are not abused and that citizens are not forced by economic necessity to enter avocations unsuited to their age or strength,

(*f*) that childhood and youth are protected against exploitation and against moral and material abandonment

40 The State shall take steps to organise village panchayats and endow them with such powers and authority as may be necessary to enable them to function as units of self government

41 The State shall, within the limits of its economic capacity and development, make effective provision for securing the right to work, to education and to public assistance in cases of unemployment old age, sickness and disablement, and in other cases of undeserved want

42 The State shall make provision for securing just and humane conditions of work and for maternity relief

43 The State shall endeavour to secure, by suitable legislation or economic organisation or in any other way, to all workers, agricultural, industrial or otherwise, work, a living wage conditions of work ensuring a decent standard of life and full enjoyment of leisure and social and cultural opportunities and in particular, the State shall endeavour to promote cottage industries on an individual or co operative basis in rural areas

44 The State shall endeavour to secure for the citizens a uniform civil code throughout the territory of India

45 The State shall endeavour to provide, within a period of ten years from the commencement of this Constitution, for free and compulsory education for all children until they complete the age of fourteen years

46 The State shall promote with special care the educational and economic interests of the weaker sections of the people, and, in particular, of the Scheduled Castes and the Scheduled Tribes, and shall protect them from social injustice and all forms of exploitation

47 The State shall regard the raising of the level of nutrition and the standard of living of its people and the improvement of public health as among its primary duties and, in particular, the State shall endeavour to bring about prohibition of the consumption except for medicinal purposes of intoxicating drinks and of drugs which are injurious to health

48. The State shall endeavour to organise agriculture and animal husbandry on modern and scientific lines and shall, in particular take steps for preserving and improving the breeds, and prohibiting the slaughter, of cows and calves and other milch and draught cattle

49 It shall be the obligation of the State to protect every monument or place or object of artistic or historic interest, declared by Parliament by law to be of national importance, from spoliation, disfigurement, destruction, removal, disposal or export, as the case may be

50 The State shall take steps to separate the judiciary from the executive in the public services of the State

51 The State shall endeavour to—

(*a*) promote international peace and security,

(*b*) maintain just and honourable relations between nations,

(*c*) foster respect for international law and treaty obligations in the dealings of organised peoples with one another, and

(*d*) encourage settlement of international disputes by arbitration

MISCELLANEOUS

SALARIES

The following salaries are statutorily fixed by the Constitution

President—Rs 10 000 p m, Governor—Rs 5,500 p m Chief Justice of the Supreme Court—Rs 5000 p m Other judges of the Supreme Court—Rs 4,000 p m, Chief Justice of Part A State—Rs 4,000 p m Other judges of High Courts of Part A States—Rs 3 500 p m, Comptroller and Auditor General of India—Rs 4,000 p m

LANGUAGES

The following are the 14 languages recognized for State purposes under Articles 344(1) and 351

Assamese, Bengali, Gujarati Hindi Kannada, Kashmiri Malayalam Marathi Oriya, Punjabi, Sanskrit, Tamil, Telugu, Urdu

ACTS, REGULATIONS

The following Acts and Regulations are listed in the Ninth Schedule to the Constitution According to Art 31B they cannot be declared null and void on the ground that they are inconsistent with the fundamental rights guaranteed by the Constitution

1 The Bihar Land Reforms Act, 1950 (Bihar Act XXX of 1950)

2 The Bombay Tenancy and Agricultural Lands Act, 1948 (Bombay Act LXVII of 1948)

3 The Bombay Maleki Tenure Abolition Act 1949 (Bombay Act LXI of 1949)

4 The Bombay Taluqdari Tenure Abolition Act, 1949 (Bombay Act LXII of 1949)

5 The Panch Mahals Mehwassi Tenure Abolition Act, 1949 (Bombay Act LXIII of 1949)

6 The Bombay Khoti Abolition Act, 1950 (Bombay Act VI of 1950)

7 The Bombay Paragana and Kulkarni Watan Abolition Act, 1950 (Bombay Act LX of 1950)

8 The Madhya Pradesh Abolition of Proprietory Rights (Estates Mahals Alienated Lands) Act, 1950 (Madhya Pradesh Act I of 1951)

9 The Madras Estates (Abolition and Conversion into Ryotwari) Act, 1948 (Madras Act XXVI of 1948)

10 The Madras Estates (Abolition and Conversion into Ryotwari) Amendment Act, 1950 (Madras Act I of 1950)

11 The Uttar Pradesh Zamindari Abolition and Land Reforms Act, 1950 (Uttar Pradesh Act I of 1951)

12 The Hyderabad (Abolition of Jagirs) Regulation 1358 F (No LXIX of 1358, Fasli)

13 The Hyderabad Jagirs (Commutation) Regulation, 1359 F (No XXV of 1359, Fasli)

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PUBLIC SERVICES

THE Constitution provides for the setting up of a Public Service Commission for the Union and for each State Two or three States may join together to have a Common Public Service Commission

The chairman and members of the Union Public Services Commission and of joint Commissions are appointed by the President of the Union while the chairman and members of a State Commission are appointed by the Governor or Rajpramukh as the case may be

A member of the Union Commission holds office for six years or till he is 65 years A member of a State Commission also holds office for six years but retires earlier on attaining the age of 60 Broadly speaking a member of a Commission is eligible for appointment only on the same Commission or some other Commission subject to certain conditions He is not eligible for appointment to any other Government post The Chairman of the Union Public Service Commission is not eligible for any Government appointment whatever A member of a Commission can be removed only by the President on the advice of the Supreme Court

The Union and State Commissions conduct examinations for recruitment to Government service The Commissions also advise the Governments on the service conditions of the employees There is a moral obligation for a Government to consult the Commission on such questions, and if there are any rules which specifically exempt Government from such consultation these rules should be approved by the legislature

An annual report of the Commission which also includes a list of cases in which Government did not accept the advice of the Commission has to be placed before the appropriate legislature

ALL INDIA SERVICES

The following All India services now exist

Indian Administrative Service Indian Foreign Service, Indian Police Service, Indian Audit and Accounts Service, Military Accounts Service, Indian Railways Accounts Service, Indian Customs and Excise Service, Income tax Officers (Class I) Grade II Service, Transportation and Commercial Departments of the Superior Revenue Establishments of State Railways Establishment Department of State Railways Indian Postal Service Survey of India, Indian Forest Service Central Engineering Service, Indian Railway Service of Engineers, Superior Telegraph Engineering and Wireless Branches of Posts and Telegraphs

There is also a Central Secretariat Service which includes all posts in the Central Secretariat from an Assistant upto an Under Secretary There are four grades Starting from the bottom they are Assistant Assistant Superintendent, Superintendent, Under Secretary The last two are selection posts filled by promotion, and the first two partly by promotion from the lower rank and partly by direct recruitment on the basis of a competitive examination held by the Union Public Services Commission

There are some services to which recruitment is made by selection These services include

Zoological Survey (Class I), Archeological Survey (Class I), Apprentices for Training in Ordnance Factories Cantonment Executive Officers Service, District Medical Officers for State Railways

The pay scales of some of the more important All India services are given below

Indian Administrative Service

Junior Scale 350 400 450 450 500 30 600-E B 30 870 40 950 (19 years)

Senior Scale 800 (8th year or under)-50-1,000 60 1,300 50 1,800 (25 years)

Indian Foreign Service

350 400 450 450 500 Scales for subsequent years is fixed later

Indian Police Service

Junior Scale 350 350 380 380 590 E B 30 770 40 850 (19 years)

Senior Scale 600 (6th year or under) 40 1,000 1,000 1 050 1 100 1 100 1,150 (22nd year)

Selection grade 1,250

Indian Audit and Accounts Service, Postal Service, Income tax Service (Class I)

Junior Scale 350 350 380 380 30 590 E B 30 770 40 850

Senior Scale 600 40 1,000 1,000 1,050 1 050 1 100 1 100 1,150

PUBLIC SERVICE COMMISSIONS

The following is a list of Public Service Commissions in India

1 Assam Public Service Commission (Shillong)

2 Bihar Public Service Commission (15, Bayley Road Patna)

3 Bombay Public Service Commission (Bank of India Building Mahatma Gandhi Road, Bombay)

4 Hyderabad Public Service Commission (Hyderabad, Deccan)

5 Public Service Commission (Madras)

6 Madhya Pradesh Public Service Commission (Nagpur)

7 Mysore Public Service Commission (Ballabroole, Palace Road, High Grounds Bangalore)

8 Orissa Public Service Commission (Cuttack)

9 Punjab Public Service Commission (Simla)

10 Public Service Commission, PEPSU (Patiala)

11 Public Service Commission Saurashtra (Rajkot)

12 Travancore Cochin Public Service Commission (Trivandrum)

13 Uttar Pradesh Public Service Commission (Allahabad)

14 Public Service Commission, Madhya Bharat (Gwalior)

15 Public Service Commission Rajasthan (43, Station Road, Jaipur)

16 West Bengal Public Service Commission (Anderson House, Alipore, Calcutta)

The Union Public Service Commission also operates for Part C States

APPLEBY REPORT

Mr Paul H Appleby consultant in public administration to the Ford Foundation was invited by the Government of India to study the Indian administrative system and make recommendations for their improvement He made a five month study His report was presented to Parliament on May 12, 1953

His main conclusion is that the administrative system is cumbersome in manner, requiring too many inter hierarchical conferences and utilizing paper in an unnecessarily burdensome way

Mr Appleby recommends the establishment of an institute of public administration for India to provide a national informal focussing of attention on public administration as a profession of many facets and elements

An institute of public administration will provide for stimulation through association, through the medium of professional journal, and through the making of studies and the development of a literature recording and expanding administrative learning

In association with the institute, the Government should develop academic graduate programmes in public administration and establish special avenues for annual entry into public service of some young persons so trained

Other recommendations made by Mr Appleby are

(1) The establishment directly under an appropriate Minister with strong Government backing, an organization and management office or public administration office

(2) The making of further and more specialized studies by a team of outside experts, as sequels to this report and as desirable that a new organization and management office would be equipped for them

(3) Consolidating administrative responsibility for the carrying on of the Community Projects, elevating it in status, and providing for more flexibility and discretion in its management

(4) In general in all developmental and social action fields consolidating responsibility by simplifying and reducing inter Ministerial involvements and reviews

(5) Filling in the administrative hierarchy by making hierarchies have a more truly pyramidal form with more executives at most levels, and by increasing the number of levels and narrowing the present excessively wide gaps between all but the low levels

(6) Eliminating fixed cadre limitations and making recruitment depend wholly upon frequent and flexible determinations of needs

(7) The establishment of extensive and sustained personal development programmes designed to maximize the potentialities of all persons working for the Government

(8) Authorization for revenue staff recruitment as rapidly as suitable persons can be secured and trained without numerical limitation until tax collection is wholly current and the gap between assessments and collections is nominal

(9) Concerted activity with the States to bring land assessment and tax rates up to a sound current standard, to impose an agricultural income tax and limitations on land rents and to improve administration of tax collection in the States so as to bring the gap between tax intentions and tax actualities to nominal proportions

(10) The establishment as a sequel to heightened responsibility, of agencies charged with action of adequate methods of checking on action during and after the fact

Fiscal Practice

Administration in considerable part determines what a tax law means, and all fiscal policy is enormously dependent on the views and capacities of the administrative personnel concerned

Administrative delay in assessing income taxes consistently results in very substantial losses of revenue It seems possible that 15 per cent of some important kinds of taxes that should be paid under existing law, fail to reach the State and Centre treasuries

Parliamentary and legislative unwillingness to appropriate for enough personnel is one factor in this, but some of the aspects of the problem are within reach of administrators

Budgetary practice is on the whole well developed, although staffs available for the process are inadequate The organization of budget information which is technically known as "budgetary classification" could be improved by simultaneous uses of some additional classification schemes

Attention will have to be given to the fact that much of what the Government spends' is not spent in the conventional sense in these instances the Government is performing functions of credit and capital formation that in most other economies are more largely carried on privately

One should like to see the thinking behind the ' expenditures met from capital disbursement of loans and advances' carried further and given more extensive organization

A total balance sheet of assets and liabilities for the Government, in successive years suitably organized, would be an interesting and enlightening document

Financial control of expenditures seems to be too specific and detailed and too slow Certainly it is not subject to any valid criticism for not providing close scrutiny before the fact or the limited scrutiny possible in general auditing after the fact

Personnel

Mr Appleby says that in both the Centre and the States, prevailing structures, except in a few fields, such as defence, revenue collection, internal order and external affairs, provide chiefly for co ordination rather than for administration

Within the Centre and within the States there is an enormous amount of co ordination before the fact of action, a consequent lack of discretion and specific responsibility on the part of those presumed to act, and a general inclination not to make decisions

Personnel administration has too much feudalistic heritage, too much academic and intellectuality orientation too little administrative action and human relations orientation and is too defensive of the rights of existing personnel These characteristics are reflected in greater or less degree in recruitment policies and methods in assignment methods in the attention and lack of attention given to developing the potentialities of personnel, and in the arrangements in which personnel administration is considered and personnel themselves are classified '

The criteria by which personnel are selected by the Public Service Commissions are not up to date, and the examining and appraising techniques are far from modern

Mr Appleby suggests the removal of the Community Projects from the direction of the Planning Commission His reasons are that a commission is never a good form for large scale and rapid action administration that administrative responsibility reduces the objectivity and disinterest essential to broad planning giving the planners a vested interest in one type of operations and so reducing their dynamic character, and finally that persons denominated as planners recruited and associated as planners tend in the first instance to lack and in the second instance to lose the special qualities essential to large and rapid action administration

He recommends that the administration of the projects should be headed by a single person of strength stature and special zeal for this kind of programme Within his organization the administration should have its own financial control and evaluation units

On the whole the Government of India should be among the dozen or so most advanced Governments in the world

It was also one of the dozen or so Governments in which honesty has been carried to its highest levels

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ADMINISTRATION OF JUSTICE

THE writs which for generations ran over the length and breadth of the country in the name of the British Sovereign, now run in the name of the President of the Republic of India Nevertheless, all the existing laws continue to operate in India as before subject to adaptation and modification made therein Article 372 of the Constitution provides *inter alia* that subject to the other provisions of the Constitution, all the laws in force in the territory of India immediately before the commencement of the Constitution shall continue in force therein until altered repealed or amended by a competent Legislature or other competent authority

For the purpose of bringing the provisions of any law in force in the territory of India into accord with the provisions of the Constitution, it is further provided that the President may by order make such adaptations and modifications of such law as may be necessary or expedient

Article 13 of the Constitution provides that all laws in force in the territory of India immediately before the commencement of the Constitution, in so far as they are inconsistent with the provisions of the Constitution relating to Fundamental Rights (Part III) shall to the extent of such inconsistency be void

The State is also debarred from making any law which takes away or abridges the Fundamental Rights conferred by this Part and any law made in contravention shall be void to the extent of such contravention (Art 13 (2))

Article 14 ensures to all persons equality before the law by providing that the State shall not deny to any person equality before the law or the equal protection of the laws within the territory of India

The continuity of the existing laws and legal procedure is further ensured by Article 375 under which all courts of civil, criminal and revenue jurisdiction and all authorities and officers continue to exercise their respective functions subject to the provisions of the Constitution

The indigenous law of India is personal and divisible with reference to the two great classes of the population, Hindu and Muslim Both systems claim divine origin and are inextricably interwoven with religion, and each exists in combination with a law based on custom The rules of the Shastras and the Koran have however been in some cases altered and relaxed Instances can be found in the Bengal Sati Regulation Act of 1829, the Indian Slavery Act, 1843, the Caste Disabilities Removal Act of 1850, the Hindu Widows Remarriage Act, 1856, and some other Acts and Codes

During recent years indeed there has been a determined demand on the part of social reformers, and various women's organisations in India for an amendment of the Hindu Law so as to bring it into line with progressive social opinion, in consonance with the spirit of the times

The Draft Hindu Code that was before the Indian Parliament aimed at abolishing the archaic principles of the ancient system of law, the removal of sex and caste disabilities, and generally simplifying, secularising, and modernising the law governing all Hindus, including Lingayats Buddhists Jains and Sikhs But the Code has lapsed on account of the dissolution of the provisional Parliament

In the meanwhile, an opposite tendency has been observable among the Muslims, who by recent legislation have sought to revert to the law of the Shariat, discountenancing the application of Hindu Law and custom to the sections of the Muslim community who as converts from Hindusim had retained Hindu Law in matters of inheritance and succession

Apart from this, the entire legal system which has hitherto prevailed in the country is in course of time bound to undergo a profound transformation by reason of the withdrawal of British rule and the partition of India A demand for a uniform civil code for all Indians is made by some people

A demand is also made for the simplification of the procedure and law for the administration of justice and the Government of India are thinking of introducing a legislative measure to achieve this end

The Indian Penal Code has from time to time been amended The rules of Civil Procedure have been embodied in the Code of Civil Procedure The Code of Civil Procedure was remodelled in 1908 and the Code of Criminal Procedure in 1898 These Codes as amended from time to time are now in force

The years between 1870 and 1885 saw a great deal of legislative activity in British India, and important branches of the law, like Evidence, Contract, Transfer of Property, Trusts, Negotiable Instruments, etc, were codified in the form of Acts of the Indian Legislature applicable to the whole of British India These, amended from time to time and supplemented by rules derived from English decisions constitute the bulk of the law administered in India today

SUPREME COURT

Art 124 of the Constitution provides for the establishment of a Supreme Court of India consisting of a Chief Justice of India, and, until Parliament by law prescribes a larger number, of not more than seven judges Every judge of the Supreme Court shall be appointed by the President and shall hold office until he attains the age of sixty five years In the course of appointment of a Judge the Chief Justice shall always be consulted Only a citizen of India who has been for at least 5 years a judge of a High Court, or for 10 years an advocate of a High Court, or in the opinion of the President a distinguished jurist, is qualified to be appointed judge of the Supreme Court

A judge of the Supreme Court is not liable to be removed from his office except by an order of the President passed after an address by each House of Parliament, supported by a majority of the total membership of that House, and by a majority of not less than two thirds of the members of that House present and voting, has been presented to the President in the same session for such removal, on the ground of proved misbehaviour or incapacity No person who has held office as a judge of the Supreme Court shall plead or act in any court or before any authority within the territory of India

The Supreme Court is a court of record with all the powers of such a court including the power to punish for contempt The seat of the Court is to be in Delhi or such other place as the Chief Justice with the approval of the President may from time to time appoint

The Supreme Court has exclusive original jurisdiction in any dispute (*a*) between the Government of India and one or more States, (*b*) between Government of India and one or more States on the one side and one or more other States, on the other, (*c*) between two or more States, if and in so far as the dispute involves any question (whether of law or fact) on which the existence or extent of a legal right depends (Article 131)

The Appellate jurisdiction of the Supreme Court extends over all appeals from any judgment, decree or final order of a High Court, in civil, criminal or other proceedings, if the High Court certifies that the case involves a substantial question of law as to the interpretation of the Constitution If the High Court refuses such a certificate the Supreme Court may grant special leave to appeal in a proper case (Art 132) An appeal shall also lie to the Supreme Court from a High Court in civil matters, when the amount or value of the subject matter in dispute is not less than Rs 20,000 or the High Court certifies the case to be a fit one for appeal to the Supreme Court (Art 133)

In criminal matters under Art 134 an appeal lies to the Supreme Court from any judgment, final order or sentence of a High Court, if the High Court has (*a*) on appeal reversed an order of acquittal of an accused person and sentenced him to death, or (*b*) has withdrawn for trial before itself any case from a subordinate court and has in such trial convicted the accused person and sentenced him to death, or (*c*) the High Court has certified that the case is a fit one for appeal

For purposes of appeals to the Supreme Court, the Judicial Commissioners Courts are to be considered as High Courts

Under Art 136 discretion is given to the Supreme Court to grant special leave to appeal from any judgment decree, sentence or order in any matter passed by any Court or Tribunal in the territory of India

The jurisdiction and powers of the Federal Court under the existing law are also exercisable by the Supreme Court (Art 135) including the advisory power to give its opinion on questions of law or fact referred to it by the President (Art 143)

The law declared by the Supreme Court shall be binding on all courts in the territory of India

Parliament has the power to legislate on the constitution organisation, jurisdiction and powers of the Supreme Court

Article 32 of the Constitution guarantees the right to move the Supreme Court by appropriate proceedings for the enforcement of Fundamental Rights, and for the enforcement of such rights the Supreme Court has power to issue directions or orders or writs, including writs in the nature of Habeas Corpus, mandamus, prohibition, *quo warranto* and *Certiorari* whichever may be appropriate

Power is given to Parliament to enlarge the jurisdiction of the Supreme Court by appropriate legislation (Art 138)

The jurisdiction of the Judicial Committee of His Britannic Majesty's Privy Council over appeals from India in all matters is now abolished

The royal prerogative to grant pardons, reprieves, respites or remissions of punishments now resides in the President (Art 72)

Under Art 348, all proceedings in the Supreme Court and in every High Court in India and the authoritative text of all Bills and Acts of Parliament and the State Legislatures and of all Ordinances promulgated by the President or Governors or Rajpramukhs of States, and of all orders, rules and regulations issued under the Constitution or any law shall be in the English language If this language is to be replaced by any other language, Parliament must legislate to that effect

HIGH COURTS

Every High Court is a court of record and has all powers of such court including the power to commit for contempt of itself

Every judge of a High Court is appointed by the President after consultation with the Chief Justice of India, the Governor of the State and the Chief Justice of the particular High Court, and he holds office until he attains the age of sixty years

A person is not qualified to be appointed a judge of a High Court unless he is a citizen of India and has either held judicial office or practised as an advocate for 10 years in any of the States

A High Court judge is not liable to be removed from his office except in the manner provided in Art 124 (4) for the removal of a judge of the Supreme Court of India

No person who has held office of a Judge of a High Court can plead or act in any court or before any authority in the territory of India

The Chief Justice of a High Court may with the previous consent of the President, request a retired High Court Judge to sit and act as the Judge of the High Court of that State

Power is given to the President in consultation with the Chief Justice of India to transfer a judge from one High Court to any other High Court in India (Art 222)

Article 225 preserves the jurisdiction and powers of the High Courts as they existed immediately before the commencement of the Constitution Restrictions on the exercise of the original jurisdiction in revenue matters are removed

Art 226 gives to every High Court in India power throughout its jurisdiction to issue to any person or authority including Government directions, orders, writs including writs in the nature of Habeas Corpus mandamus prohibition, *quo warranto* and *Certiorari* for the embracement of Fundamental Rights and for any other purpose (Art 226)

The High Courts have powers of superintendence over all subordinate Courts within their respective jurisdiction

Legislation affecting constitution and organisation of the High Courts can be passed by Parliament alone

LOWER COURTS

The Code of Criminal Procedure provides for the constitution of inferior criminal courts styled courts of session and courts of magistrates

Every State, outside the towns of Madras, Bombay and Calcutta is divided into sessions divisions consisting of one or more districts, and every sessions division has a court of session and a sessions judge, with assistants if need be These stationary sessions courts are like the English Assizes, and are competent to try all accused persons duly committed, and to inflict any punishment authorised by law, but sentences of death are subject to confirmation by the highest court of criminal appeal in the State

Magistrates' courts are of three classes with descending powers Provision is made and largely utilised in the towns, for the appointment of honorary magistrates In the towns of Madras, Bombay and Calcutta Presidency Magistrates deal with magisterial cases and benches of Justices of the Peace or Honorary Magistrates dispose of the less important cases

In Bombay Honorary Magistrates or Justices of the Peace do not try cases

Article 50 of the Constitution lays down that the States shall take steps to separate the judiciary from the executive in the public service of the States

The State of Bombay is the first state that has introduced the separation of the judiciary from the executive in public services, by a statute The Act came into force on July 1, 1953

In three other states *i e* Hyderabad, Madras and Bihar there is partial separation It is not effected by any statute but by rules made by the Government in that behalf

The constitution and jurisdiction of the inferior civil courts varies Broadly speaking one district and sessions judge is appointed for each district. As District Judge he presides in its principal civil court of original jurisdiction His functions as Sessions Judge have already been described.

For these posts members of the Indian Civil Service were mainly selected though some appointments were made from the Provincial Service

Next come the Subordinate Judges and Munsiffs, the extent of whose original jurisdiction varies in different parts of the country

There are in addition a number of Courts of Small Causes, with jurisdiction to try money suits up to Rs 500 In the towns of Madras, Bombay and Calcutta where the Chartered High Courts have original jurisdiction, Small Causes Courts dispose of money suits up to Rs 2,000

In Bombay and Madras there are also City Civil Courts The City Civil Court in Bombay has a pecuniary jurisdiction of Rs 25,000

As Insolvency Courts the Chartered High Courts of Calcutta, Bombay and Madras have jurisdiction in the Presidency towns In the mofussil similar powers were conferred on the District Courts by the Provincial Insolvency Act of 1920

There are Coroners only for the Presidency Towns of Calcutta and Bombay Elsewhere their duties are discharged by the ordinary staff of magistrates and police officers unaided by jurors

SPECIAL COURTS

Labour Courts are established in the State of Bombay under the Bombay Industrial Relations Act, 1946

A labour Court consist of a single judge

There are at present Labour Courts in Bombay Ahmedabad, Dulgaon and Sholapur They decide upon disputes regarding (*a*) propriety or legality of an order passed by an employer (*b*) the application and interpretation of standing orders (*c*) They also decide disputes referred to them by Government for arbitration Legality or otherwise of strikes or lock outs or closure etc is also decided by them

An appeal against the judgment of the Labour Courts lies to the Industrial Court This court has also original jurisdiction regarding matters referred to it by the Government or by representative Unions It decides upon questions of law referred to it by Wage Boards and references regarding interpretation of the Act and the Rules It has power of superintendence over Labour Courts

The Bombay Industrial Relations Act 1946 applies at present to the following industries Textile Cotton, Woollen Silk Textile Processing Hosiery, Transport by tram and omnibus in Greater Bombay, Electricity, Sugar and Banking (in the case of banks having branches in Bombay State only)

Labour Courts and Industrial Courts now exist in most States

The Industrial Disputes Act was passed by the Central Legislature in 1947 for the investigation and settlement of industrial disputes

Industrial Tribunals were established under this Act If the conciliation bodies set up under this Act fail to bring about a settlement, the matter is referred to the Industrial Tribunals

Neither party to a dispute is entitled to be represented by a legal practitioner except with the consent of the other party and by leave of the Tribunal

Industrial Tribunals are not permanent Courts Whenever a matter is referred to the Government regarding an industrial dispute the Government appoints one or more persons as Industrial Tribunal to adjudicate upon the dispute

In the the State of Bombay the members and the President of the Industrial Court are the ones chosen for appointment as Industrial Tribunals

The Industrial Disputes (Appellate Tribunal) Act was passed in 1950 It has constituted a new Court, the Labour Appellate Tribunal of India It is an appellate Court over the Industrial Tribunals and Industrial Courts The judgments given by the Appellate Tribunal have helped to establish uniformity in labour matters

Juvenile offenders are tried by the Juvenile Courts In places where there are no juvenile courts the offenders are tried either by the High Court, or the Court of Session or a salaried Presidency Magistrate or a salaried Magistrate of the First Class

Legal practitioners are not entitled to appear in any case or proceeding before a Juvenile Court However the Court may grant permission in exceptional cases

Probation officers are appointed by the State Government for helping the Court in the discharge of its functions The powers and duties of such officers are laid down in the rules Their main duty is to investigate the history of the juvenile offender and offer help to the Court An appeal against the judgment of a Juvenile Court lies to the Chief Presidency Magistrate in Greater Bombay and in other places to the Court of Session If a case is decided by a Presidency Magistrate or a Court of Session the appeal lies to the High Court

Panchayat Courts (called Nyaya Panchayat) are in existence in many States In Bombay for instance each Court consists of five members The members of the Panchayat Court are elected by the Village Panchayat Sections 30 44 of the Act lay down rules about the suits that may be tried and the suits that may not be tried by the Court A Nyaya Panchayat cannot alter or revise its decision An appeal against a decision of the Nyaya Panchayat lies to the District Judge

LEGAL OFFICIALS

The Government of India have their own law colleague in the Law Minister of the Union Cabinet All Government measures are drafted in his department after their substance is decided upon by the administrative departments concerned

Outside the Cabinet the principal law officers of the Government of India are the Attorney General and Solicitor General appointed by the President At Bombay and Calcutta the Government of India have their own solicitors

Each of the State Governments has its own Advocate General

Article 76 of the Constitution of India says that for the post of Attorney Generalship the President shall appoint a person qualified to be appointed a Judge of the Supreme Court It shall be the duty of the Attorney General to give advice to the Govt of India upon such legal matters and to perform such other duties of a legal character as may be referred or assigned to him by the President, and to discharge the functions conferred upon him by the Constitution In the performance of his duties the Attorney-General shall have right of audience in all Courts in the territory of India The Attorney-General has a right to take part in the proceedings of Parliament and address it

Under Article 165 the Governor of each State is authorised to appoint a person qualified to be appointed a Judge of a High Court to be Advocate-General for the State

The Advocate General is appointed by the Governor He has to give advice to the Government of the State upon such legal matters and to perform such other duties of a legal character as may be referred to or assigned to him He holds office during the pleasure of the Governor He appears in the Court on behalf of the Government He is the leader of the Bar and the President of the Bar Council He is also authorised to take part in the proceedings of the State legislature, if his advice is sought

In addition to the Advocate General there is also a Government Pleader in many States He usually belongs to the Appellate Side of the High Court while the Advocate General belongs to the Original Side The Government Pleader is assisted by an Assistant Government Pleader and they look after criminal work

The State Governments have their own law officers, in addition to the Advocate General and the Government Pleader The law officer

is designated Remembrancer of Legal Affairs He also works as Secretary to the Legal Department He is never a practising lawyer, but a Government servant Usually one of the District Judges is appointed Remembrancer of Legal Affairs

The Legal Remembrancer drafts Government Bills and gives advice to Government Departments on all legal matters

Sheriffs are attached to the High Courts of Bombay, Calcutta and Madras

They are entrusted with the work of preparing jury lists serving summons and other legal processes The Sheriff in Bombay is the ex officio Chairman of the Bombay State Permanent Famine Relief Committee He can also convene public meetings on behalf of the citizens

The detailed work of the office is entrusted to the Deputy Sheriff who is an officer of the High Court

These are Official Assignees in three States—Bombay W Bengal and Madras The appointment is made by the Chief Justice of the High Court concerned

The duties of the Official Assignee are two fold, *viz* realisation and distribution of the insolvents estate and the control of the property of the insolvent and his conduct generally

A party aggrieved by the decision of the official Assignee may appeal to the Insolvency Judge of the High Court

In addition to the Official Assignee, a Deputy Official Assignee may also be appointed Another officer of the court is the Insolvency Registrar who may be vested with the powers mentioned in section 6 of the Presidency Towns Insolvency Act

There are two classes of legal practitioners, practising in the Supreme Court They are Senior Advocates and other Advocates (popularly known as Junior Advocates) No person can appear as an Advocate in any case unless he is instructed by an Agent

All Advocates of the Supreme Court are entitled to practise in High Courts In Bombay and Calcutta an Advocate can appear on the original side only when instructed by an Attorney An Advocate of a High Court is entitled to practise in the High Court concerned and in all the courts subordinate to it An Attorney at Law if enrolled as an Advocate can also practise in the High Court except on the original side He however, can plead in insolvency and chamber matters

Pleaders are entitled to practise in the District for which they hold sanands

In addition to these classes there are Mukhtars in the States of Assam, Bihar Orissa Uttar Pradesh, West Bengal, Madhya Bharat and Rajasthan In Assam there is one more class of legal practitioners known as Revenue Agents

The Government of India appointed a Committee called The All India Bar Committee under the chairmanship of Justice S R Das, Judge, Supreme Court *India* It recommended the unification of Indian Bar To achieve this it proposed that there should be no further recruitment of non graduate pleaders or Mukhtars or Revenue Agents

As regards the dual system in Bombay and Calcutta the Committee favoured its retention It however recommended the abolition of the dual system in the Supreme Court of India

Formerly official Law Reports were published only in six series—Bombay, Allahabad Calcutta, Madras and Nagpur Three more series, Cuttack, Mysore and Rajasthan, have been added recently

These reports contain cases decided by the High Courts and the Supreme Court of India

In addition to these series a Supreme Court Reporter is also published It contains important decisions of the Supreme Court of India

Besides these official reports there are a number of private agencies that also bring out reports of the decisions of the Supreme Court and the High Courts Reports are also published of important cases determined by Labour Courts, Industrial Courts and Labour Appellate Tribunals

DEFENCE FORCES

THE present day Army of India traces its origin to the guards enrolled for the protection of the East India Company

The partition of India in 1947 was an important landmark in the history of the Armed Forces of India The Armed forces were divided between the two countries on a communal cum optional basis which worked out to an approximate proportion of one third to Pakistan and two thirds to the Union of India

British troops including the Royal Air Force were completely withdrawn from India on February 28 1948

The nationalisation of the Defence Forces started soon after the partition General K M Cariappa became the first Indian Commander in Chief on January 15 1949 In the Indian Air Force today only about a dozen British officers and some technicians are employed on a contract basis

In the Navy the progress towards nationalisation has been slower since the requisite number of Indian officers with experience did not exist The policy in regard to the Navy is also the same and only such British officers as those whose services are absolutely essential are retained

The order of precedence of India's Defence Services has been rearranged as Army Navy and Air Force With the inauguration of the new Constitution on January 26 1950 the use of the prefix Royal wherever it occurred in the designation of Service regiment corps or unit of the Armed Forces was discontinued Similarly the expression His Majesty's Indian Ship was also dropped

DEFENCE ORGANISATION

At the top is the Defence Committee of the Cabinet which is for all practical purposes the Government so far as the Defence Services are concerned This Committee consists of the Prime Minister as chairman and the Ministers for Defence Finance and Transport Matters of policy are decided by this Committee

Then there is the Defence Minister's Committee consisting of the Defence Minister the three Chiefs of Staff the Financial Adviser and the Defence Secretary It deals with the more important inter Services problems The decisions of this Committee are final and binding on all

A Defence Science Organisation was set up in August 1948 under Dr D S Kothari Scientific Adviser to the Ministry of Defence This Organisation consists of a (1) Defence Science Policy Board (2) Defence Science Advisory Committee and (3) Personnel Research Panel

A Defence Science Service has been instituted which includes all civilian scientists engaged in research, development or teaching in any of the three Services or in the Ministry of Defence

There is an Institute of Armament Studies at Kirkee to train technical staff officers and to undertake a comprehensive scientific study of the principles of armament and performance of weapons and equipment

The Defence Science Organisation has a laboratory situated in the National Physical Laboratory (Delhi) where research in Defence Science is carried on by a number of scientists A well equipped technical library is attached to it

For conducting research in problems connected with the Navy suitable laboratories have been opened in Bombay and Cochin

A Psychological Research Wing was formed in July 1949 under Dr Sohan Lal Chief Psychologist the main function of which is to conduct research in the assessment of human personality so that the right type of officers may be selected for the Defence Forces

TRAINING INSTITUTIONS

The important training institutions common to the three Services are given below

National Defence Academy: The permanent location of the Academy will be at Khadakvasla near Poona where it will start functioning in January 1955 The establishment at Khadakvasla will consist of the Joint Services Wing (the National Defence Academy proper) and the Military Wing At present the Defence Academy is located in the Indian Military Academy at Dehra Dun where training at the Joint Services Wing started on January 4 1949 At the J S W Army Navy and Air Force cadets receive two years basic training whereas Naval Cadets (Supply and Executive Branches) receive three years training After the transfer to Khadakvasla the cadets of all the three Services will undergo a three year course of which the first two years will be devoted to a common basic training and the third to specialized training in the three respective services Thereafter the Naval and Air Force cadets will proceed to their Services Establishments for advanced training while the Army cadets will join the Military Wing for a further one year course

Commandant, National Defence Academy Maj Gen L Habibullah

Defence Services Staff College This is located at Wellington, in the Nilgiri Hills in south India One hundred officers drawn from all the three Services including six officers from the U S A and Commonwealth countries are trained every year The object of the training is to prepare officers to hold second grade or equivalent staff appointments or higher staff or command appointments

School of Foreign Languages This is located in New Delhi and was started on February 1 1949 The object is to impart instruction in certain foreign languages to officers of the Armed Forces Other Ministries also take advantage of this school and a large number of civilian officers and non gazetted staff attend courses

College of Military Engineering This is located at Kirkee near Poona Officers of the Corps of Engineers, the Corps of Signals and the Corps of Electrical and Mechanical Engineers are trained to a degree standard in Civil Telecommunication and Electrical and Mechanical Engineering respectively The status of the institution is that of a college

Armed Forces Medical College: This is located in Poona and trains junior and senior medical officers Other ranks also receive training to qualify as laboratory assistants radiographers sanitary assistants blood transfusion orderlies and dispensers The institution provides the Armed Forces with all the biological and chemical reagents for the diagnosis of diseases and also with blood transfusion material and equipment There is a thousand bed hospital and the following departments among others Virus Research Unit Department of Antibiotics Department of Chemistry and Entomology Selected civilian doctors are offered facilities at the institution for advanced training in various branches of the medical science

SENIOR DEFENCE FORCES OFFICERS

Chief of Army Staff and Commander-in Chief, Indian Army General Maharaj Shri Rajendrasinhji, D S O

Chief of the General Staff, Indian Army, Maj Gen J N Chaudhury

Adjutant General Indian Army, Maj Gen Thakur Singh Bal

Quartermaster General Indian Army Maj Gen Tara Singh Bal

Engineer in Chief, Indian Army Maj Gen H Williams

Master General of Ordnance, Indian Army, Maj Gen S D Verma

Military Secretary Indian Army Maj Gen Y S Paranjpe

General Officer Commanding in Chief, Western Command Lt Gen K S Thimayya

General Officer Commanding in Chief Eastern Command, Lt Gen Sant Singh

General Officer Commanding in Chief Southern Command, Lt Gen S M Shrinagesh

Director General Medical Services, Maj Gen D N Chakravarthy

Director of Supplies and Transport Maj Gen H M Mohite

Director Movements and Quartering Directorate, Brig Pritam Singh Chowdhury

Provost Marshal (Mil Police) Col Shekh Mohiuddin

Indian Navy

Chief of Naval Staff & Commander in Chief, Indian Navy Vice Admiral Sir Mark Pizey

Deputy Commander in Chief and Chief of Staff, Commodore G A French

Flag Officer (Flotillas) Indian Fleet, Rear Admiral F A Balance

Chief of Administration, Naval H Qrs, Captain M K Hebli

Chief of Personnel, Naval H Qrs, Captain B A Samson

Chief of Material, Capt A H I Newnham

Chief of Naval Aviation, Capt J E Smallwood

Naval Secretary Capt Aniceto Loedra

Commodore in Charge, Bombay Commodore R M P Taylor

Commodore in Charge Cochin Commodore A D M Law

Naval Officer in Charge, Vizagapatam Captain B S Soman

Director Naval Education Instr Capt F I Byng

Indian Air Force

Chief of the Air Staff and Commander-in-Chief, I A F Air Marshal G F Gibbs*

Deputy Chief of Air Staff, Air Vice Marshal S Mukerjee†

Air Officer Commanding, Operational Command, Air Commodore D A R Nanda

Dy Air Commander in Chief Air Vice Marshal A M Engineer

Air Officer Commanding Training Command, Air Commodore S N Goyal

Air Officer in Charge, Technical and Equipment Services (Air H Q), Air Commodore R H D Singh

Air Officer in Charge, Personnel and Organisation (Air H Q) Air Commodore Arjan Singh

* Is expected to retire on April 1, 1954 when Air Vice Marshal S Mukerjee will take over † Is expected to become Chief on April 1, 1954

INDIAN ARMY

The Army Headquarters is divided into the following main branches which are again further sub divided into directorates —

General Staff Branch
Adjutant General s Branch,
Quartermaster General s Branch,
Master General of Ordnance Branch,
Engineer in Chief s Branch,
Military Secretary s Branch

Under the Army Headquarters the Army is organised into Commands, each Command under a General Officer Commanding in Chief of the rank of Lieutenant General The Commands are divided into Areas, each under the command of a G O C of the rank of Major General, and the Areas in their turn are sub divided into Sub Areas under the command of a Brigadier These are static formations

The Commands are three in number—the Eastern Command, the Southern Command and the Western Command

The Army is divided into a number of arms They are Armoured Corps, Regiment of Artillery Corps of Engineers and Ordnance Army Ordnance Corps, Corps of Electrical and Mechanical Engineers Infantry, Army Service Corps, Army Educational Corps, Army Corps of Clerks (Army Service Corps), Staff Duties and Remounts Veterinary and Farms Corps

COMMANDS

Southern Command	Lt Gen S M Shrinagesh
Eastern Command	Lt Gen Sant Singh
Western Command	Lt Gen K S Thimayya, DSO
Areas	*GOC*
Madras Area	Maj Gen J C Katoch
Bombay Area	Maj Gen K P Dharkal kar
Uttar Pradesh Area	Maj Gen S B S Chimni
Delhi Area	Maj Gen D S Brar
East Punjab Area	Maj Gen Daulet Singh
Sub Areas	*Commander*
Jabalpur Independent Sub Area	Brig E A Rodrigues
Bangalore Sub Area*	
Bombay Sub Area	Brig K K Varma
Poona Sub Area	Brig M K Sheriff
Lucknow Sub Area	Brig N V Bal
Meerut Sub Area	Brig Gurbachan Singh
Jullundur Sub Area	Brig Ram Singh
Ambala Sub Area	Brig K S Moghe

ARMY ORGANISATION

The numerical composition of the types of unit in the Army are given below —

(*a*) *Light Armoured Regiment*	650
(*i*) Squadron	120
(*b*) *Field Regiment*	700
(*i*) Battery	200
(*ii*) Troop	70
(*iii*) Section	20
(*c*) *Infantry Battalion*	900
(*i*) Rifle Company	140
(*ii*) Platoon	40
(*iii*) Section	10

TERRITORIAL ARMY

The T A Act 1948 was passed by Parliament in September 1948 and the Army was inaugurated in October 1949 when recruitment was thrown open

The Territorial Army consists of all arms of service, *i e*, the Armoured Corps, the Corps of Artillery including Anti aircraft and Coastal Defence units the Corps of Engineers including Port and Railway units, the Corps of Signals Infantry the Army Service Corps the Army Medical Corps and the Corps of Electrical and Mechanical Engineers The units raised are of two types *i e*, Provincial units recruited from rural areas who undergo annual training of two to three months duration at a stretch, and Urban units recruited from large towns where Territorial Army units have been raised They undergo training on the weekly drill system, *i e* in the evenings, Sundays and holidays with a small camp of not less than four consecutive days

All able bodied persons from the unskilled labourer to highly qualified technicians provided they are citizens of India, are eligible for recruitment The age limits are 18 and 30 years relaxable in case of ex service (Army Navy and Air Force) personnel and civilians possessing technical qualifications

The country has been divided into eight zones for purposes of recruitment which is done on a zonal basis, *i e*, only residents of the zone are recruited in the units which are raised from that zone

The role of the Territorial Army is as follows —

(*i*) To relieve Regular Army of static duties and support the civil power if required

(*ii*) To provide coast defence and Anti aircraft units

(*iii*) To provide field formations and units for the Regular Army if and when required

When embodied, called out or under training, the Territorial Army personnel receive the same pay and allowances as are admissible to the corresponding ranks of the Regular Army

In order to provide an incentive to the Junior Commissioned Officers and men for hard and meritorious work, 2½ per cent of the actual vacancies available at the Military Wing of the National Defence Academy will in future be reserved for the personnel of the Territorial Army On successful completion of the course at the N D A they will be granted Regular commissions in the Army

No officer or enrolled person is required to perform military service beyond the limits of India save under a general or special order of the Central Government

NATIONAL CADET CORPS

The Corps came into being in 1948 The aim of the Corps is (1) to develop character, comradeship, the ideal of service and capacity for leadership in young men and women, (2) to stimulate interest in the defence of the country, and (3) to build up a reserve of potential officers to enable the Armed Forces to expand rapidly in a national emergency The Organisation is thus mainly of an educational, and *nation building* character Officers and cadets have no liability whatsoever for active military service In this way it is different from The Territorial Army which is designed to serve as a second line of defence However, a close link is maintained between the Territorial Army and the NCC since the latter may be called upon to provide man power for the former in an emergency

The NCC consists of three divisions (1) Junior Division, (2) Senior Division, and (3) Girls Division

The strength of the Corps at present is as follows —

	Officers	Cadets	Total
Junior Division	1,572	51 810	52,382
Senior Division	816	25,508	26,324
Girls Division	14	420	434

The expenditure on the Corps is shared between the Central and State Governments The Central Government meets the cost of the Directorate controlling the staff and the permanent regular staff of the units and also provides the arms ammunition and equipment for the NCC units The State Governments meet the rest of the expenditure for the raising and maintenance of units including the provision of clothing

Student cadets of all the three divisions are given 60 to 80 periods of training in Service subjects every year with 10 to 15 days in camps under the supervision of regular Service personnel The training year corresponds to the academic year of Universities and schools

Social service work forms an important part of the curriculum of the cadets Each unit of a Senior Division of the NCC is affiliated to a regular Army, Navy, and Air Force unit which provides the required personnel and helps to train the NCC personnel by organising training cadres

The strength of each Army, Navy and Air Wing Units (Senior and Junior Division and Girls Division) is as follows —

	NCC Officers	NCC Cadets
(*a*) *Senior Division Army Units (Infantry)*		
(*i*) 4 Coy Bn NCC	15	625
(*ii*) 3 Coy Bn NCC	12	470
(*iii*) 2 Coy Bn NCC	8	315
(*iv*) Independent Coy NCC	3	154
(*b*) *Senior Division Technical Unit* (all arms except Armed Corps unit)	2	60
(*c*) *Senior Division Armoured Corps Unit*	3	60
(*d*) *Senior Division Naval Wing Unit*	2	60
(*e*) *Senior Division Air Wing Unit*	2	80
(*f*) *Junior Division Troop (Army Navy, Air Wing)*	1	33
,, *Public School*	1	30
(*g*) *Girls' Division Troop*	3	90
,, (*one Sub Troop*)	1	30

INDIAN NAVY

On 15th August 1947, when India attained Independence, the following ships were allocated to India Sloops SUTLEJ, JUMNA, KISTNA, CAUVERY Frigates TIR, KUKRI Minesweepers ORISSA, DECCAN, BIHAR, KUMAON, KHYBER, ROHILKHAND, CARNATIC, RAJPUTANA, KONKAN, BOMBAY, BENGAL, MADRAS Corvette ASSAM Survey Vessel INVESTIGATOR Trawlers NASIK, CALCUTTA, COCHIN, AMRITSAR In addition, India got four harbour defence motor launches and all existing landing craft

Today the Indian Navy consists of

Cruiser (flagship) DELHI

* No one was appointed at the time of writing

11th Destroyer Squadron RAJPUT (Capt D11), RANJIT, GODAVARI, GOMATI and GANGA

12th Frigate Squadron JUMNA (Capt F12), CAUVERY, KISTNA

Boys Training Ship TIR

31st Minesweeping Squadron BOMBAY (M/S 31), KONKAN, MADRAS, RAJPUTANA, BENGAL

Survey ships INVESTIGATOR, ROHIL KHAND

Landing Ship Tank MAGAR

Ocean going Tug HATHI

There are also some seaward defence motor-launches and landing craft

On 15th January 1949 Naval Headquarters was reorganised into five main branches each under a Principal Staff Officer styled as follows —

Deputy Commander in Chief and Chief of Staff, Chief of Personnel, Chief of Administration, Chief of Material, Chief of Naval Aviation

In August 1950 it was decided to set up a Secretariat in Naval Headquarters modelled on the Secretariat of the British Admiralty The Head of the Secretariat is the Naval Secretary

On 4th April 1949 a new appointment designated Commodore Indian Naval Squadron (Short title COMINS) was created COMINS was responsible for the operations, administration and training of Indian Naval ships in commission This appointment was subsequently raised to the status of Rear Admiral Commanding Indian Naval Squadron (short title RACINS)

FORMATION OF FLEET

Some important events in the formation of the fleet are as follows INS DELHI (7,000 cruiser of the Leander class) was acquired from the U K on September 15, 1948, RAJPUT, RANJIT, RANA (three destroyers from the U K) were acquired in March 1949, 11th Destroyer Squadron formed under the command of a Captain of Destroyers, 12th Frigate Squadron formed under Captain of Frigates, the Navy dropped the word Royal and became Indian Navy, and the White Ensign was replaced by the Indian Naval Ensign on January 26 1950, Supreme Commander in Chief presented President's Colour to the Navy, May 1951, three 'Hunt' class destroyers acquired from the U K and re named GODAVARI, GOMATI and GANGA, early 1953 the Navy's first air station INS GARUDA commissioned at Cochin, May 1953

Since the Fleet was formed, IN ships visited Burma, Malaya, Siam, Indonesia, Australia and New Zealand in the east, Iran, Iraq, Arabia, East Africa and other countries in the Middle East and the Mediterranean DELHI, RANJIT and TIR participated in the Coronation Naval Review in June 1953 Routine combined training exercises were also carried out by IN ships with those of the Royal Navy and the Commonwealth Navies and the Indian and Royal Air Forces

TRAINING

The training of ratings in the Indian Navy is now carried out in shore establishments at Cochin, Vishakapatnam, Jamnagar and Lonavla under the overall supervision of the Commodore in Charge, Cochin who, in addition to his other duties, carries out the function of the Commodore Superintendent Training Establishments

Cadets for the Indian Navy now receive their general education along with the cadets for the Army and the Air Force in the Joint Services Wing of the National Defence Academy at Dehra Dun and on completion of this initial training proceed to United Kingdom for higher naval training In future, however, the entire naval training is expected to be done in India

There is now a naval staff course at the Defence Services Staff College at Wellington (Nilgiris) under a Chief Naval Instructor This course was inaugurated in August 1950

ESTABLISHMENTS

INS VENDURUTHY (Cochin) contains schools of Seamanship, Gunnery, Signals, Torpedo and Anti submarine, Supply and Secretariat, Cookery, Now Lntry Training

INS CIRCARS (Vishakapatnam) contains Boys Training Lstablishment

INS ANGRL, the base establishment at Bombay controls Naval Dockyard, I N Pay Office Radar Training I stablishment, Regulating School Shipwright Training School, IN School of Physical Training and Naval Barracks

INS SHIVAJI (at Lonavla) contains the Mechanical Training Establishment

INS VALSURA (at Jamnagar) contains the Electrical School

INS HAMLA is the combined operations establishment near Bombay

With the setting up of a shore based Fleet Requirement Unit of INS GARUDA (Cochin) all training for I N personnel will now be imparted at that place

INS ASVINI at Bombay is the first Naval Hospital

The Naval Dockyard at Bombay is to be expanded Work on this began early in 1953

It is decided to set up a hydrographic office in India The purpose of this is the production and printing of charts for marine survey Also one of the I N minesweepers has been temporarily converted for carrying out marine survey duties on the Indian coast

INDIAN AIR FORCE

The IAF is in the main divided into two major formations namely Operational Command and Training Command under the control of Air Headquarters in New Delhi

The Operational Command controls all flying units—fighter, bomber reconnaissance and air transport squadrons The Training Command has under its control ground training schools for both officers and airmen There are also certain units which come directly under the administrative and functional control of Air HQ such as Record office, Air Force Academies, Central Accounts office

The two Commands exercise their control through their Wings and Stations located in various parts of the country Under each Wing and Station come various squadrons and units

Air HQ is divided into three main Branches—Air Branch which deals with operations training, policy and plans, signals and intelligence, Personnel and Organisation Branch, and Technical and Equipment Services Branch Each is under a Branch P S O who in turn has several Directorates under him

The types of aircraft used by the IAF are as follows —

Training Aircraft Tiger Moth, Percival Prentice, HT 2, Harvard, Spitfire

Fighter Aircraft Spitfire, Tempest, Vampire

Transport Aircraft Dakota, Devon

Bomber Liberator

Reconnaissance Spitfire, Auster, Harvard

The following are the major training institutions —

No 1 Air Force Academy, at Begumpet (Hyderabad) trains pilots

No 2 Air Force Academy, Jodhpur, is the nursery of pilots, navigators and air signallers of the IAF

No 3 Air Force Academy at Coimbatore trains officers of ground duty branches

Technical Training College, Jalahalli (near Bangalore) imparts training to the Engineering Officers of the Service

Flying Instructors School Ambala

No 1 Ground Training School, Jalahalli, for non technical airmen trainees

No 2 Ground Training School, Tambaram (Madras) for technical tradesmen (airmen)

No 3 Ground Training School Jalahalli for airmen trainees of higher signals trades

JETS

India has ordered 71 jet fighters of the Ouragan class from France By the end of 1953 thirty nine of these had been delivered and the rest were to be delivered shortly afterwards

The Ouragan class jet fighter is a single seater monoplane capable of attaining a speed of 600 miles an hour at sea level and reaching a height of 8 000 feet a minute

The jet fighter has been described as a well designed military aircraft for defence and air strikes and for ground attack cum interceptor because of its innumerable operational characteristics

Some of the features of the monoplane are manouvreability fast rate of ascent fire power endurance, operating ceiling and speed

Equipped with cannon and carrying rockets and bombs under its wings, the Ouragan has a pressurised cabin permitting the pilot to operate at high altitudes

Its bullet proof fixed screen and the armour force and aft provide additional protection to the pilot when engaged in air battle The aircraft has ejector seats and a sliding jettisonable canopy which form the life saving devices in emergency

GALLANTRY AWARDS

Three new gallantry awards were instituted by the President of the Indian Republic after independence for gallantry in combat with the enemy They are designated the Param Vir Chakra, the Maha Vir Chakra and the Vir Chakra They came into force with effect on August 15, 1947

The Param Vir Chakra is awarded for most conspicuous bravery, or some daring or pre eminent act of valour, or self sacrifice, in the presence of the enemy, whether on land, at sea, or in the air It ranks first among all awards

The Maha Vir Chakra is awarded for acts of gallantry in the presence of the enemy whether on land, at sea, or in the air

The Vir Chakra is awarded for acts of gallantry in the presence of the enemy, whether on land, at sea, or in the air

All members of the Armed Forces including members of the Nursing Services and civilians working with the Armed Forces are eligible for the above three gallantry awards

A fourth gallantry decoration named the Ashoka Chakra in three grades Class one, Class two and Class three was instituted for acts of gallantry other than in face of the enemy This also came into force with effect on August 15, 1947

Class I of the Chakra is awarded for most conspicuous bravery or some daring or pre eminent valour or self sacrifice Class II of the Chakra is awarded for conspicuous gallantry and Class III, for gallantry

Members of Armed Forces and civilians alike are eligible for this award

If any recipient of a Chakra again performs such an act of bravery as would have made him or her eligible to receive the Chakra, such further act of bravery is recorded by a Bar attached to the riband by which the Chakra is suspended and for every such additional act of bravery, an additional Bar is added and any such Bar or Bars is also awarded posthumously For every Bar awarded a replica of the Indra's Vajra in miniature is added to the riband when worn alone

Every recipient of any of these decorations who is junior in rank to a Sub Lieutenant in the Navy, a Second Lieutenant in the Army or a Pilot Officer in the Air Force, is entitled from the date of the act by which the decoration has been gained to a special pension, and each additional Bar conferred carries with it additional pension, for life

A system of Mention in Despatches was also instituted on August 15, 1947 to recognise distinguished and meritorious service in operational areas and acts of gallantry which are not of a sufficiently high order to warrant the grant of *gallantry* awards The terms of eligibility for Mention in Despatches are the same as for gallantry awards Names may be included posthumously and there is no objection to a person's name being mentioned in more than one despatch

The *inter se* order of priority of the new gallantry decorations will be Param Vir Chakra Ashoka Chakra Class I, Maha Vir Chakra Ashoka Chakra Class II Vir Chakra, Ashoka Chakra Class III followed by Campaign Medals, *e g* General service Medal 1947, and Commemorative Medals *e g* Independence Medal State Medals and Commonwealth awards come last

The rates of monetary allowance admissible are as *below* —

(*a*) (*i*) Param Vir Chakra —Rs 50 p m (Rs 70 p m in the case of J C Os who have previously been awarded an award of the second Order of gallantry such as the I O M)

(*ii*) Each Bar to P V C —Rs 20 p m

(*b*) (*i*) Maha Vir Chakra —Rs 20 p m (Rs 50 p m in the case of J C Os who have been previously awarded a gallantry award of the 3rd order such as the M C)

(*ii*) Each Bar to M V C —Rs 10 p m

(*c*) (*i*) Vir Chakra —Rs 20 p m

(*ii*) Each Bar to Vr C —Rs 8 p m

On the death of such a recipient of the hakra the pension is continued to his widow ntil her death or remarriage

The following are the details of Republican India's awards won by members of the Armed Forces —

INDIAN ARMY

Param Vir Chakra—5 (3 posthumous)

Ashoka Chakra Cl I —2 (1 posthumous)

Maha Vir Chakra—49 (19 posthumous)

Ashoka Chakra Cl III—8 (1 posthumous)

Vir Chakra —286 (57 posthumous)

Ashoka Chakra Cl III —18

Mention in Despatches —1 127(35 posthumous)

INDIAN NAVY

Ashoka Chakra Class III—1

INDIAN AIR FORCE

Ashoka Chakra Cl I—1

Maha Vir Chakra —4

Ashoka Chakra Cl II—4

Vir Chakra— 30 (2 posthumous)

RANKING

The various ranks in the Army starting from the lowest are as follows

Sepoy Lance Naik Naik Havildar, Havildar Major Jemdadar Subedar/Risaldar Subedar Major/Risaldar Major, 2nd Lieutenant Lieutenant, Captain Major Lieut Colonel, Colonel Brigadier, Major General, Lieut General, General

Jemadars Subedars Risaldars Subedar Majors and Risaldar Majors are Junior Commissioned officers, while those with the ranks of 2nd Lieutenant and above are officers

The various ranks in the Navy from the top downwards are as follows

Admiral Vice Admiral Rear Admiral Commodore Captain, Commander Lieut Commander, Lieutenant, Acting Sub Lieutenant, Branch List Officer Midshipman Chief Petty Officer, Petty Officer, Leading Rate, Able Rate Ordinary Rate

The ranking in the IAF is as follows

Air Chief Marshal Air Marshal Air Vice Marshal, Air Commodore Group Captain Wing Commander Squadron Leader Flight Lieutenant Flying Officer Pilot Officer These are officers

The men are ranked as follows

Master Warrant Officer, Warrant Officer, Flight Sergeant Sergeant Corporal, Leading Aircraftman, Aircraftman Class I, Aircraftman Class II

INDIAN SOLDIERS', SAILORS' AND AIRMEN'S BOARDS

These Boards are probably the most important and valuable non official institutions connected with the Armed Forces The nucleus of their funds was the residue of the Imperial Indian War Relief Fund which was handed in at the end of 1922 The face value of the securities constituting the fund amounted on 31st March 1953 to Rs 11 97 700, bearing an annual interest of Rs 35,931

The Board has its seat at New Delhi and co ordinates the activities of State Boards which exist in each State Under the control of these State Boards there exists throughout the country a network of District Boards reinforced in some cases by Tehsil or Taluka Committee and other kindred bodies These Boards are established in all districts from which recruits have been obtained in sufficient numbers The President of the Board is the Collector or the Deputy Commissioner Each Board has a paid Secretary usually an ex I C O or ex J C O At present there are 176 District Boards

The following are the objects and duties of the District Soldiers, Sailors and Airmen's Boards —

(*a*) Constantly to endeavour to promote and maintain a feeling of good will between the civilian and military classes,

(*b*) To give all possible assistance to the President of the Board in his capacity as head of the district in all administrative matters connected with the ex Serviceman or his family,

(*c*) To demonstrate the benefit of and so promote the desire for mutual co-operation between ex Servicemen and civilian officials,

(*d*) To represent and explain to the civil authorities all matters of particular *moment to* ex Servicemen that require the attention of the local *administration*,

(*e*) Generally to watch over the welfare of the ex servicemen and their families and the interests of serving personnel absent from home, with their units

The Indian Soldiers, Sailors and Airmen's Board Fund is now used primarily for payment of special pensions to blinded ex Servicemen, and to meet the expenditure on miscellaneous items such as bank charges audit fees etc in connection with the administration of the fund The surplus interest on investments is being utilised towards the maintenance of the District Soldiers, Sailors and Airmen's Boards

There are other Central funds which are not under the control of the Indian Soldiers Sailors' and Airmen's Boards They are

Armed Forces Benevolent Fund, Flag Day Fund (1952 53 Rs 7 lakhs), Armed Forces *Reconstruction* Fund, the Army Central Welfare Fund the Indian Navy Benevolent Association Fund the Indian Navy Amenities Fund, the Indian Air Force Benevolent Association Fund, the Indian Air Force Central Welfare Fund, St Dunstan's India Fund

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LAWS OF 1952-53

THE following is a list of the Acts passed between February and August 1952. The dates within the brackets are the dates when the bill got the assent of the President and became an Act —

1 The Part B States Marriages Validating Act, 1952 (February 15, 1952)

2 The Prevention of Corruption (Amendment) Act 1952 (February 15 1952)

3 The Indian Explosives (Amendment) Act, 1952 (February 22, 1952)

4 The Madras Port Trust (Amendment) Act 1952 (February 23 1952)

5 The Delhi University (Amendment) Act 1952 (February 23, 1952)

6 The Capital Issues (Continuance of Control) Amendment Act 1952 (February 23, 1952)

7 The Abducted Persons (Recovery and Restoration) Amendment Act 1952 (February 23 1952)

8 The Foreign Exchange Regulation (Amendment) Act 1952 (February 23 1952)

9 The Indian Independence Pakistan Courts (Pending Proceedings) Act, 1952 (February 23, 1952)

10 The Uttar Pradesh Cantonments (Control of Rent and Eviction) Act 1952 (February 27 1952)

11 The Bombay Port Trust (Amendment) Act 1952 (February 29 1952)

12 The Coal Mines (Conservation and Safety) Act 1952 (March 4 1952)

13 The Appropriation Act, 1952 (March 4 1952)

14 The Punjab Appropriation Act, 1952 (March 4 1952)

15 The Appropriation (Railways) Act 1952 (March 4 1952)

16 The Punjab Appropriation (Vote on Account) Act 1952 (March 4 1952)

17 The Control of Shipping (Amendment) Act 1952 (March 4 1952)

18 The Industrial Disputes (Amendment) Act, 1952 (March 4 1952)

19 The Employees Provident Funds Act 1952 (March 4 1952)

20 The Inflammable Substances Act, 1952 (March 6 1952)

21 The Appropriation (Railway) Vote on Account Act 1952 (March 6 1952)

22 The Bombay Coasting Vessels (Amendment) Act 1952 (March 6 1952)

23 The Code of Criminal Procedure (Amendment) Act 1952 (March 6 1952)

24 The Criminal Tribes Laws (Repeal) Act, 1952 (March 6 1952)

25 The Indian Boilers Amendment Act 1952 (March 6, 1952)

26 The Delhi Special Police Establishment (Amendment) Act 1952 (March 6 1952)

27 The Indian Tariff (Amendment) Act, 1952 (March 7 1952)

28 The Appropriation (Vote on Account) Act, 1952 (March 7 1952)

29 The Finance Act, 1952 (March 7, 1952)

30 The Requisitioning and Acquisition of Immovable Property Act 1952 (March 14, 1952)

31 The Presidential and Vice Presidential Elections Act 1952 (March 14, 1952)

32 The Contempt of Courts Act, 1952 (March 14, 1952)

33 The Territorial Army (Amendment) Act, 1952 (March 14 1952)

34 The Preventive Detention (Amendment) Act, 1952 (March 14, 1952)

35 The Mines Act, 1952 (March 15 1952)

36 The Indian Standards Institutions (Certification Marks) Act, 1952 (March 21, 1952)

37 The Cinematograph Act 1952 (March 21, 1952)

38 The Delhi and Ajmer Rent Control Act, 1952 (April 15 1952)

39 The Saurashtra (Abolition of Sea Customs Duties and Imposition of) Port Development Levy Repealing Act 1952 (July 10, 1952)

40 The Displaced Persons (Claims) Amendment Act 1952 (June 10 1952)

41 The Calcutta Port (Amendment) Act, 1952 (June 10, 1952)

42 The Indian Tariff (Second Amendment) Act 1952 (June 15 1952)

43 The Appropriation (Railways) No 2 Act, 1952 (July 19 1952)

44 The Appropriation (No 2) Act, 1952 (July 22 1952)

45 The Indian Tariff (Third Amendment) Act 1952 (July 22 1952)

46 The Criminal Law Amendment Act, 1952 (July 28 1952)

47 The Maintenance Orders Enforcement (Amendment) Act 1952 (July 30 1952)

48 The Repealing and Amending Act 1952 (August 2 1952)

49 The Indian Tea Control (Amendment) Act 1952 (August 2 1952)

50 The Rubber (Production and Marketing) Amendment Act 1952 (August 2 1952)

51 The Indian Companies (Amendment) Act 1952 (August 6 1952)

52 The Essential Goods (Declaration and Regulation of Fix on Sale or Purchase) Act 1952 (August 9 1952)

53 The Notaries Act, 1952 (August 9 1952)

54 The Central Tea Board (Amendment) Act 1952 (August 9 1952)

55 The Indian Ports (Amendment) Act 1952 (August 9 1952)

56 The Central Silk Board (Amendment) Act, 1952 (August 9 1952)

57 The National Cadet Corps (Amendment) Act 1952 (August 11, 1952)

58 The Salaries and Allowances of Ministers Act 1952 (August 12 1952)

59 The Prevention of Corruption (Second Amendment) Act 1952 (August 12 1952)

60 The Commissions of Inquiry Act 1952 (August 14 1952)

61 The Preventive Detention (Second Amendment) Act 1952 (August 22 1952)

62 The Reserve and Auxiliary Air Forces Act, 1952 (August 22 1952)

63 The State Armed Police Forces (Extension of Laws) Act, 1952 (August 22 1952)

64 The Code of Criminal Procedure (Second Amendment) Act 1952 (August 27 1952)

65 The Essential Supplies (Temporary Powers) Amendment Act, 1952 (August 27 1952)

The following acts were passed during the year 1953 —

66 The Indian Tariff (Fourth Amendment) Act

67 The Sugar (Temporary Additional Excise Duty) Act

68 The Indian Oilseeds Committee (Amendment) Act

69 The Indian Coconut Committee (Amendment) Act

70 The Indian Patents and Designs (Amendment) Act

71 The Code of Civil Procedure (Amendment) Act

72 The Mysore High Court (Extension of Jurisdiction to Coorg) Act

73 The Indian Power Alcohol (Amendment) Act

74 The Forward Contracts (Regulation) Act

75 The West Bengal Evacuee Property (Tripura Amendment) Act

76 The Influx from Pakistan (Control) Repealing Act

77 The Abducted Persons (Recovery and Restoration) Amendment Act

78 The Industrial Finance Corporation (Amendment) Act

79 The Iron and Steel Companies Amalgamation Act

80 The Appropriation (No 3) Act

81 The Delimitation Commission Act

DETAILS

Some of the more important Acts from the above are dealt with in detail below

Act 1 The Part B States Marriages Validating Act —S 2 The Christian Marriages solemnised under the Indian Christian Marriage Act 1872 in any Part B States other than Jammu and Kashmir between 26th January 1950 and 31st March 1951 shall be valid

Act 2 The Prevention of Corruption (Amendment) Act —Amends the Prevention of Corruption Act 1947 by substituting in sub section 3 of section 1 of the Act the words ten years for the words five years

Act 4 The Madras Port Trust (Amendment) Act —Amends the Madras Port Trust Act 1905 The number of trustees is reduced from twenty one to twenty

Act 5 The Delhi University (Amendment) Act —Amends the Delhi University Act 1922

S 2 makes the Delhi University a teaching and affiliating University

Act 7 The Abducted Persons (Recovery and Restoration) Amendment Act —Amends the Abducted Persons (Recovery and Restoration) Act 1949 and lays down the extent of its application

Act 8 The Foreign Exchange Regulation (Amendment) Act —Amends the Foreign Regulation Act 1947

S 2 extends the life of the principal Act into December 1957

S 6 makes certain provisions relating to obligations of foreign companies to furnish certain information to the Central Government and incidental things

S 7 lays down that if information is not supplied to the Central Government, warrant may be issued against the defaulting person

S 9 makes the Sea Customs Act applicable in certain cases

Act 9 The Indian Independence Pakistan Courts (Pending Proceedings) Act —S 3 Certain Pakistan decrees will not be given effect to in India

S 4 A holder of such a decree may institute a fresh suit within one year from the commencement of the Act

Act 11 The Bombay Port Trust (Amendment) Act —Amends the Bombay Port Trust Act of 1879

Act 12 The Coal Mines (Conservation and Safety) Act —Provides for the conservation of coal and for safety in coal mines

S 4 provides for establishment of a Coal Board

S 5 lays down the functions of the Board

S 6 empowers the Board to enter upon any property in which the work has to be done

S 7 Powers of the Central Government in respect of safety in coal mines and conservation of coal are stated

S 8 The Central Government may impose excise duties not exceeding one rupee per ton on all coal raised and dispatched Additional duty may be imposed on selected coal

S 9 The Central Government may impose Customs duty on all coal imported or brought into India

Secs 10 and 11 provide for collection of excise duties and payment to the Coal Board

S 12 creates the Coal Mines Safety and Conservation Fund and lays down that the money received by the Board shall be credited to this Fund It also lays down the purposes for which the fund may be used

S 13 lays down powers of Inspectors and the Chief Inspector as regards examination and inquiry to ascertain whether the provisions of the Act are complied with or not

S 14 makes some of the provisions of the Indian Mines Act 1923 applicable to an order issued under this Act

S 15 lays down the composition of Advisory Committees

S 16 protects every action taken in good faith

Act 17 The Control of Shipping (Amendment) Act —Amends the Control of shipping Act, 1947 by substituting the figures 1954 in place of the figures 1952 in sub section 13J of Section 1 of the Principal Act

Act 18 The Industrial Disputes (Amendment) Act —Amends the Industrial Disputes Act, 1947

S 3 lays down that the Tribunal to which a dispute is referred for adjudication shall confine its adjudication to those points and matters incidental thereto It also lays down that the appropriate Government may include, while making in order for adjudication in a dispute concerning any establishment, similar establishment in the order

S 5 repeals corresponding ordinance

Act 19 The Employees' Provident Funds Act —Provides for the institution of provident funds for employees in factories and other establishments

S 3 empowers the Central Government to apply this Act to establishments which have a common provident fund with a factory

S 6 The employers contribution shall be six and a quarter per cent of the basic wages and dearness allowances, and the employees contribution shall not exceed eight and one third per cent

S 8 lays down the mode of recovery of moneys due from employers

S 12 No employer shall by reason only of his liability for any contribution payable under this Act reduce directly or indirectly wages of any employee

S 13 Provides for appointment of Inspectors under this Act

S 14 The punishment for violation of provisions of this Act may extend to six months

S 16 This act will not apply to factories belonging to Government or local authority but also to infant factories, *i e* factories that have not completed three years of existence

S 17 empowers the appropriate Government to exempt from the operation of this Act any factory if the rules of its Provident fund are in conformity with this Act or are more favourable to the employee

S 20 repeals the ordinance 8 of 1951 Schedule I mentions the industries Cement Cigarettes, Electrical, Mechanical or general engineering products, Iron and Steel paper and textiles

Act 20 The Inflammable Substances Act —S 3 mentions the dangerously inflammable substances They are acetone calcium phosphide carbide of calcium, cinematograph films having a *nitro cellulose* base ethyl alcohol, methyl alcohol and wood naphtha

S 4 empowers the Central Government to apply the Petroleum Act of 1934 to dangerously inflammable substances

S 7 repeals section 30 of the Petroleum Act

Act 23 The Code of Criminal Procedure (Amendment) Act —Empowers the Supreme Court to transfer cases and appeals from one High Court to another High Court or from a Criminal Court subordinate to one High Court to another Criminal Court of equal or superior jurisdiction subordinate to another High Court The Act also lays down the procedure to be followed by the Court to which the case is transferred

Act 24 The Criminal Tribes Law (Repeal) Act —Provides for the repeal of the Criminal Tribes Act 1924 and certain other laws corresponding thereto with effect from the 31st day of August 1952

Act 27 The Indian Tariff (Amendment) Act —Amends the Indian Tariff Act of 1934

Act 29 The Finance Act —S 2 makes provision for the continuance for the financial year the existing rates of income tax and super tax

S 3 provides for additional duties on Customs and Excise

S 4 discontinues salt duty from 1st April 1952

Act 30 The Requisitioning and Acquisition of Immoveable Property Act —S 1 The Act shall remain in force for a period of six years from the date of the commencement

S 3 empowers the competent authority to requisition immoveable property for a public purpose being a purpose of the Union Before requisitioning the landlord will be given a notice in writing and will be asked to show cause why the property should not be requisitioned It also lays down that certain properties cannot be requisitioned

S 6 The requisitioned property may be released at any time by the Central Government If the requisitioned property is destroyed by any act not due to the fault of the Government the requisitioning shall be void

S 8 lays down the principles and method of determining compensation

S 10 provision is made for appeals from orders of requisitioning The appeal is to be preferred to the Central Government

S 11 Provision is made for appeals from awards in respect of compensation

S 14 provides for power to enter and inspect

S 19 bars the jurisdiction of Civil Courts as regards matters under this Act

S 23 validates certain requisitions and acquisitions

S 24 repeals the following Acts

(i) The Requisitioned land (Continuance of Powers) Act 1947 and the Requisitioning and Acquisition of Immovable Property Ordinance, 1952

Act 31 The Presidential and Vice-Presidential Elections Act —Regulates certain matters relating to or connected with elections to the office of President and Vice President of India

Part II refers to the actual conduct of Presidential and Vice Presidential elections

Part III lays down rules for removing disputes regarding elections

Part V contains miscellaneous provisions

Act 32 The Contempt of Courts Act —Defines and limits the powers of certain Courts in punishing contempts of Courts

S 3 lays down that no High Court shall take cognizance of a contempt alleged to have been committed in respect of a court subordinate to it, where such contempt is an offence punishable under the I P Code

S 4 lays down that the punishment for contempt may extend to simple imprisonment for a term not exceeding six months or fine upto two thousands or both

S 5 empowers the High Court to try offences committed or offenders found outside its jurisdiction

Act 33 The Territorial Army (Amendment) Act —Amends the Territorial Army Act of 1948

S 2 lays down that it shall be the duty of every employer by whom a person who is required to perform military service was employed to re instate him in his employment He must be employed on conditions not less favourable than those which would have been applicable to him had his employment not been interrupted Under certain circumstances an employer may be exempted from this liability During the period of military service the employee shall continue to enjoy the rights under any provident fund or any other similar scheme

Act 34 The Preventive Detention (Amendment) Act —Amends the Preventive Detention Act of 1950

S 3 lays down rules as regards validity and duration of detention in certain cases

Act 35 The Mines Act —Amends and consolidates the law relating to the regulation of labour and safety in mines

Chapter II lays down provisions as regards Inspectors and Certifying Surgeons

It also provides that the District Magistrate may exercise powers and perform the duties of an Inspector under certain circumstances

S 7 lays down the powers of Inspectors of Mines

S 9 All facilities must be afforded to Inspectors

S 11 refers to the appointment of a Certifying Surgeon and mentions his duties

Chapter III deals with Mining Boards and Committees

S 12 provides for Constitution of Mining Boards

S 13 lays down the constitution of Committees

S 14 states the powers of Mining Boards

S 15 lays down rules as regards recovery of expenses of any inquiry from the owner or the agent of the mine concerned

S 16 Every owner or agent must give notice to the Chief Inspector, before beginning mining operations

S 17 provides for the appointment of a Manager for every mine

S 18 lays down in detail duties and responsibilities of owners, agents, and managers

S 19 Arrangements ought to be made in every mine for cool and wholesome drinking water

S 20 lays down the detailed provisions regarding conservancy

S 21 provides for medical facilities

S 22 The Inspector may give notice to the owner, calling upon him to make necessary repairs

S 23 It is obligatory for every owner of a mine to give notice of any accident that might happen in the mine

S 24 empowers the Central Government to appoint a Court of Inquiry in cases of accident

S 25 lays down the procedure to be followed in case a miner contracts a disease connected with mining operations

S 28 Only six days in a week will a miner be required to work

S 29 provides for compensatory days of rest in case a person is deprived of his weekly days of rest

S 30 there will be only 48 hours a week

S 31 Hours of work below ground shall not be more than eight hours in a day and 44 hours in a week as a general rule

S 33 Extra wages will be paid for over time and also the rate of the extra wages

S 35 An adult may be employed for fifty six hours a week and the total number of hours of his overtime work cannot exceed fifty for any one quarter

S 37 excludes the supervising staff from the operation of section 28, 30, 31, 34 and 36

S 43 empowers an Inspector to serve on the Manager of the Mine a notice requiring that a particular person shall be medically examined by a Certifying Surgeon

S 45 No child shall be employed in any mine

S 46 lays down rules as regards employment of women in mines

S 51 provides for annual leave with wages the period of leave may be seven days or fourteen days, depending upon the nature of employment

S 56 empowers the Central Government to exempt certain mines from the application of these leave rules

S 61 lays down that the owner of a mine is to make bye laws if called upon to do so either by the Chief Inspector or an Inspector

S 72 lays down the obligations of persons employed in a mine

S 73 provides penalty for disobedience of orders

S 77 mentions the cases in which the owner, or agent or Manager may be exempted from liability

S 80 No court inferior to that of a Presidency Magistrate or Magistrate of the First Class shall try offences under this Act

S 81 The Court may refer the case to Mining Board or Committee in lieu of prosecution under certain circumstances

S 85 This Act shall apply to mines belonging to the Government

S 86 Certain provisions of the Factories Act of 1948 will be applicable to all mines

S 88 repeals the Indian Mines Act of 1923

Act 36 The Indian Standards Institution (Certification Marks) Act —Provides for the standardisation and marking of goods

S 3 lays down powers and duties of Indian Standards Institution

S 5 provides for prohibition of improper use of standard marks

S prohibits registration in certain cases

S 8 enables the Institution to appoint Inspectors

S 13 Penalty for improper use of standard marks may be a fine which may extend to Rs 10,000

S 17 This Act will not affect the operation of the Agricultural Produce (Grading and Marking) Act of 1937 and the Drugs Act of 1940

Act 37 The Cinematograph Act —S 1 lays down that Parts I II and IV extends to the whole of India, while Part III to Part 'C States only

S 3 provides for the constitution of a Board of Film Censors

S 4 provides for certification of films as 'U', *ie* for all, and 'A *ie* for adults only It also enables the Board to refuse certification

S 5 provides for an appeal against the decision of the Board to the Central Government

S 9 empowers the Central Government to exempt the exhibition of any film or class of films from any of the provisions of this Part

Part 3 also deals with the same topic but with respect to Part 'C' States

S 11 The licensing authority shall be the District Magistrate

S 12 enables the aggrieved person to appeal to the State Government

S 13 empowers the Central Government or local authority to suspend exhibition of films if it is likely to cause breach of peace

S 18 repeals the Cinematograph Act 1918 (Act II of 1918) In Part A and Part B States the repeals shall have effect only in so far as the said Act relates to the sanctioning of cinematograph films exhibition

Act 40 The Displaced Persons (Claims) Amendment Act —Amends the Displaced Persons (Claims) Act of 1950

S 2 says "It shall remain in force for a period of three years only

S 3 repeals the Displaced Persons (Claiming) Ordinance of 1952

Act 41 The Calcutta Port (Amendment) Act —Amends the Calcutta (Port) Act of 1890

Act 42 The Indian Tariff (Second Amendment) Act —Amends the Indian Tariff Act of 1934

Act 45 The Indian Tariff (Third Amendment) Act —Amends the Indian Tariff Act of 1934

S 2 enables the Central Government to rescind the notification approved by Parliament

Act 46 The Criminal Law Amendment Act —Provides for a more speedy trial of certain offences

S 2 The maximum period of imprisonment is three years instead of two years

S 3 provides for punishment for abetment of offences defined in section 161 or section 165

S 5 provides for transfer of some cases to the Court of Special Judge appointed under the Criminal Law Amendment Act

S 6 empowers the State Government to appoint special judges Only a Sessions Judge or an Additional Sessions Judge will be qualified to be appointed a judge under this Act

S 7 Every offence specified in sub section (1) of section 6 shall be tried by the Special Judge for the area

S 8 The Special Judge has the power to tender pardon to any person supposed to have been directly or indirectly concerned in an offence The procedure laid down by the Cr P C will be followed in trial of such cases

S 9 provides for appeals and revision

S 10 provides for transfer of all cases triable by a special judge but pending before any Magistrate to the Special Judge having jurisdiction over such cases

Act 49 The Indian Tea Control (Amendment) Act —Amends the Indian Tea Control Act of 1938

S 3 lays down the duration of the office to be held by the members

S 4 prohibits planting of tea in any land which was not planted with tea or on the 31st day of March 1950

Act 51 The Indian Companies (Amendment) Act —Amends the Indian Companies Act of 1913

S 2 enables the Central Government to exempt any company from the operation of sub section (1) of section 1 in the public interest

Act 52 The Essential Goods (Declaration and Regulation of Tax and Sale or Purchase) Act —Declares that certain goods are essential for the life of the Community

S 2 declares that the goods specified in the schedule are declared to be essential for the life of the community

S 3 lays down that any law authorising the imposition of a tax on the sale or purchase of the goods mentioned in the Schedule, must be reserved for the consideration of the President, otherwise it will have no effect

Act 53 The Notaries Act —Regulates the profession of notaries

S 3 empowers the Central Government and the State Government to appoint notaries

S 4 makes it obligatory for the Government to maintain a Register including detailed information about the notaries

S 8 mentions in detail the functions of notaries All acts done by a notary in his official capacity must bear his signature and have the official seal

S 10 mentions the circumstances under which the name of a notary may be removed from the register

S 12 provides penalty for falsely representing to be a notary

S 14 lays down rules as regards reciprocal arrangements for recognition of notarial acts done by foreign notaries

S 16 amends the definition of 'Notary Public in the Negotiable Instruments Act of 1881

Act 54 The Central Tea Board (Amendment) Act —Amends the Central Tea Board Act of 1949

S 2 adds a proviso to Clause (V) of section 4 of the Principal Act

Act 55 The Indian Ports (Amendment) Act —Amends the Indian Ports Act of 1908

Both Ss 2 and 3 are with respect to the breaking of the Vessel, and payment of deficiency to the Conservator on demand

Act 56 The Central Silk Board (Amendment) Act —Amends the Central Silk Board Act of 1948

S 2 provides for the membership of the Board from the Parliament

S 3 provides for nomination by the Central Government in place of election by the Board

Act 57 National Cadet Corps (Amendment) Act —Makes a minor amendment in the National Cadet Corps Act of 1948 It lays down that two members will be elected by the House of the People and one member by the Council of States annually on the Advisory Committee

Act 58 The Salaries and Allowances of Ministers Act —Provides for the salaries and allowances of Ministers

S 2 The term Minister includes a Deputy Minister

S 3 Salary of a Minister will be Rs 2 250 and that of a Deputy Minister Rs 1,750 per month

S 4 lays down that a Minister shall be entitled without payment of rent to the use of a furnished residence

S 5 provides for sumptuary allowances to Ministers

S 7 entitles a Minister to medical treatment free of charge

S 8 enables the Ministers to draw advances for purchase of motor cars

S 9 lays down that Ministers will not draw salary or allowances as members of Parliament

Act 59 The Prevention of Corruption (Second Amendment) Act —Amends the Prevention of Corruption Act of 1947

S 3 lays down a presumption to be accepted by a Court under Section 165A when any one is tried for corruption

S 5 lays down rules about investigation into cases under this Act

S 6 lays down rules as regards the appropriate Government the previous sanction of which is necessary for prosecution under this Act

Act 60 The Commissions of Inquiry Act—Provides for the appointment of Commissions of Inquiry and for vesting such Commissions with certain powers

S 4 The Commission shall have powers of a Civil Court in respect of certain matters such as production of evidence and attendance of witnesses

S 5 The Commission can compel any person to furnish the required information It also enables the Commissioner to enter any building for getting any book of accounts etc

S 6 protects a person who gives evidence before a Commission for statements made to the Commission provided they are relevant

S 11 This Act may be made applicable by the Government to other inquiring authorities in certain cases

Act 61 The Preventive Detention (Second Amendment) Act—Amends the *Preventive Detention Act of 1950*

S 2 extends the life of the Principal Act upto 31st December 1954

S 5 makes every offence under the Act cognizable

S 6 amends section 7 of the *Principal Act* by substituting not more than five days from the date of detention for the words as soon as may be

S 7 lays down rules about appointment of the advisory Boards

S 8 lays down procedure to be followed for making references to Advisory Boards within 30 days from the date of detention the Advisory Board must get all relevant papers from the Government

S 9 The Advisory Board must submit the report within 10 weeks from the date of detention

S 10 provides for maximum period of detention

S 11 enables the appropriate Government to issue a fresh detention order

Act 62 The Reserve and Auxiliary Air Force Act—Provides for the constitution and regulation of certain Air Force Reserves and also an Auxiliary Air Force and for matters connected therewith

S 4 provides for constitution of Regular Air Force Reserve

S 5 lays down rules about recruitment to the Regular Air Force Reserve

S 6 mentions the classes of persons in the Regular Air Force Reserve styled as (i) General duties officer, (ii) Ground duties officers and (iii) Airmen

S 7 enables the competent authority to extend the period of service not exceeding in the aggregate five years

S 8 provides for the termination of service in the Reserve

S 9 enables the Central Government to constitute Air Defence Reserve

S 10 mentions the three classes of the members of the Air Defence Reserve

S 15 provides for registration of persons who are considered for the enrolment

S 16 enables the competent authority to call up a person whose name is entered in the register for service

S 17 lays down rules about the period of service

S 18 enables the Central Government to constitute an Auxiliary Air Force

S 19 There shall be three classes of the members of the Auxiliary Air Force

S 20 provides for granting commissions to a fit person in the Auxiliary Air Force

S 21 lays down rule as regards eligibility for enrolment

S 22 lays down the period of service which is five years This may be extended upto 10 years at the willingness of the person concerned

S 23 lays down rules as regards termination of service

S 24 provides for constitution of Advisory Committees

S 25 Every member of an Air Force Reserve of the Auxiliary Air Force shall be liable to be called up for service

S 26 applies Air Force Act of 1950 to every member of an Air Force Reserve or of the Auxiliary Air Force

S 27 Every employer is bound to give leave to his employee if he is called up for service and to reinstate him in his employment on the termination of the period of service The section however empowers the authority to exempt an employer from the provisions of this Act it also provides penalty to be imposed on an employer who fails to obey the order of the appropriate authority

S 28 preserves certain rights of persons called up for service The rights relate to provident fund or superannuation fund or any other scheme for the benefit of the employee

S 29 provides for pay and allowances to the member of the Air Force Reserve or Auxiliary Air Force during the period of training or active service The difference will have to be paid by the employer

S 31 lays down rules as regards service of notice

S 36 repeals the Indian Air Force Volunteer Reserve (Discipline) Act of 1939

Act 63 The State Armed Police Forces (Extension of Laws) Act—S 3 Where any detachment of an armed police force of a State is serving in any part of another State then every member of that detachment shall continue to be subject to the same laws in respect of discipline and liabilities as would have been applicable to him if he had been discharging these functions within the State

S 5 repeals the United Provinces Provincial Armed Constabulary (Extension of Laws) Act of 1949

The Police Force Constituted under the Acts will be considered armed police force under this Act

Act 64 The Code of Criminal Procedure (Second Amendment) Act—Amends the Code of Criminal Procedure of 1898

S 2 substitutes the words the armed forces instead of the words and figures The Indian Army, Navy and Air Force or a person subject to the Territorial Army Act of 1948

S 5 enables any Commissioned officer of the Armed forces namely the Army the Navy, Air Force or of Territorial Army to disperse any assembly

Act 66 The Indian Tariff (Fourth Amendment) Act—S 2 amends the first schedule to the Act of 1934, in order to continue protection of certain industries on the advice of the Tariff Commission

S 4 empowers the Central Government to appoint the President of the Committee

Act 70 The Indian Patents and Designs (Amendment) Act—Amends the Indian Patent and Designs Act of 1911

S 2 empowers the Controller to grant licence at any time whilst the patent is in force The Controller must ensure while granting such licence that food medicine and surgical and curative devices are available at the lowest price

Act 71 The Code of Civil Procedure (Amendment) Act—Amends the Code of Civil Procedure Act of 1908

S 2 amends section 44A of the Act and omits the words "the United Kingdom and substitutes new explanations for original explanations 1 to 3 The explanations refer to Reciprocating Territory and Decree

Act 74 The Forward Contracts (Regulation) Act This Act provides for the regulation of certain matters, relating to forward contracts the prohibition of options in goods and for matters connected therewith It is not applicable to transactions on stock exchange Forward contracts can be allowed only in accordance with the rules and bye laws of a recognised association The Act makes provision for establishment of Forward Markets Commission and of an Advisory Committee

S 3 enables the Central Government to establish the Forward Markets Commission Lays down the composition and constitution of the Commission

S 4 lays down some of the functions of the Commission

S 5 lays down that any association concerned with the regulation and control of forward contracts may make an application to the Central Government

S 6 enables the Central Government to grant recognition to the Association that has applied for it after making the necessary inquiry The Central Government may lay down conditions The section also empowers the Central Government to issue direction to the Association as regards membership etc before granting recognition

S 7 provides for the withdrawal of recognition

S 8 empowers the Central Government to call for periodical returns or to direct inquiries to be made

S 11 empowers the recognised association to make bye laws The bye laws must be approved by the Central Government

S 13 empowers the Central Government to supersede governing body of recognised association The Government however, will give reasonable opportunity to the association to show cause why it should not be superseded The Government then may appoint any person to perform the functions of the governing body

S 14 empowers the Central Government to suspend business of recognised associations

S 15 The Central Government may by notification declare in the forward contracts in notified goods will be illegal or void under certain circumstances The section lays down the consequences in detail of such a notification on the members of recognised associations

S 16 mentions the consequences of such notifications on the forward contracts entered into before the date of notification

S 17 empowers the Central Government to prohibit forward contracts in certain cases

S 19 prohibits options in goods

Chapter V lays down penalties and procedure

S 24 states that no Court inferior to that of Presidency Magistrate or a Magistrate of the first class shall take cognizance under this Act

S 25 enables the Central Government to establish an advisory Committee

S 27 enables the Central Government to exempt any Contract or class of contracts from the operation of this Act

Act 76 The Influx from Pakistan (Control) Repealing Act—S 2 repeals the Influx from Pakistan (Control) Repealing Act of 1949

S 3 saves from repeal any permit which was intended to continue in force beyond 15th October 1952

Act 77 The Abducted Persons (Recovery and Restoration) Amendment Act — S 2 extends the life of the Abducted Persons (Recovery and Restoration) Act of 1949 upto 28th February 1954

S 5 refers to the power to take into custody abducted persons found in territories to which the other provisions of this Act do not extend

S 9 repeals the Abducted Persons (Recovery and Restoration) Amendment Ordinance of 1952

Act 78 The Industrial Finance Corporation (Amendment) Act —Amends the Industrial Finance Corporation Act of 1948

S 6 deals with removal of Director from office

S 7 refers to filling the casual vacancy of Managing Director

S 16 lays down rules as regards loan in foreign currency

S 17 lays down the procedure to be followed when the management of an industrial concern is taken over by the Corporation

S 19 provides the procedure to be adopted by the Corporation when an industrial concern fails to comply with the terms of agreement

S 20 inserts new sections 30A to 30I in the Act S 30A empowers the corporation to appoint directors of an industrial concern when the management of the same is taken over

S 30B mentions the effect of notified order appointing directors All persons holding office as directors of the concern shall be deemed to have vacated their offices It will also put an end to any contract of management between the concern and any managing agent

S 30C lays down the powers and duties of the directors appointed under section 30A

S 30D lays down that there will be no right to compensation for termination of contract of Managing agents managing director, etc

S 30E lays down rules as regards the application of the Indian Companies Act to the Industrial concerns

S 22 refers to the constitution of special reserve fund

S 24 refers to the auditing of the affairs of the Corporation

S 29 provides for the effect of this Act on other laws

Act 79 The Iron and Steel Companies Amalgamation Act —S 3 provides for amalgamation of certain companies engaged in the Iron and steel industry

S 4 provides for transfer of certain items of property of dissolved company

S 5 All contracts, deeds agreements etc of the dissolved Company shall be of as full force and effect against or in favour of the Iron and Steel Company, as the case may be

S 6 lays down rules as regards savings of legal proceedings to which the dissolved Company is a party

S 7 lays down the terms of transfer as respects shareholders in the dissolved Company

S 8 lays down rules as regards priority as between secured creditors of the dissolved Company and the secured creditors of the Iron and Steel Company

S 9 lays down provisions with respect to taxation

S 10 provides for payment of interim dividends to shareholders in the dissolved Company

S 11 lays down provision respecting existing officers and other employees of the dissolved Company

S 12 lays down rules as regards the position of directors of the dissolved Company

S 13 provides for the dissolution of the Steel Corporation of Bengal Limited

S 15 repeals the Iron and Steel Companies Amalgamation Ordinance of 1952

Act 81 The Delimitation Commission Act — S 3 provides that the Delimitation Commission shall consist of three members of which the Chief Election Commissioner will be one

S 4 mentions the duties of the Commissioner, *i e* the delimitation of Constituencies

S 5 provides for appointment of associate members The number of such members may vary from two to seven depending upon the population of the State The associate members shall have no right to vote

S 7 The Commission shall have powers of a Civil Court with respect to certain matters

S 8 provides for the manner of making readjustment and delimitation In making the readjustment the Commission shall have regard to provisions of Article 81 and Article 330 of the Constitution The Commission shall not make readjustment as regards the State of Jammu and Kashmir

S 9 The final orders of the Commission shall be published in the *Gazette of India* and such publication will give the orders the force of law Every published order shall be laid before the House of the People

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EDUCATION

SINCE August 15, Education at the Centre has been constituted into a separate Ministry of Education, the present Minister for Education being Maulana Abul Kalam Azad The State Governments are fully autonomous in regard to educational matters except in respect of educational development programme for which they receive grants in aid from the Central Government Such programme has to be approved by the Central Government who have to examine whether it is in accord with the All India approved educational policy

The Ministry has offices in London, Washington Nairobi and Bonn

In the States the Secretary Department of Education, is the permanent head of the Department and the Director of Public Instruction (in some States he is called the Director of Education) acts as an expert Adviser to the Minister in charge of Education The Director controls the inspecting staff and the teaching staff of the Government Institutions In some States (Coorg Kutch Bilaspur) the functions of Director are discharged by the Educational Officer in others (Bhopal, Manipur, Tripura) by the Education Secretary

The authority of Government in controlling the system of public instruction is in part shared with and in part delegated to Universities and Boards of Secondary and Intermediate Education as regards secondary education and to local bodies as regards elementary education in some States

Certain forms of Technical Education are under the technical departments concerned and come within the purview of the Minister in Charge of those Departments

Institutions under private management are controlled by Government and by local bodies by recognition and by the payment of grants in aid, with the assistance of the inspecting staffs employed by Government and by local bodies

The following States have Boards of Intermediate Education and Secondary Education Ajmer Vindhya Pradesh Bhopal (same Board for all three), Uttar Pradesh Madhya Bharat

The following States have Boards of Secondary Education Bihar Bombay Madhya Pradesh Madras Uttar Pradesh West Bengal Hyderabad, Madhya Bharat Delhi Ajmer Vindhya Pradesh, Bhopal (same Board for last four)

UNIVERSITIES

The Central Universities are four Aligarh, Banaras Visva Bharati and Delhi

There were in all 30 universities in India in 1953 December The names of the universities with the names of the Vice Chancellors are given below —

1 *Agra University* —I t Col C V Mahajan M A
2 *Aligarh University* —Dr Zakir Husain Khan M A Ph D
3 *Allahabad University* —Dr A C Banerjee, M A M Sc I E S
4 *Andhra University* —Dr V S Krishna, B A (Oxon) Ph D (Vienna)
5 *Annamalai University* —C P Ramaswamy Iyer B A B I
6 *Banaras University* —Acharya Narendra Deva, M A D Litt LL B
7 *Baroda University* —Mrs Hansa Ben Mehta
8 *Bihar University* —Lt Col Shyamnandan Sahay B A M P
9 *Bombay University* —N J Wadia, B A (Bom) B A (Cantab)
10 *Calcutta University* —S N Banerjee, M Sc, I I B Bar at Law
11 *Delhi University* —Dr G S Mahajani M A, Ph D
12 *Gauhati University* —K K Handiqui M A (Calcutta & Oxon)
13 *Gujarat University* —H V Divatia
14 *Jammu & Kashmir University* —Janki Nath Wazir B A I I B, Bar at Law
15 *Karnatak University* —C C Hulkoti, B A, I I B
16 *Lucknow University* —Acharya Jugal Kishore
17 *Madras University* —Lt Col Diwan Bahadur Sir A Lakshmanaswami Mudaliar M D, I L D, D Sc, F R C O G
18 *Mysore University* —Dr B L Manjunath, B A M Sc (Lond), D Phil (Oxon)
19 *Nagpur University* —Lt Col Pandit K L Dubey B A LL B, M L A
20 *Osmania University* —Dr S Bhagwantam, M Sc (Hons) D Sc, F I A Sc
21 *Patna University* —Basudeva Narayana M Sc, M D (Cal), Ph D (Edin), F R S (Edin)
22 *Poona University* —Dr M R Jaykar, P C, M A D C I, L I D
23 *Punjab University* —Dewan Anand Kumar, M Sc, M A (Cantab) Bar at-Law
24 *Rajputana University* —G C Chatterjee, M A (Punjab) B A (Cantab)
25 *Roorkee University* —Vacant
26 *Sagar University* —Dr R P Tripathi, M A, D Sc (Lond)
27 *S N D T Indian Women's University* — K M Jhaveri M A, I I B J P
28 *Travancore University* —Sir A Ramaswamy Mudaliar, B A B L
29 *Utkal University* —Lt Col Dr P Misra, M Sc Ph D (Leeds)
30 *Visva Bharati University* —Rathinder Nath Tagore, B Sc (Illinois)

BASIC FACTS

The basic facts may be summarized as follows The latest year for which figures are available is 1950 51 (For details see tables)

Total no of institutions, 2 90,458 no of universities 30 research institutions 20 Boards of Secondary Education, 7 arts and science colleges 504 professional colleges, 213, special education colleges 99 secondary schools 20 981, primary schools, 210 112 pre primary schools 305 vocational and technical schools 2 162 special education schools 47,542, unrecognized institutions 8 485

Total enrollment 25 826 365 in universities 29 520 in research institutions 776, in arts and science colleges 304 324 in professional colleges 54 716 in special education colleges 7 598 in secondary schools 5,225 454 in primary schools 18 352 383 in pre primary schools 25 144 in vocational and technical schools 164 904, in special education schools, 1 255 208 in unrecognized institutions, 406 338

Total expenditure Rs in crores 113 43, direct expenditure 90 71, indirect expenditure 22 72

General policy may be summarized as follows

Provision of universal compulsory education for all children aged 6 11 within a period of 10 years the estimated expenditure during the first half of the period is Rs 220 crores

The system of education is what is called the Basic Education system centred on the teaching of a craft

Secondary education was the subject of an enquiry by a Commission and the report was published in August 1953

The key reports and resolutions on which primary and secondary education systems are planned are

Resolution of the Central Advisory Board of Education, 1935, Dec Wood Abbot Report Zakir Hussain Committee Report (Wardha Scheme or Basic Education Scheme) Reports of the Central Advisory Board (14) (1) Kher Committee Reports on Basic Education (2) Adult Education (3) The Physical Welfare of School children (4) School Buildings (5) Social Service (6) The Recruitment, Training and Conditions of Service of Teachers in Primary Middle and High Schools, (7) The Recruitment of Education Officers (8) Technical (including Commercial and Art) Education, (9) Text books, (10) Examinations (11) Educational Administration (12) Agricultural Education (13) Religious Education (14) Selection of Pupils for Higher Education and lastly Report on Post war Educational Development in India (Sargent Report)

University education has had a report published on it (see University Commission Report, 1949) There is now a University Grants Commission

Literacy campaign is now called Social Education In 1950 51, about 540,000 adults were made literate

In technical education the latest development is the setting up of an Indian Institute of Technology at Kharagpur

For 1952 53 India received 409 foreign scholarships or fellowships

FIVE-YEAR PLAN

The Planning Commission has made the following allotments for education

	Rs
Total for the five year period	155 66 crores
Administration	75 7 lakhs
Primary Education	8702 8 ,,
Secondary Education	830 4 ,,
University Education	1172 1 ,,
Technical and Vocational	2145 4 ,,
Social Education	1510 0 ,,
Other Schemes	684 1 ,,
Total expenditure by Central Ministry for five year period	39 02 crores
Expenditure, 1953 56	33 30 ,,
Total for university education	2 92 ,,
Total for scientific and technical	11 10 ,,
Total for Social Welfare	4 ,,
Total for Youth Camps and Labour Service	1 ,,
Total for pre university education	20 00 ,,
Total expenditure for five year period for States	116 65 ,,

The schemes envisaged in the Central Government programme are as follows —

1 Complete units of Basic Education (pre Basic to post Graduate Basic Training College) at least one unit in each State 2 Janata colleges for social education at least one in each State At least one school cum community centre in each State 3 At least one multilateral secondary school in each State Occupational schools for young people between the ages 14 18 Research Bureaux for study of problems of secondary education Merit scholarships to poor students for public schools 4 Production of audio visual aids to be encouraged by establishment of unit at Central Institute for Education and by assistance to firms and publishers 5 Production of model literature for children, Basic Education Social Education 6 Development of Indian and Federal languages Production of original work and translation Production of reference books dictionaries, and encyclopaedias 7 Pilot centres for juvenile delinquents and defectives 8 Provision of vocational guidance and organizing selective tests 9 Development of the Indian Institute of Science, Bangalore and of 14 engineering institutions facilities for study of special subjects (printing technology, silk technology, wool technology, architecture, town planning) 10 Help for libraries in universities (Rs 20 lakhs), and research training scholarship scheme (Rs 45 lakhs)

Schemes envisaged in the States programmes are as follows

1 Primary Education opening of new primary schools improvement of existing ones, conversion of primary into basic schools, opening of new basic schools 2 Secondary Education opening new secondary schools, improving existing ones, new subjects in the curriculum (physical education, military training gardening and agriculture, music, crafts), maintenance of model schools 3 University Education new universities and colleges, improvement of present ones 4 Social Education libraries, physical education, youth activities, audiovisual education, literacy and adult education centres 5 Technical and vocational Education New craft Schools, converting craft schools into junior Technical High Schools, Junior Polytechnics conversion of secondary schools into Technical High Schools, diploma courses, industrial schools, agricultural bias schools, upgrading of commercial and technical schools into colleges, stipends for studies abroad 6 Further education of ex-service personnel, development of regional languages and literature, education of handicapped, National Cadet Corps in colleges, improvement of special fields, such as oriental education, statistics

The targets to be reached at the end of the Five Year Plan are given by the following table

Year	Primary (ordinary)					Junior Basic					Secondary				
	No of institutions	Pupils		Teachers		No of institutions	Pupils		Teachers		No of institutions	Pupils		Teachers	
		Total number	% of girls	Total number	% of trained teachers		Total number	% of girls	Total number	% of trained teachers		Total number	% of girls	Total number	% of trained teachers
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1950-51	172 779	15 110,316	30	386 169	63	35 002	2 900 322	8	77 013	55 0	16 387	4 387 657	19	163,575	56
1955-56	202 141	18 788,750	32	460 324	66	42,533	5,276,278	13	111 983	70 3	19 262	5 779,395	16	206,856	62
Percentage of increase in 1955-56 over 1950-51	17	25	2		3	22	81	5	45	15	18	32	3	26	6

Year	Technical and Vocational (excl industrial schools)		Industrial Schools		Training of Teachers		
	No of institutions	No of trained during the year	No of institutions	No of trained during the year	No of Primary trained	No of Secondary trained	No of Basic trained
	(16)	(17)	(18)	(19)	(20)	(21)	(22)
1950 51	260	26 702	360	14 750	27 927	9 516	5,370
1955-56	407	43,603	456	21,797	32,212	14 666	14,045
Percentage of increase in 1955-56 over 1950 51	57	63	25	48	15	54	162

Note —Figures for Hyderabad, Kashmir Rajasthan, Ajmer and Vindhya Pradesh are not included unless otherwise specifically stated in any of the figures Other States excluded are mentioned under various heads

(1) Figures for U P are not included
(2) Figures for U P are not included
(3) Figures for Madhya Pradesh, Uttar Pradesh and Mysore are not included
(4) Figures for Madhya Pradesh, Uttar Pradesh and West Bengal are not included
(5) Figures for Madhya Pradesh Uttar Pradesh and West Bengal are not included
(6) Figures for Madhya Pradesh Travancore Cochin and Coorg are not included and those for Rajasthan are included
(7) Figures for Madhya Pradesh and Coorg are not included
(8) Figures for Madhya Pradesh, Madras, Madhya Bharat, Mysore, Saurashtra, Travancore Cochin Bhopal Coorg Himachal Pradesh, Kutch and Tripura are not included
(9) Figures for Madhya Pradesh and Coorg are not included
(10) Figures for Madhya Pradesh and Coorg are not included
(11) Figures for Rajasthan included
(12) Figures for Madhya Pradesh Mysore and Manipur are not included
(13) Figures for Madhya Pradesh are not included
(14) Figures for Madhya Pradesh are not included
(15) Figures for Orissa PEPSU Himachal Pradesh Coorg Manipur and Tripura are not included Figures for Hyderabad are included
(16) Figures for Orissa PEPSU Coorg Manipur and Tripura are not included Those for Hyderabad are included
(17) Figures for Bihar, Saurashtra and Part C States are not included Those for Rajasthan and Hyderabad are included
(18) Figures for Bihar, Saurashtra and Part C States are not included Those for Hyderabad are included
(19) Figures for Travancore Cochin, Bilaspur Coorg and Tripura are not included
(20) Figures for Coorg Delhi, Kutch and Tripura are not included
(21) Figures for Uttar Pradesh, Travancore Cochin, Coorg, Kutch, Manipur and Tripura are not included

1953 54 ALLOTMENTS

For Five Year Plan– Rs 2 crores

Scholarships for Scheduled Castes Tribes and Backward classes – Rs 30 lakhs

All India Council for Technical Education—Rs 1 05 000

Post Institutional Practical Training—Rs 9 lakhs

Research training scholarships—Rs 8 lakhs

Grants to Universities for development of scientific and technical education—Rs 88 lakhs

Strengthening Engineering and Technological Institutions—Rs 44 20 lakhs

Indian Institute of Science—Rs 31 35 lakhs

Cultural Relations with foreign countries—Rs 2 lakhs

Cultural Relations at instance of External Affairs Department—Rs 4 96 lakhs

Basic and Social Education—Rs 2 crores

Secondary Education Commission– Rs 40 000

Experimental Education and Cultural Activities Rs 2 5 lakhs

Grant in Aid to Public Schools – Rs 2 lakhs

Constituent Colleges of Delhi University—Rs 13 lakhs

Physical Education and Youth Welfare—Rs 5 lakhs

Sangeet Natak Akadami –Rs 2 5 lakhs

Sahitya Akadami—Rs 1 5 lakhs

Academy of Arts –Rs 1 lakh

National Art Gallery—Rs 1 25 lakhs

Academy of Hindustani Music Rs 50 000

Academy of Karnatak Music– Rs 40 000

Training Centre for the Adult Blind Dehra Dun —Rs 2 65 lakhs

Benares Hindu University –Rs 23 20 lakhs

Aligarh Muslim University Rs 12 50 lakhs

Delhi University –Rs 11 60 lakhs

Visva Bharati University Rs 4 5 lakhs

Special Development Grants to Central Universities—Rs 20 03 lakhs

Five Year Development Plan of Universities—Rs 25 lakhs

University Grants Commission—Rs 1 lakh

Akra University Silver Jubilee—Rs 2 lakhs

Indian Women's University Rs 75 000

Jamia Millia Islamia– Rs 2 08 lakhs

Propagation of Hindi—Rs 2 5 lakhs

Overseas Scholarships Scheme—Rs 2 60 525

Indo German Industrial Co operative Scheme—Rs 3,31,300

Scholarships to Scheduled Castes Tribes, etc for post matric education Rs 40 lakhs

Scholarships to students from Asia—Rs 1 5 lakhs (100 scholarships)

U N Fellowships and Scholarships Programme—Rs 1 5 lakhs

Indian Council of Cultural Co operation—Rs 3 lakhs

UNESCO—Rs 17 lakhs

Model School for Blind Children, Dehra Dun—Rs 1 lakh

Buildings for Indian Institute of Technology—Rs 49 84 lakhs

ASSOCIATED BODIES

CENTRAL ADVISORY BOARD OF EDUCATION

Maulana Abul Kalam Azad (*Chairman*) S S Bhatnagar N K Sidhanta Smt Hansa Mehta Dr M S Thacker Dr Zakir Husain Smt Hannah Sen Mrs Zarina Currimbhoy Dr Mata Prasad Major General I Habibullah I W Aryanayakam Smt Ammu Swaminadhan Mr Justice Teja Singh Dr H J Bhabha Dr Amaranatha Jha Pandit Sundar Lal K Zachariah Shrimati Mona Hensman M P Ram Chandra Gupta M P I Madiah Gowda M P Venkatesh Narain Tiwary M P, Dr A I Mudaliar Dr S R Sen Gupta Dr P S Deshmukh M P Dr B P Pal Education Ministers of Ajmer Assam Bihar Phopal Bombay, Delhi Himachal Pradesh Hyderabad Jammu & Kashmir Madhya Bharat Madhya Pradesh Madras Mysore Orissa Punjab Rajasthan Saurashtra Travancore Cochin Uttar Pradesh Vindhya Pradesh West Bengal, Coorg K G Saiyidain (*Secretary*)

PANEL ON EDUCATION

Smt Hannah Sen Mrs Zarina Currimbhoy Dr Amarnath Jha Dr Zakir Hussain Dr P S Deshmukh M P J C Mathur D C Pavate, Dr V S Jha K N Unnithan C L Kapur I W Aryanayakam Smt Indumati Chunilal, Humayun Kabir K G Saiyidain

INDIAN NATIONAL COMMISSION

For implementing UNESCO programmes in India It has three sub Commissions Education and Social Sciences Sub Commission Science Sub Commission Culture and Mass Communication Sub Commission

INDIAN COUNCIL OF CULTURAL RELATIONS

For promoting cultural relations with foreign countries

ALL INDIA COUNCIL OF TECHNICAL EDUCATION

Of the following bodies only the first was formally set up at the time of writing (Oct 1953)

SANGEET NATAKA AKADAMI

9, Queensway Line, New Delhi

Secretary Nirmala Joshi

AKADAMI

ACADEMY OF ARTS

ACADEMY OF HINDUSTANI MUSIC

ACADEMY OF KARNATAK MUSIC

The following institutions are conducted under the direct auspices of the Ministry of Education

Central Secretariat Library Central Educational Library Indian Museum (Calcutta), National Museum (New Delhi) Film Library Central Institute of Education Delhi Polytechnic Indian Institute of Technology (Kharagpur) National Library (Calcutta) Training Centre for the Adult Blind (Dehra Dun) Central Braille Printing Press (Dehra Dun)

Some publications of the Ministry *The Educational Quarterly* (periodical) *The Central Bureau of Education Teachers Handbook of Social Education Writing Books for Adults Education of Girls and Women in India A Review of Education in India 1951 52*

VARSITY GRANTS COMMISSION

A six man interim Commission has been set up

Dr S S Bhatnagar (*Chairman*) Dr A Lakshmanaswamy Mudaliar Mr N I Wadia Acharya Narendra Deva A representative of Finance Ministry (K R K Menon) A representative of Education Ministry (K G Saiyidain)

UNIVERSITY COMMISSION REPORT

The Indian University Education Commission was appointed by a resolution of the Government of India dated 4th November 1948 It started on its work in December 1948 and presented its report in August 1949

The following were the members of the Commission Dr S Radhakrishnan (Chairman), Dr Tara Chand Sir James Duff (Vice Chancellor Durham University) Dr Zakir Hussain Dr Arthur E Morgan (Former President Antioch College U S A) Dr A Lakshmanaswami Mudaliar Dr Meghnad Saha Dr K Narayan Bahl Dr John J Tigert (formerly Commissioner of Education U S A) Nirmal Kumar Sidhanta (*Secretary*)

The report is signed by all the members In general the Commission is opposed to the multiplication of Universities on a regional basis It favours the establishment of rural universities It recommends the setting up of a University Grants Commission It emphasizes the importance of religious instruction and recommends the use of the regional language as the medium of instruction at the University stage except at the Central Universities like Benares and Delhi where the medium of instruction should be the Federal language

The following are among the more important recommendations in detail

There should be four classes of teachers Professors Readers, Lecturers and Instructors The scales of salaries for University teachers should be —

Professors	Rs 900 50 1,350
Readers	,, 600 30 900
Lecturers	,, 300 25 600
Instructors or Fellows	,, 250
Research Fellows	,, 250 25 500

The scales of salaries for affiliated colleges with no Post graduate classes should be —

Lecturers	Rs 200 15 320 20 400
Senior posts	,, 400 25 600 (two in each college)
Principals	,, 600 40 800

For colleges which have Post graduate classes, the grades should be —

Lecturers	Rs 200 15 320 20 400 25 500
Senior posts	,, 500 25 800 (two in each college)
Principals	,, 800 40 1,000

The standard of admission to the university courses should correspond to that of the present intermediate examination *i e* after the completion of 12 years of study at a school and an intermediate college

In each State a large number of well equipped and well staffed intermediate colleges (with classes IX to XII or VI to XII) should be established

To avoid overcrowding at universities and colleges the maximum number in the Arts and Science faculties of a teaching university should be fixed at 3,000 and in an affiliated college at 1,500

The number of working days should be substantially increased to ensure a minimum of 180 in the year exclusive of examination days with three terms each of about 11 weeks duration

All educational institutions should start work with a few minutes for silent meditation

In the first year of the Degree course lives of the great religious leaders like Gautama the Buddha Confucius Zoroaster Socrates Jesus, Sankara Ramanuja Madhwa Mohammad Kabir Nanak Gandhi should be taught In the second year some selections of a universalist character from the scriptures of the world should be studied In the third year the central problems of the philosophy of religion should be considered

MEDIUM OF INSTRUCTION

International technical and scientific terminology should be adopted the borrowed words properly assimilated their pronunciation adapted to the phonetic system of the Indian language and their spelling fixed in accordance with the sound symbols of Indian scripts

Pupils at the Higher Secondary and University stages should be made conversant with three languages the Regional language, the Federal language and English (the last one in order to acquire the ability to read books in English)

Higher education should be imparted through the instrumentality of the regional language with the option to use the Federal language

For the Federal language one script Devanagari should be employed and some of its defects removed A Board consisting of scientists and linguists should be appointed to prepare a scientific vocabulary of words which will be common to all Indian languages and also to arrange for the preparation of books in different sciences to be rendered into all Indian languages

Provincial Governments should be required to take steps to introduce the teaching of the Federal language in all classes of Higher Secondary Schools, in Degree Colleges and in Universities

English should be studied in High Schools and in the Universities in order that Indians may keep in touch with the living stream of evergrowing knowledge

EXAMINATIONS

A battery of psychological and achievement tests should be developed for use with higher secondary school students for the final test at the end of twelve years of schooling This will together with other relevant information serve the purpose of an admission examination to the first degree course at the university The American Council on Education Co operative Psychological and General Achievement Tests would serve as a model from which to build a satisfactory basis of selection of Indian students

A set of objective progress tests for guidance and for evaluating class room progress should also be developed immediately

For purposes of admission to college and university the tests should be accompanied with much additional information and interviews with students when conditions make this possible

A university degree should not be required for Government administrative services Special state examinations for recruitment to the various services should be organised and should be open to whosoever cares to take them

Credit should be given for classwork It will be conducive to efficiency both in teaching and learning

One third of the marks allotted to each subject should be reserved for work done during the course of instruction and that this should be adopted forthwith at the teaching universities for the B A and B Sc M A and M Sc examinations The affiliating universities should also take immediate steps to evolve a method of more or less uniform marking for this internal award at the affiliated colleges

A candidate should get 70 per cent or more marks to secure a first class 55 to 69 per cent for a second and at least 40 per cent for a third The students should be arranged in alphabetical order in each of the three classes

Viva Voce examinations should be employed only for post graduate and professional degrees

PHYSICAL EDUCATION

All students both men and women should be required to take at no cost to themselves a thorough physical examination at admission and periodically thereafter at least once a year

All universities with or without medical colleges must have hospitals and dispensaries for student service

A nutritious meal should be furnished at noon at reasonable cost

All students should be required to be vaccinated against smallpox and inoculated against cholera, typhoid and plague

A post graduate degree course leading to a doctorate should be set up at one university in each State where Directors of Physical Education may be trained

Each university and college remote from a university centre should have a Director of Physical Education with the status pay and training comparable to heads of other departments

Two years of physical education should be required for all students men and women except those who are physically unfit or who are in the *National Cadet Corps*

The Centre should take over from the States the responsibility for the administration of the National Cadet Corps

There should be manœuvres in the summer in which Army and Air Units work together Naval Units should take cruises in the summer

CONSTITUTION

University education should be placed on the concurrent list

The concern of the Central Government with the universities should be with regard to finance and the co ordination of facilities in special subjects

For allocating grants to universities a Central Grants Commission should be established There should be no university of the purely affiliating type Government colleges should be gradually transformed into constituent colleges of the university

The number of colleges affiliated to a university should be limited

The aim of an affiliated college should be to develop into a unitary university and later into a federative one

The Vice Chancellor should be a whole time officer

A Grants Allocation Committee should be constituted for States with universities of the teaching and affiliating type

The State should recognise its responsibility for the financing of higher education

The aid to private colleges should be for buildings and equipment as also for the recurring expenditure the latter to be on a uniform basis say half of the present teachers salaries and a third of other approved expenditure

The Government should contribute an additional annual amount of about ten crores for the development of university education during the next quinquennium

The All India character of the Banares and Delhi Universities should be maintained in all Colleges

As a Central University Delhi should offer facilities for work to students from all over India

The medium of instruction in the Banares and Delhi Universities should be the Federal language and that during the six years which will elapse before students from other areas can master the Federal language instruction should be given both in the Federal language and in English

In regard to co education, the Commission s recommendation is that in the secondary stages there should be separation and in the basic and collegiate stages co education

The Commission has also recommended that where the mother tongue is not the same as the Federal language the Federal language is to be studied from the first form If the mother tongue and the federal language are identical, students would be required to take any other Indian classical or modern language If Hindi happens to be the mother tongue of a student, the student would be required to study some other Indian language

There must be no attempt at hasty displacement of English as a medium of instruction for academic standards Indian languages have to grow and must become proper media for communication To displace English by a State or the Federal language may result in deterioration of standards Therefore, while State Governments should make their languages more potent as early as possible no time-limit should be prescribed Languages will have to grow and there cannot be a time limit During the transition English will remain

The Commission is of the opinion that English should be taught from the third form (three years before matric) for those who desire to enter the University

In the inter State border areas where the regional language may be different from that of the mother tongue of a student the medium of instruction must be the mother tongue up to a particular stage and students would be asked to study the Federal language as well

SECONDARY EDUCATION COMMISSION

This Commission was appointed by a Government of India resolution dated Sept 23, 1952 and started its work on Oct 6 1952 It presented the report on Aug 29 1953

The Commission consisted of the following Dr A Lakshmanaswami Mudaliar (Chairman) Principal John Christie (of Jesus College, Oxford), Dr Kenneth Rast Williams (Associate Director, Southern Regional Education Board, Atlanta, U S A), Mrs Hansa Mehta (Vice Chancellor, Baroda University) J A Taraporevala (Director of Technical Education Government of Bombay), Dr K L Shrimali (Principal, Vidya Bhavan Teachers Training College, Udaipur), M T Vyas (Principal New Era School Bombay), K G Saiyidain (Jt Secy to the Government of India, Ministry of Education), Principal A N Basu (Central Institute of Education, Delhi, member secretary)

In individual States the Government selected a person who was co opted as a member during the Commission s work in that State

RECOMMENDATIONS

The secondary stage should comprise a period of seven years The second half should be a higher secondary stage of four years duration with the first year of the Intermediate included in it

Multi purpose schools should be established wherever possible There should be special facilities for agricultural education in rural schools Technical schools should be started in large numbers near enough to industries

Public schools should continue to exist and after the next five years should be self supporting There should be some free studentships given by Government in these schools

The mother tongue or the regional language should generally be the medium of instruction throughout the secondary stage subject to the provision that for linguistic minorities special facilities should be made available

During the middle school stage every child should be taught at least two languages English and Hindi should be introduced at the end of the junior basic stage subject to the principle that no two languages should be introduced in the same year At the higher secondary stage at least two languages should be studied, one of these being the mother tongue or the regional language

At the middle school the curriculum should include languages social studies, general science, mathematics, art and music, craft, physical education

At the higher secondary stage there should be diversified courses but with a common core languages, general science, social studies, craft The diversified courses should include humanities, sciences, technical subjects, commercial subjects, agricultural subjects, fine arts and home sciences The diversified curriculum should begin in the second year of the higher stage

An independent Text Book Committee should be constituted This Committee should lay down criteria for the type of paper, illustration, printing and format of the book

Single text books should not be prescribed for any subject but a reasonable number leaving the choice to the schools In the case of languages, however definite text books should be prescribed Frequent changes in text-books should be discouraged

The Activity Method and Project Method should be assimilated in school practice

All public libraries should have a special section for children and adolescents

To promote discipline there should be personal contact between teachers and pupil self government in the form of house system and student councils which will draw up a code of conduct and enforce it should be introduced in all schools

Religious instruction may be given only on a voluntary basis outside the regular school hours It should be confined to the children of the particular faith and given with the consent of the parents and the management

Every teacher should devote some time to extra curricular activities

The N C C should be brought under the Central Government Training in First Aid St John s Ambulance and Junior Red Cross work should be encouraged

The services of Guidance Officers and Career Masters should be made available

A properly organized school medical service should be built up

The school should assist in the maintenance of the sanitation of the area

All teachers below the age of 40 should participate in the physical activities of the students

The number of external examinations should be reduced and the element of subjectivity in the essay type tests should be minimized by introducing objective tests and by changing the type of question

In the final assessment of the pupils due credit should be given to the internal tests and the school records of the pupils

The system of symbolic rather than numerical marking should be adopted

There should be only one public examination at the completion of the secondary school course

The certificate should contain besides the result of the public examination, the results of the school tests in subjects not included in the public examination as well as the gist of the school records

The system of compartmental examinations should be introduced at the final public examination

ORGANIZATION

There should be Selection Committees for recruiting staff The probation for a trained teacher should be one year Teachers in high schools should be graduates with a degree in education

The system of triple benefit schemes pension cum provident fund cum insurance should be introduced for teachers Arbitration Boards or Committees should be established to consider the grievances or of matters relating to suspension, dismissal, etc The age of retirement may extend to 60 with the approval of the Director of Education

The children of teachers should have free education The teachers should be given free medical attention and treatment The practice of private tuition by teachers should be abolished

There should be only two types of training institutions, for holders of S S C (two years) and for graduates (one year to start with, later for two years) The first type should be under the control of a Board and the second attached to a university

At these institutions teachers should be trained in at least one extra curricular activity The training college should conduct research in various aspects of pedagogy

No fees should be charged in training schools The student teachers should be given a stipend The teachers already in service should get the same salary as they were getting

To meet the shortage of women teachers special part time training course should be provided

There should be a Board of Secondary Education in every State with the Director as Chairman to lay down general policies A Sub Committee of the Board should deal with the conduct of examinations There should be State Advisory Bodies on the model of the Central Advisory Board to advise the Department of Education

Special Inspectors should be appointed to inspect the teaching of special subjects like Domestic Science, Art, Music

In order to evaluate the academic side of the activities of a school there should be a panel of experts with the Inspector to go round

The Managing Boards of schools should be registered The head master should be an ex officio member Every management should draw up definite rules of service for teachers

For proper running every management should be required to provide an endowment and the income accruing from this should be shown among the receipts The scales of fees fixed should be approved by the Department of Education All accounts of the school should be subject to audit by the Department

The number of sections in each class should be limited, and before any increase in the number is made the prior approval of the Department should be obtained

There should be rules to prevent undue competition among schools

Managements should obtain the prior approval of the Department before opening a school

In designing buildings there should be allowed an area of not less than 10 sq ft per student in the class rooms The optimum number of boys in a class should be 30, and the number should not in any case exceed 40 The optimum number in the whole school should be 500, while the maximum should not exceed 750

Co operative stores should be established in all schools so that books, stationery, etc may be made available to students at cost price

As a rule the total number of working days should not be less than 200, the working hours per week should be at least 35 periods of about 45 minutes each The school should work regularly for six days in the week, one of the days being a half day on which students and teachers meet informally and work on various extra curricular and social projects

School holidays need not be identical with public holidays Normally during the year there should be a summer vacation of two months, and two breaks of ten to fifteen days at suitable periods during the year

A Board of Vocational Education should be constituted at the Centre

A cess called industrial education cess should be levied to promote vocational education A certain proportion of the net revenue of certain nationalized industries (railways, *e g*) should be set aside for the same purpose Surplus funds from religious and charitable endowments should be diverted to educational purposes

The Centre should assume a certain amount of direct responsibility for the contemplated reorganization and give financial aid

ALL-INDIA COUNCIL FOR TECHNICAL EDUCATION

THE All India Council for Technical Education was constituted in 1946 with representatives of the various interests connected with technical education and training, to advise the Government on the development of technical education above the high school stage with the late Nalini Ranjan Sarker as the Chairman

The Council does not, however, have any executive, administrative or controlling power

By sending out questionnaires to various institutions, Universities and State Governments, the Council first made an exhaustive survey of technical education facilities in the country

The result of this survey was published in the form of a hand book, which is now under revision

While the post war plans formulated by the various State Governments specially devoted themselves to the development of Government institutions, the Council took up the question of improving and strengthening non Government institutions as well Thus the Co ordinating Committee of the Council at its very first meeting appointed Visiting Committees to visit 15 selected institutions throughout the country and report on the lines along which improvement and development were necessary

The scheme, known as the All India Council for Technical Education Scheme for strengthening and improvement of existing non Government institutions, has resulted in the raising of standards in those institutions apart from providing additional equipment and facilities for an increased number of students

The Scheme was approved by the Government and put into operation in 1947 48

The following aggregate expenditure were approved for this purpose

1	Non recurring grants for construction of buildings	Rs 54 96 Lakhs
2	Non recurring grants for purchase of equipment	Rs 107 26 Lakhs
	Total	Rs 162 22 Lakhs
3	Ultimate recurring grants	Rs 25 45 Lakhs
4	Interest free loan grants	Rs 37 67 Lakhs
	Grand Total	Rs 225 34 Lakhs

The building programme under the Scheme is almost complete, and a substantial part of the equipment programme has also been gone through

The Planning Commission has made a provision of Rs 3 55 crores for carrying out an all round development of technical education and research in the country in the following courses

1 Post graduate courses Advanced work and research

2 Under graduate courses (Degree and Diploma) full time

(*a*) Basic engineering and technological subjects

(*b*) Special subjects—Printing technology, Silk technology, Woollen Textile technology, etc

(*c*) Architecture and Town Planning

3 Part time courses

4 Teachers Training

5 Loans for construction of Hostels

The Sarker Committee appointed to consider the development of higher technical institutions in India suggested the establishment of four Higher Technical Institutions on Regional Basis The All India Council for Technical Education recommended that two of these should be set up during the quinquennium 1946 51, but there was some delay in implementation

However the first institution, *viz* the Eastern Higher Technical Institute designated the Indian Institute of Technology, Kharagpur was formally declared open by the Central Minister for Education in August 1950 The foundation stone of the main college building was laid in March 1952 by the Prime Minister

The Council appointed a Technical Man power Committee in 1951 under the Chairmanship of Mr G L Mehta to assess the country s requirements for technical man power over the next five years

The Council has also given a lead on the question of salary scales for teachers of various grades in the technological institutions

At the first meeting of the Council it was decided to set up four Regional Committees, one for each region—the Eastern, the Western, the Southern and the Northern

Government has already set up two offices, one in Calcutta and the other in Bombay with Regional Officers to do the preliminary work in regard to the setting up of Committees in the Eastern and the Western Regions

The Regional Committees have been formed and are charged with the function of examining the question of improvement of the existing under graduate institutions in consultation with the State Governments and preparing a plan about how the required development could be brought about

The Regional Committees are also to foster close liaison between technical institutions and the industry to their mutual advantage

The Council hopes to secure paid, well supervised practical training facilities for a majority of graduates and diplomates in engineering and technology

As regards the laying down of standards, the Council at its first meeting held in 1946 constituted six Boards of Studies in Engineering and Metallurgy, Chemical Engineering and Chemical Technology, Textile Technology, Architecture, Applied Arts, Commerce and Business Administration

To these Boards were assigned the task of examining the existing regulations and syllabuses for technical training and to draw up all India schemes for the award of diplomas and certificates by the Council Directives were also given to the Board by the Council regarding the standards for the national diploma and the national certificate courses and also generally with regard to the nature of the courses

At the instance of the Council, a Joint Committee of the Inter University Board and the Council has been set up to review the standards of education in the Universities and this Committee, after taking into account the courses drawn up by the Boards of Studies of the Council as also by the various Universities, has formulated a scheme of training in engineering and technology

According to the scheme formulated by the Co ordinating Committee the All India Council has a number of responsibilities such as the co ordination and ensuring of standards in various technical institutions recognition of technical institutions conducting or recognising examinations for the purpose of conferment of awards making arrangements for teaching of technical and allied subjects and for research in these subjects

MEMBERS

Chairman, Maulana Abul Kalam Azad, Minister for Education

Secretary G K Chandramani, Dy Educational Adviser

Representatives of Govt of India

Dr S S Bhatnagar (Ministry of Education), Brigadier Reeve (Ministry of Defence) L U Damodaran (Ministry of Labour) Dr H J Bhabha (Ministry of Natural Resources and Scientific Research), V T Krishnamachari (Planning Commission), S Boothalingam (Ministry of Commerce and Industry) Representative of the Ministry of Finance

House of People

C P Mathew, Shyamanandan Sahaya

Council of States

Osman Sabhani

Nominees of Govt of India

Dr S R Sen Gupta, Fazal I Rahimtoola

State Governments [A]

O K Das (Government of Assam), D L Deshpande (Government of Bihar), J A Taraporevala (Government of Bombay) Dr S P Chakravarty (Govt of Madhya Pradesh), Dr M V Krishnarao* (Government of Madras), Dr H B Mohanti (Government of Orissa), Rauf Jafri (Government of U P), Dr D M Sen (Government of West Bengal), Director of Industries, Punjab (Government of Punjab)

State Governments [B]

V G Mohan Rai (Government of Hyderabad), Dr Bool Chand (Govt of Madhya Bharat), A G Ramchander Rao (Government of Mysore), V G Garde (Government of Rajasthan), A Kazmi (Govt of Jammu & Kashmir), S Ranbir Singh (Government of PEPSU), M V Parekh (Government of Saurashtra), Dr A Ramaswamy Mudaliar (Government of Travancore Cochin)

Industry and Commerce

Pran Lal Patel, J K Srivastava (All India Organisation of Industrial Employers), Dr K V Venkataraman G Y Mangrulkar (Employers Federation of India), Dr D N Sen, M P Gandhi (Federation of Indian Chambers of Commerce), J A Murray, T J May (Associated Chambers of Commerce, India)

Labour

S Guruswamy (All India Railwaymens Federation) Nur Mohd Shiek (Indian National Trade Union Congress), K P Shankaralingam (All India Trade Union Congress), J N Mitra (Hind Mazdoor Sabha)

Association of Principals of Technical Institutions

Dr J C Ghosh

Professional Bodies

Dr T Sen (Institution of Engineers), C M Master (Indian Institute of Architects) Dr Zakir Hussein (Central Advisory Board of Education) Dr A L Mudaliar (Inter University Board of India)

* Now in Andhra

INSTITUTIONS FOR DIPLOMA OR CERTIFICATE IN ENGINEERING AND TECHNOLOGY

ANDHRA

Government Ceramic School Gudur
Off Technological Institute, Anantapur
Andhra Polytechnic Kakinada

ASSAM

Assam Civil Engineering School Gauhati
H R H Prince of Wales Technical School Jorhat

BIHAR

Jamshedpur Technical Institute Jamshedpur
Tirhut School of Engineering Muzaffarpur

BOMBAY

D E Society's Technical Institute Poona
Government Leather Working School Bombay
Government Tanning Institute Bombay
M H Saboo Siddik Institution Bombay
R C Technical Institute Ahmedabad
Sir J J School of Arts, Bombay
St Xavier's Technical Institute Bombay
Sir Cusrow Wadia Institute of Electrical Technology Poona
S M Tarukh Parsi Polytechnic Surat
Training Ship, Dufferin, Bombay

HYDERABAD

Osmania Technical College Hyderabad (Dn)
School of Art Hyderabad (Dn)

MADHYA BHARAT

Central Technical Institute, Gwalior

MADHYA PRADESH

Government Engineering School, Nagpur

MADRAS

Arthur Hope Polytechnic, Coimbatore
Central Polytechnic Madras
C N Technical & Industrial Institute, Vepery, Madras
Institute of Leather Technology, Madras
Karnatak Polytechnic Mangalore
Kerala Polytechnic Kozhikode
Ramakrishna Mission Technical Institute Madras
Tamilnad Polytechnic Madurai
Vincents Technical Institute Tiruchirapally
Vuyyuru Polytechnic Vuyyuru
V S Rajagopalan's Radio Institute Madras

MYSORE

D R R Occupational Institute Davangere
Occupational Institute Chintamani
Silver Jubilee Technical School Bhadravati
School of Engineering Bangalore
S I V Occupational Institute Hassan
Sri J M Occupational Institute Bangalore
Rayalaseema Polytechnic Bellary

ORISSA

Orissa School of Engineering Cuttack

PEPSU

Shri Vishwakarma Polytechnic Phagwara

PUNJAB

Engineering College Ludhiana
Government Institute of Dyeing & Calico Printing Ludhiana
Government School of Engineering Nilokheri
Government Tanning Institute Jullundur
Government Technical Institute Ambala
National Institute of Engineering Hoshiarpur
Punjab Institute of Textile Technology, Amritsar
Polytechnic, Nilokheri

SAURASHTRA

Shri A V Parikh Technical Institute Rajkot
Sir Bhavsinhji Polytechnic Bhavnagar

TRAVANCORE COCHIN

Maharaja's College Ernakulam

UTTAR PRADESH

Civil Engineering School Lucknow
Draftsman School Roorkee
Government Central Textile Institute, Kanpur,
Government Central Weaving Institute Panitras
Government Technical Institute Ghazipur
Government Technical Institute, Gorakhpur
Government Technical Institute Lucknow
Hewett Engineering School Lucknow
I D Technical Institute Bhajoi
Overseer's School Roorkee
Prem Mahavidyalaya Engineering College, Mathura
Technical College, Dayalbagh

WEST BENGAL

Bengal Ceramic Institute Calcutta
Bengal Textile Institute Serampore
Berhampore Textile Institute Berhampore
Calcutta Technical School Calcutta
Hooghly Institute of Technology Hooghly
Jalpaiguri Polytechnic Jalpaiguri
Institute of Jute Technology Calcutta
K C Engineering Institute Vishnupur
Marine Engineering Training Centre Calcutta
M B C Institute of Engineering & Technology, Burdwan

EDUCATIONAL STATISTICS

SUMMARY OF EDUCATIONAL INSTITUTIONS—NUMBER & ENROLMENT 1950-51*

Type of Institution	Number of Institutions	Enrolment
I RECOGNISED—		
Universities	28	29 520
Research Institutions	20	776
Boards of Secondary Education	7	
Arts & Science Colleges	504	3,04 324
Professional Colleges	213	54,716
Special Education Colleges	99	7 598
Secondary Schools	20 981	5 225,454
Primary Schools	210 112	18,3 2 383
Pre Primary Schools	305	25,144
Vocational & Technical Schools	2,162	164,904
Special Education Schools	47,542	1,255,208
Total (Recognised)	281,973	25 420,027
II UNRECOGNISED	8 485	406,338
Grand Total	290,458	25 826 365

* *Figures are provisional*

SUMMARY OF EXPENDITURE* ON RECOGNISED INSTITUTIONS IN INDIA 1950-51

DIRECT EXPENDITURE	Rs in crores
Universities	4 73
Research Institutions	0 62
Boards of Secondary and/or Intermediate Education	0 51
Arts and Science Colleges	6 67
Professional Colleges	4 19
Special Education Colleges	0 22
Secondary Schools	30 39
Primary Schools	36 71
Pre Primary Schools	0 44
Vocational and Technical Schools	3 88
Special Education Schools	2 35
TOTAL	90 71
INDIRECT EXPENDITURE	22 72
GRAND TOTAL	113 43

* Figures are provisional and exclude those relating to universities and collegiate education in Hyderabad and Jammu and Kashmir

EXPENDITURE ON EDUCATION BY SOURCES, 1950 51

State	Expenditure met from				
	Government Funds	Local Board Funds	Fees	Endowments	Total Expenditure
	Rs	Rs	Rs	Rs	Rs
Assam	1,33,82,896	20,40,807	50,49,789	24,17,111	2,28,90,603
West Bengal	4,97,80,017	96,06,860	3,67,93,317	1 39 86,1 8	11 01 75 352
Bihar	2 64,14 871	1,97,01,786	1,67 69 952	69,01 709	6 97,88,318
Bombay	12,79,63,720	1 89,07,066	4,8 ,87,097	2,09,32 547	21,63 90 430
Madhya Pradesh	3,15 59,346	1,00,80,107	71 07 034	44 04 5 0	5 31 1,037
Madras	12 13,89 831	3 36 46 999	3 59,83 604	2,81,58 091	21,91,78,525
Orissa	1,58,76,430	10,28,713	27 42 885	29,38,240	2 2 86 268
Punjab	2 22 07,621	60,32 614	1 45,36 222	64,73,604	4 92 50,121
U P	7 46 6 174	1,8 ,36 569	3,92 85 386	3 06 59,643	16 31,46,772
Hyderabad*	3 8,45 064	3,99,134	16,96,020	26 24,781	4,05,64,999
Jammu and Kashmir†	36 31 947		56 474		36 88 421
Madhya Bharat	1 32 78,141	1 060	6 94,327	5 85 065	1 45 58,593
Mysore	2 46,86,288	5 37,226	38,40,641	20 79 365	3,11,13,520
PEPSU	5 ,40,958		14,24,242	2 74,348	72 39 548
Rajasthan‡	1,88,99,892		5,97,095	28,05,581	2,23,02,568
Saurashtra	1 07,68,221		8,62,232	5,81 642	1 22,12,095
Travancore Cochin	2,22,69,300		85,21,415	30,87,279	3,38 77,994
Ajmer	40,28,926	2,36,816	10,71,269	4,17,973	57,54,984
Andaman and Nicobar Islands	1 31,522		5 298		1,36 820
Bhopal	11 24,419		88,416	30 717	12,43,552
Bilaspur	1,45,077		1,710		1,46,787
Coorg	9 02,791	61 904	2,16,074	93,478	12,74,247
Delhi	1,34,29,257	39,07,411	47,27,025	25,16,574	2,45,80,267
Himachal Pradesh	17,08 370	52,215	1,02,410	25 461	18 88 456
Kutch	6 40 968		72,804	2 15 952	9 29,724
Manipur	4 63,273		2,75,385	4 88,172	12,26,830
Tripura	8,89,525		96,884	57,767	10,44 176
Vindhya Pradesh	39,29,910		3,981	40 078	39 73 969
Total	64,5 ,62,755	12,47,77,287	23,12,08,988	13,27,95,946	1,13,43,44,976

* Excludes expenditure on Universities and Collegiate education

† Relates to expenditure on Govt Institutions and grant in aid paid

‡ Figures relate to the year 1949 50

PROGRESS OF COMPULSORY EDUCATION IN INDIA, 1950-51

State	Age Group (s) of Children under compulsion		Number of Areas under compulsion		No of Institutions where compulsion was in force		Total Estimated Population of the Children of School going Age in Areas under compulsion			Number of students on Rolls under compulsion				
										Urban		Rural		Total
	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Total	Boys	Girls	Boys	Girls	
Assam	6 11	6 11	10	1,293	123	2,403	17 363	206,176	223,539	9,649	6,443	102,479	64 261	182,832
W Bengal	6 10	6 11	1*	42	39	291	3,570	40 126	43,696	3,432		24,804	8,454	36,690
Bihar	6 10	6 10	17	19	587	6	65,384	500	65,884	50,965		373		51 338
Bombay	6-11	6 11	155	6,807	2,924	11,568	687,426	1,469 702	2,157,128	334,562	243,607	686,730	507,419	1,772,318
Madhya Pradesh	6 11 & 7 14	6 11 & 7 12	34†	1,199	237	371	50,967	53 799	1,04,766	42,402		38,769	186	81,357
Madras	6 12	6 14	81	1,843	1,686	5,866	386,605	1,145,994	1,532,599	203,633	102,997	473,241	295 379	1,075,250
Orissa	6 10	6 10	1	24	14	9	824	782	1,606	665	255	749		1,669
Punjab	6 11	6 11	35	3,481	132	1,486	56,555	182 655	239,210	43,276		118,848		162,124
U P	6 11	6 11	89	776	1,697	546	362,789	85 392	448,181	295 451	11 428	52,078	382	359,339
Delhi	6 12	6 11	1‡	302	59	304	28,157	156,463	184,620	11,780	10,768	62,852	30,901	116 301
Mysore	6 11	6 11	11	2,406	267	1,447	46,328	259,885	306,213	23,559	19,809	130,944	114,767	289,079
Travancore Cochin	5 10	5 10	15	134	139	914	18,468	44,847	63,315	16,512		17,080	5,411	39,003

* Compulsion was in force only in Ward IX of Calcutta Corporation

† In one city and one town only certain wards are under compulsion

‡ Only 13 wards of Delhi City are under compulsion.

Note Compulsion was not in force in the remaining States upto 31st March, 1951

NUMBER OF INSTITUTIONS—1950-51

State	Recognised Institutions for		Unrecognised Institutions for		Total No of Institutions for	
	Boys	Girls	Boys	Girls	Boys	Girls
Assam	11,919	1,536	1,223	81	13,142	1,617
West Bengal	18,009	1,204	338	59	18,347	1,263
Bihar	27,718	2,320	1,295	120	29,013	2,440
Bombay	35,711	4,000	383	16	36,094	4,016
Madhya Pradesh	25 928	5,189	806	56	26,734	5,245
Madras	41,402	460			41,402	460
Orissa	11,399	273	1,588	4	12,987	277
Punjab	4,731	1,283	135	130	4,866	1,383
U P	35,585	3,281	915	41	36 500	3,322
Hyderabad	8,541	1,176	546	1	9,087	1,177
Jammu and Kashmir	1,226	221			1,226	221
Madhya Bharat	4,457	388			4,457	388
Mysore	12,858	1,013			12,858	1,013
PEPSU	1,200	158	8	12	1,208	170
Rajasthan*	4,139	429			4,139	429
Saurashtra	2,531	246			2,531	246
Travancore Cochin	5,267	266	182	11	5,449	277
Ajmer	378	96	3		381	96
Andaman and Nicobar Islands	20		1		21	
Bhopal	269	37			269	37
Bilaspur	35	1			35	1
Coorg	135	3	13		148	3
Delhi	859	356			859	356
Himachal Pradesh	476	37	40		516	37
Kutch	257	44	345	130	602	174
Manipur	533	29			533	29
Tripura	456	21			456	21
Vindhya Pradesh	1,784	133	3		1,787	133
Total	2,57,823	24,150	7,824	661	2,65,647	24,811

* Figures relate to the year 1949-50

NUMBER OF STUDENTS ON ROLLS IN STATES IN INDIA—1950-51

State	Number of students in Recognised Institutions		Number of students in Unrecognised Institutions		Total Number of students in all Institutions	
	Boys	Girls	Boys	Girls	Boys	Girls
Assam	783,640	92,844	53,429	3,760	837,069	96,604
West Bengal	1,919,668	173,779	19,868	3,732	1,939,536	177,511
Bihar	1,841,661	113,308	70,641	3,929	1,912,302	117,237
Bombay	3,604,524	555,638	16,748	813	3,621,272	556,451
Madhya Pradesh	1,265,755	224,594	39,786	2,754	1,305,541	2,27,348
Madras	4,771,730	99,723			4,771,730	99,723
Orissa	580,403	16,985	42,777	137	623,180	17,122
Punjab	707,110	144,826	9,374	12,343	716,484	157,169
U P	3,304,584	333,170	61,528	2,731	3,366,112	335,901
Hyderabad	623,927	108,821	17,917	207	641,844	109,028
Jammu and Kashmir	77,147	13,777	..		77,147	13,777
Madhya Bharat	268,584	48,100			268,584	48,100
Mysore	814,796	104,524			814,796	104,524
PEPSU	133,640	18,255	1,785	935	135,425	19,790
Rajasthan*	305,760	42,092			305,760	42,092
Saurashtra	233,751	53,000			233,751	53,000
Travancore-Cochin	1,378,386	135,797	18,419	398	1,396,805	136,195
Ajmer	41,787	9,833	83		41,870	9,845
Andaman and Nicobar Islands	1,772		57		1,829	
Bhopal	15,878	3,005			15,878	3,005
Bilaspur	4,766	216			4,766	216
Coorg	22,640	1,345	598		23,238	1,345
Delhi	136,159	53,684			136,159	53,684
Himachal Pradesh	30,457	3,210	680		31,137	3,210
Kutch	19,051	3,154	13,786	7,038	32,837	10,192
Manipur	40,775	2,667			40,775	2,667
Tripura	29,983	1,857			29,983	1,857
Vindhya Pradesh	97,169	6,320	85		97,254	6,320
Total	230,55,503	2,364,524	3,67,561	38,777	23,423,064	2,403,301

* Figures relate to the year 1949-50

ENROLMENT IN PRIMARY AND SECONDARY STAGES IN INDIA, 1950 51

State	Number of Students in	
	Primary Stage	Secondary Stage
Assam	6,70,698	1,50,744
West Bengal	15,25,518	4,24,092
Bihar	14,64,586	3,28,362
Bombay	29,23,766	9,26,313
Madhya Pradesh	7,72,703	1,87,986
Madras	38,76,352	8,51,179
Orissa	4,85,631	55,944
Punjab	5,66,378	2,50,967
U P	28,18,447	6,34,453
Hyderabad	5,90,948	1,00,748
Jammu and Kashmir	Not Available	Not Available
Madhya Bharat	1,98,734	1,03 497
Mysore	6,08,655	2,29,827
PEPSU*	90,094	58,927
Rajasthan	2,43,274	82,708
Saurashtra	1,95,327	74,012
Travancore-Cochin†	11,76,754	3,16,697
Ajmer	Not Available	Not Available
Andaman and Nicobar Islands	1,042	701
Bhopal	14,719	3,494
Bilaspur	4,080	826
Coorg	17,887	5,753
Delhi	1,12,040	56,544
Himachal Pradesh	26,027	8,406
Kutch	16,652	5,217
Manipur	33,288	7,250
Tripura	22,551	8 521
Vindhya Pradesh	90,432	12,083
Total	1,85,46,578	48,85,251

* Figures include 2,720 students in unrecognised institutions

† Includes 18,281 students in unrecognised institutions receiving general school education

RECOGNISED PRIMARY AND SECONDARY SCHOOLS, NUMBER AND ENROLMENT, 1950-51

State	Primary Schools				Secondary Schools			
	School for Boys		School for Girls		School for Boys		School for Girls	
	Number	Enrolment	Number	Enrolment	Number	Enrolment	Number	Enrolment
Assam	9,432	5,54,192	1,266	66,195	1,046	1,78,526	140	22,630
West Bengal	14,033	13,38,877	750	77,649	2,041	4,47,792	327	84,735
Bihar	21,574	11,63,300	2,125	81,015	2,663	5,18,632	152	30,001
Bombay	26,292	29,67,280	2,215	4,58,362	1,159	3,71,223	184	53,214
Madhya Pradesh	7,936	6,18,402	599	69,955	970	2,49,103	123	23,229
Madras	38,448	40,70,079			1,143	5,73,407	256	84,242
Orissa	9,582	4,34,752	219	10,871	634	90,388	40	5,564
Punjab	3,254	2,98,734	1,061	95,548	1,250	3,77,464	128	46,119
U P.	29,459	25,26,940	2,520	2,00,464	3,219	6,37,978	622	1,27,564
Hyderabad	7,749	4,61,912	1,056	76,279	264	1,24,121	74	29,384
Jammu and Kashmir*	940	46,809	175	6,748	152	25,248	43	6,752
Madhya Bharat	3,859	1,82,130	813	27,604	319	70,636	69	20,035
Mysore	9,702	5,76,546	583	65,404	771	1,62,591	150	33,911
PEPSU	733	42,190	107	6,655	301	86,118	84	10,351
Rajasthan†	2,864	1,72,293	331	24,413	676	1,10,773	73	16,403
Saurashtra	2,186	1,67,862	224	46,492	112	49,624	17	6,137
Travancore-Cochin	3,968	11,18,164			871	2,26,182	212	1,31,103
Ajmer	320	28,832	80	8,243	45	8,502	14	1,057
Andaman and Nicobar Islands	19	874			1	898		
Bhopal	288	8,217	34	2,158	24	7,021	3	847
Bilaspur	28	2,871			6	1,819	1	216
Coorg	84	6,066	1	50	46	16,293	2	1,295
Delhi	361	62,448	169	28,190	94	57,738	49	19,849
Himachal Pradesh	377	14,912	25	988	97	15,827	12	2,209
Kutch	223	15,398	43	2,869	17	3,317	1	285
Manipur	430	27,007	25	1,889	78	10,864	4	778
Tripura	397	18,819	7	342	50	10,396	14	1,515
Vindhya Pradesh	1,582	64,155	114	3,939	169	31,667	19	2,371
Total	1,96,070	1,69,90,061	14,042	13,62,822	18,218	44,63,648	2,763	7,61,796

* Excludes figures for un-aided schools.

† Figures relate to the year 1949-50

UNIVERSITY AND COLLEGIATE EDUCATION—NUMBER AND ENROLMENT* 1950-51

State	General Education			Professional & Special Education (other than Teachers Training)																	Total	
				Engg & Technology			Medicine and Veterinary			Agriculture and Forestry			Commerce			Law			Others**				
	No of Institutions	No of Pupils		No of Institutions	No of Pupils		No of Institutions	No of Pupils		No of Institutions	No of Pupils		No of Institutions	No of Pupils		No of Institutions	No of Pupils		No of Institutions	No of Pupils		No of Institutions	No of Pupils
		Boys	Girls		Boys	Girls		Boys	Girls		Boys	Girls		Boys	Girls		Boys	Girls		Boys	Girls		
Assam	18	6 381	975				1	229	14	1	76			553		1	185	2	1	48		22	8,459
West Bengal	94	36,299	6,710	3	2 064	4	9	3 579	211		186		1	9 844	2	2	1 591	31	24	998	547	133	62 062
Bihar	32	17,744	818	3	507		5	1,271	79	1	102		1	4 241		2	951	1	2	193	52	46	25,959
Bombay	66	32,691	7,246	9	2,159	22	8	2,184	493	4	730	2	7	4 326	105	6	2,217	96	7	186	75	107	52,512
Madhya Pradesh	21	6,097	1 055	2	487		2	541	64	1	263	1	3	1 369	3	3	876	4				32	10,760
Madras	69	35 719	4 541	5	2 319	6	7	2 322	646	3	474	4		4 604	10	1	950	21	32	1 513	270	117	53 399
Orissa	15	5,255	383				2	232	29					165			473	6	3	200	7	20	6 750
Punjab	40	18 394	1 719	1	166		2	493	93	1	305		1	151		1	60	7	9	304	10	55	21,752
Uttar Pradesh	38	65 495	5 985	1	1 515	54	4	1,507	208	6	1 984	14	5	4,758	32		2,958	60	3	1,487	318	57	85 975
Hyderabad	16	6,569	966	1	768		2	434	83	1	95		1	291			307	1				21	9,514
Jammu & Kashmir	15	2,353	252																			15	2,605
Madhya Bharat	16	5 330	434					400	42	1	56			721	2		318		3	609	200	20	8 112
Mysore	23	12 006	2 101	4	2 395	7	1	298	72	1	199	3	2	946	2	1	174	3	5	163	14	37	18 383
PEPSU	11	2 672	309								14		1	33								12	3 026
Rajasthan†	25	8 101	494	1	195		1	174	6	1	23		1	135		1	423	1	7	687		37	10,241
Saurashtra	3	1,564	183										1	127								4	1,874
Travancore-Cochin	23	14 310	4,233	3	664	2								552	10	1	334	22	1	200	32	28	20 359
Ajmer	5	2,486	568																			5	3 054
A & N Islands																							
Bhopal	1	158	57											126					2	128		3	469
Bilaspur																							
Coorg	1	147	30																			1	177
Delhi	15	5,965	940	1	606	1	2	115	301	1	245		1	511			708	29	3	235	132	23	9,788
Himachal Pradesh	1	156	9																			1	165
Kutch																							
Manipur	1	341	7																			1	348
Tripura	2	603	50								49											2	702
Vindhya Pradesh	1	20																				1	20
Total	552	286,836	40,065	34	13,845	96	46	13,771	2,341	22	4 851	24	25	33,453	166	19	12,125	284	102	6,951	1,657	800	4,16 465

* Excludes pupils reading for school courses

** Includes colleges for Music, Dancing, Oriental Studies, Physical Education, etc , etc

† Figures relate to 1949 50

VOCATIONAL AND SPECIAL EDUCATION SCHOOLS (OTHER THAN TRAINING)—NUMBER AND ENROLMENT * 1950–51.

State	Engineering, Technical and Industrial		Medicine		Commerce		Agriculture and Forestry		Social Education		Others**		Total	
	Number of Schools	Number of Pupils	Number of Schools	Number of Pupils	Number of Schools	Number of Pupils	Number of Schools	Number of Pupils	Number of Schools	Number of Pupils	Number of Schools	Number of Pupils	Number of Schools	Number of Pupils
Assam	12	706			7	485			1,366	40,151	133	3 677	1 518	45 019
West Bengal	91	7,847	3	871	33	4 262	1	38	832	35 944	900	29 196	1,860	78 158
Bihar	29	2,431		49	16	1 189	1	9	2 900	1 11,891	446	15 896	3 392	1 31,465
Bombay	39	5 276	25	1 691	81	9,349	19	1 198	8 912	1 79 700	421	38,125	9,497	2 35 339
Madhya Pradesh	16	1 387	1	776			2	192	21,383	5 13,502	19	1,414	21,421	5 16 585
Madras	48	6,607	1	77	314	16,055	1	98	1,167	31 706	138	10 ?09	1,669	65,551
Orissa	14	580	2	64	2	42	1	26	614	31 832	515	15,409	1 148	47,953
Punjab	37	2 454	3	410		100	1	50	163	7 808	2	193	206	11 017
Uttar Pradesh	78	4 001			1	33	1	138	1,339	37 811	1 413	34 849	2,832	76 832
Hyderabad	20	1,678			1	94	1	17	280	10 968	233	17,660	535	30,017
Jammu & Kashmir									120	2 400			120	2 400
Madhya Bharat	1	91							210	4 981	28	674	239	5 299
Mysore	20	2,471	1	426	49	4,003	3	76	2 396	47 09?	90	3,183	2,559	57,256
PEPSU	2	105							166	1 887	2	244	170	2,236
Rajasthan††									401	8 987	169	1,719	573	10 706
Saurashtra	3	294	1	261	3	310	2	42	161	6 666	22	767	192	8 340
Travancore Cochin	147	4 246			42	1 564	3	83	124	3 498	72	5 150	388	14,541
Ajmer									1	1 538	5	102	6	1 640
A and N Islands														
Bhopal			1	9							2	142	3	151
Bilaspur									1	76			1	76
Coorg									1	30			1	30
Delhi	3	463	1	26					506	7 999	5	497	515	8,985
Himachal Pradesh														
Kutch									12	215	1	20	13	235
Manipur											24	2,556	24	2,556
Tripura									2	35	5	31	7	66
Vindhya Pradesh	1	16									28	653	29	669
Grand Total	561	40,656	39	4 673	549	37 486	36	1,967	43 060	10,85 870	4 673	1 82 470	48,918	13,53,122

* Includes students reading in classes attached to schools for General Education and Colleges
** Includes schools for Arts and Crafts, Music, Dancing, the Handicapped and Reformatory etc., etc
†† Figures relate to 1949 50

NUMBER OF TEACHERS IN RECOGNISED SCHOOLS FOR GENERAL EDUCATION, 1950 51

State	Number of Teachers in						Total
	Primary Schools		Middle Schools		High Schools		
	Men	Women	Men	Women	Men	Women	
Assam	15,127	1 957	3,246	416	3,382	423	24,551
West Bengal	41,137	2,055	5 328	940	13,062	2,166	64 688
Bihar	37,807	2,567	11,713	894	7 597	511	61,089
Bombay	71,543	16,092	1,903	290	13,312	3,040	1,06,180
Madhya Pradesh	18 087	2 377	5,633	532	3,836	755	31 220
Madras	1,06,986	32,131	2,124	642	20,873	3,968	1 66,724
Orissa	16,208	317	2,414	155	2 125	122	21,341
Punjab	7,293	2 506	4,762	835	6 306	668	22 370
U P	65,110	5,189	11,605	2,900	15,453	2,774	1,03,031
Hyderabad	15,192	2,641	2,873	620	2,632	961	24 919
Jammu and Kashmir	1,948	214	869	309	835	86	4,261
Madhya Bharat	5 542	743	3,246	542	806	205	11,084
Mysore	18,827	2,683	3,601	787	2,031	484	28,413
PEPSU	998	135	1,101	182	1,464	201	4 081
Rajasthan *	5,681	985	4,057	577	2,360	270	13 930
Saurashtra	5,375	1,372	767	137	891	123	8 665
Travancore Cochin	15,106	7,052	3,588	1,481	6,937	2,589	36,753
Ajmer	653	90	89	24	311	104	1,271
Andaman and Nicobar Islands	40	11			12	3	66
Bhopal	350	93	259	30	93	31	856
Bilaspur	76	1	41	6	15		139
Coorg	136	24	237	47	161	54	659
Delhi	1,429	911	426	352	1,275	524	4,917
Himachal Pradesh	584	63	359	33	310	73	1,422
Kutch	487	91	60		59	6	703
Manipur	929	34	264	7	162	10	1,406
Tripura	532	43	174	14	245	27	1,025
Vindhya Pradesh	2,876	167	1,315	129	272	26	4,785
Grand Total	4,56,059	82,534	72,054	12,881	1,06 807	20,204	7,50,549

* Figures relate to the year 1949 50

TEACHERS, TRAINING INSTITUTIONS—NUMBER AND ENROLMENT, 1950-51

State	No of Institutions*		No of Pupils**			
			In Schools		In Colleges	
	Schools	Colleges	Boys	Girls	Boys	Girls
Assam	30		1,255	136	33	10
West Bengal	53	4	1,174	331	274	165
Bihar	84	2	3,894	573	114	16
Bombay	108	8	8,394	3,291	466	156
Madhya Pradesh	22	6	1,146	447	332	186
Madras	187	15	13,852	8,744	692	238
Orissa	28	1	948	99	58	5
Punjab	6	3	796	899	153	249
U P	134	16	15,166	639	1,449	509
Hyderabad	16	1	775	275	75	30
Jammu and Kashmir	1	1	201	39	40	5
Madhya Bharat	3	2	108	186	123	16
Mysore	11	1	966	290	60	18
PEPSU	1		210	59	54	6
Rajasthan †	12	2	658	76	68	2
Saurashtra	23		847	386		
Travancore Cochin	57	1	1,329	1,786	124	74
Ajmer	3		257	85		
Andaman and Nicobar Islands						
Bhopal	1		20			
Bilaspur						
Coorg			52	12		
Delhi	2	1	135	204	74	227
Himachal Pradesh	1		53	13		
Kutch	1		14	12		
Manipur						
Tripura						
Vindhya Pradesh	2		78	1		
Total	786	64	52,328	18,033	4,189	1,912

* Excludes University Teaching Departments and Classes attached to institutions for General education
** Includes enrolment in University Teaching Departments and classes attached to institutions for general education
† Figures relate to the year 1949-50

SCALES OF PAY

Here are tables of scales of pay sanctioned in Government Schools by the Central Government

PRIMARY SCHOOLS

Post	Prescribed Scale	Minimum Qualifications.	Remarks
Headmaster	Grade pay plus S P Rs 15	Matric Trained *	Minimum from 1st April 1950
Teachers	68-4-120-E B 5-170	Matric Trained	
	68-4 120-E B -5-170	Middle S V & V T C if in Ajmer	Temporary relaxation for existing employees
	55 3-85 E B -4 125 5 130	Untrained Matric Middle J Vs	
	50 2 60-3 90	Lower than Middle J Vs	
	35 1 40-2 60	Non Matric Untrained	Minimum from 1st April 1950

MIDDLE SCHOOLS

Post	Proposed Scale	Minimum Qualifications	Remarks
1	2	3	4
Non Language teachers and English teachers	100-5 150-E B 8-190-10-250	Trained (J A V, S.A V, or B T) graduate teachers	Minimum from 1st April 1950.
		Untrained graduate teachers with 5 years' experience	
		Intermediate plus S A V	
	80-5 120-E B -8-200-10/2 220	Untrained graduate teachers with less than 5 years' experience	Temporary relaxation for existing employees
	68 4 120-E B -5-170	Matric plus S V or J A V or V T C of Ajmer	
	68-4-120-E B 5 170	Middle S V (or V T C in Ajmer)	
Headmaster	Grade pay plus S P Rs 40/- for classes 1-8 Grade pay plus S P Rs 25/- for classes 6—8	Trained graduate	Minimum from 1st April 1950

*Non-Matric J V H Ms who held their posts as Headmasters substantively on the date of election of the revised scales will also as a special grade be given the scale of pay of Rs 68-4 120 E B -5-170 as personal to them.

PUBLIC HEALTH

PUBLIC health is a State subject

The Central Ministry of Public Health administers quarantine in ports, controls quality of imported drugs, and promotes research It also gives advice, collects information and acts as a co ordinating and liaison agency The department which deals with public health under the Central Government is called Directorate General of Health Services

The main facts (based on Government reports) are given below

About 3,80,000 persons are engaged in medical and health services in the country as a whole Out of this 2,30,000 live in towns and 1,50,000 live in villages These may be divided as follows*

Registered medical practitioners (91,930), Vaids, hakims and those not registered (96,147), Compounders (38 407), Nurses (31,517), Mid wives (23 938), Vaccinators (5,928), Dentists (3,283), Others engaged in hospitals and private establishments rendering medical or health services but not including scavengers or sanitary staff (72,970)

Number of hospitals, 8,601 (1951), no of beds, 1,13,557 (1951), no of nursing homes, 500 (1952), no of medical colleges (including 3 dental colleges, 3 nursing, one pharmacy), 34 (1952), no of colleges for indigenous systems, 50 (1952), no of special institutions (*e g*, radiological) conducted by private agencies, 195, no of maternity and child welfare centres (urban) 684 (rural) 418 (1947), no of trained visitors (urban) 231, (rural) 136 (1947), no of trained midwives (urban) 922, (rural) 255 (1947), no of trained *dais* (urban) 1,264, (rural) 1,387 (1947)

The position in relation to health services (1947) in urban areas is as follows —

Number of medical health officers, whole-time, 164, part time, 23, no of medical licentiates, whole time, 137, part time, 6, no of sanitary and health inspectors, 1,194, no of vaccinators (male) 809, female 55, no of inspectors of vaccination, 60, no of school medical officers, 60, other health staff, 1,294

The position in relation to health services in 1947 in rural areas was as follows

Number of medical health officers, whole time, 132, part-time, 4, no of medical licentiates, whole-time, 194, part-time, 2, epidemic staff 832, no of sanitary and health inspectors, 1,367, no of vaccinators, male 4,081, female, 73 no of school medical officers, 29, other health staff, 1,466

VITAL STATISTICS

The registered birth rates, death rates and infant mortality rates are given below

—	Birth rate	Death rate	Infant Mortality rate
1921	32	31	198
1930	33	25	189
1940	33	22	160
1947	26 6	19 7	146
1948	25 4	17 1	130 9
1949	26 7	16 0	123
1950	24 8	16 0	127

The infant mortality rates in some of the Indian cities are given below They are much higher than the rate for the country

Name of the city	1948	1949	1950
Ahmedabad	203 3	244 5	189 8
Bombay	165 8	174 2	143 5
Calcutta	258 7	165 7	Not available
Delhi	115 5	107 7	103 4
Lucknow	155 4	143 3	160 0
Madras	156 7	158 6	187 7
Nagpur	305 9	216 1	226 9

The following paragraph gives the maternal death rate (deaths per 1,000 of live and still-births) for 1947 in some major towns in India

Ahmedabad, 5 3, Bombay, 2 0 Calcutta, 4 7, Delhi Cantonment, 2 8, Delhi City 4 6, Lucknow, 4 6, Madras, 3 8, Nagpur, 10 6

TROPICAL DISEASES

The following table gives the death rate (number of deaths for every 1,000 of the population) for a number of States The year for which the figures are given is 1947

State	Cholera	Small pox	Plague	Fever.	Dysentery and Diarrhœa	Respiratory Diseases	All other causes	Total
Assam	0 2	0 06		5 2	0 5	0 4	2 0	8 4
Bihar	1 2	0 2	0 06	10 4	0 08	0 06	1 7	13 8
Bombay	0 2	0 1	0 06	7 9	0 8	4 3	8 5	21 9
M P	0 6	0 2	0 2	17 6	1 4	2 0	7 6	29 5
Madras	0 5	0 06	0 02	4 4	1 1	1 8	10 5	18 3
Orissa	0 8	0 2		13 7	1 6	0 6	6 5	23 5
Punjab	0 1	0 1	0 01	10 0	0 3	1 5	2 1	14 2
U P	0 9	0 2	0 2	10 5	0 3	0 5	1 4	14 0
West Bengal	0 6	0 4		8 6	1 1	1 6	4 9	17 1
Ajmer	0 1	0 3		13 4	0 5	1 2	1 9	17 4
Coorg		0 03		9 0	0 2	0 3	2 8	12 3
Delhi	0 0	0 07		2 3	1 1	2 6	5 7	11 7

In 1947 as many as 1,066,269 persons died of malaria (996,176 in rural areas) About 20 lakh persons suffer from tuberculosis and about *5 lakhs die annually* During 1947 as many as 371,045 died of respiratory diseases and 47,639 of pulmonary tuberculosis in Part A States and the Part C States of Ajmeri Coorg and Delhi

Plague —States which may be said to have a serious plague problem are U P, Bihar and Madhya Pradesh The number of deaths from plague in some States are as follows —

State	1946	1947	1948	1949	1950
U P	18,206	51,455	13,722	Not available	Not available
Bihar	8,689	13,204	Not available	,, ,,	,, ,,
M P		2,902	2,860	3,475	5,568
Madras				150	Not available
Punjab		1,905	211	241	,, ,,

Cholera —The total number of deaths from cholera are as follows 1940—86,133, 1941—228,141, 1942—218,489, 1943—459,829, 1944—294,191, 1945—278,309, 1948—162,870, 1949—74,326

Leprosy.—States in which leprosy is most prevalent are Assam, Bihar, Hyderabad, Madhya Pradesh, Madras, Orissa, West Bengal, Travancore-Cochin It is estimated that there are about 12 lakh lepers in the country, about three fourths of the cases being of the mild type and non-infective

Malaria.—It is estimated that there are at least 100 million people suffering from malaria at any time in the country, and that out of 8 million deaths in a year at least 2 million are caused directly or indirectly by malaria The number of deaths for 1947 was 1,066,269 Out of these 996,176 were in the rural areas

The number of persons, treated in hospitals and dispensaries and (in brackets) of those who died in hospital are given below The year for which the figures are quoted is 1948

Animal parasites—287,926 (49), Beri beri—34,689 (41), Cholera—47,659 (6,172), Digestive diseases—3,270,402 (1,338), Diarrhœa—1,574,088 (2,914), Dysentery—1,220,814 (2,639), Dyspepsia—165,998 (20), Ear diseases—2,802,372 (47), Eye diseases—4,105,411 (84), Gonorrhœa—248,222 (42), Injuries—2 614 952 (6,773), Labour (abnormal)—40,531 (1 808), Labour (normal)—210,652 (604), Liver abscess —17,470 (274), Liver diseases (other than abscess)—221,208 (1,184), Malaria—8 065,038 (1,823), Nervous diseases—1,090,822 (1 855), Respiratory diseases (except pneumonia and lung tuberculosis)—3,812,759 (1,741), Rheumatic fever and rheumatism—299 027 (50), Skin diseases—2,659,882 (221), Small pox—5 638 (388), Syphilis—282,315 (301), Tuberculosis of the lung—200,960 (4,048) Tuberculosis, other than of lung—79,917 (1,020), Ulcers—3,113,410 (678)

INSTITUTIONS

A Central Council of Health has been constituted with the Union Health Minister as chairman and State Health Ministers as members The Deputy Director General of Health Services is the Secretary

The All India Council of Post graduate Medical Education prescribes standards for post graduate medical education

The body in charge of research is the Indian Council of Medical Research The following institutes and laboratories may be mentioned

Malaria Institute of India (New Delhi), All-India Institute of Hygiene and Public Health (Calcutta), Cancer Research Centre (Tata

* Exclusive of five districts in Bihar (Monghyr, Bhagalpur, Saharsa, Purnea, Santhal Parganas) Also see under "Population"

Memorial Hospital (Bombay), Tuberculosis Institute (Delhi University), Central Drugs Research Institute (Lucknow) Virus Research Centre (Poona), Rabies Research Centre (Kasauli), Central Institute for Research in Indigenous Medicine (Jamnagar)

The chest Institute of Delhi University may also be mentioned here

The laboratories are B C G Vaccine Laboratory ((Guindy Madras), Central Drugs Laboratory (Calcutta), Serologist Laboratory (Calcutta), Central Research Institute (Kasauli)

There are four main medical depots—one each at Bombay, Calcutta Kamal and Madras The depots at Bombay and Madras have factories attached to them

Among important Acts in force are Vaccination Act, Drugs Act of 1940, Drugs Rules of 1945 Then there are the Indian Medical Council Act, the Nursing Act of 1947, the Dentist Act the Pharmacy Act

The following medical bodies are in existence The Indian Medical Council, the Nursing Council, the Dental Council the Pharmacy Council

CONTROL OF DISEASES

Steps are being taken to control a number of diseases that are rampant

For malaria, there are four control schemes in Terai (U P), Jaipur Hill Tracts (Orissa) Malnad (Mysore), Tirnad (Madras) The cost of each scheme is shared by the Central Government the State Government, the WHO and the UNICEF The *Malaria* Institute is also engaged in malaria control work with the assistance of the Indo American Fund (Point Four Programme) The Technical Assistance Authority has offered DDT, vehicles and spraying equipment

A number of bodies are fighting to control leprosy—Mission to Lepers Hind Kushta Nivaran Sangh (formerly Indian Council of the British Empire Leprosy Relief Association) Gandhi Memorial Leprosy Foundation Kasturba Gandhi Trust, Maharogi Sewa Mandal

The Mission runs 50 leper homes with about 10,000 inmates and gets a grant from State Governments

The Sangh has as its president the President of the Indian Republic It carries on research work at the School of Tropical Medicine at Calcutta, conducts courses in post graduate training in leprosy, undertakes surveys

The mainstay in the treatment of leprosy has been injections of chaulmoogra (hydnocarpus) oil or its preparations Recently encouraging results have been reported by the use of certain sulphone drugs such as Promine and Diasone

The Sir Profulla Chandra Research Laboratory and the connected Bengal Chemical and Pharmaceutical Works Ltd Calcutta have commenced production of an anti leprosy drug called Novotrone Both the mother sulphone (Diamino Diphenyl Sulphone) called Novophone and a soluble derivative called 'Novotrone', which is of the same composition of the well known compound Sulphetrone prepared by Burroughs Welcome & Co, London are being manufactured

The only sure method of preventing contact with infective cases is the isolation of cases in leprosy hospitals, sanatoria or colonies There are in all about 129 colonies homes asylums and hospitals for the treatment of leprosy patients and the number of beds provided is estimated at 17,000

Treatment in out patient leprosy clinics is also available in various parts of India The number of such clinics is approximately 1,000 and the total number of cases taking treatment therein is roughly 60,000 per year

As for tuberculosis, about 100 anti T B teams are working in the country By the end of July 1953 about 16 million persons were tested and five and a half million persons were vaccinated with B C G The serum is now manufactured at Guindy in Madras There are three centres at Delhi Patna and Trivandrum for studying the incidence and spread of the disease, while at Delhi University there is a T B Institute

The maternal and child mortality as already indicated is high—the maternity death rate is about 20 and infant mortality about 130

In all States welfare activities are in progress There are posts of maternity and child welfare officers in Madras West Bengal, Orissa, Assam Delhi, U P, Punjab Madhya Pradesh and Hyderabad The Government of India has an officer in the Directorate-General of Health Services who gives special attention to maternity and child welfare problems In Bihar work is done by the Bihar Maternity and Child Welfare Society and in Bombay the Bombay Mothers and Children's Welfare Society There is a model demonstration centre at Najafgarh near Delhi

Non official bodies engaged in welfare work are the Association of Medical Aid to Women by Women and the Indian Red Cross which has a special bureau The Bureau administers the funds of the Victoria Memorial Scholarships which amount to six and a half lakhs The income is expended as grants in aids to training schemes for rural midwives

DEFECTIVES

The last census of handicapped persons (blind deaf crippled mentally retarded etc) took place in 1931 These put the number of blind at about 600 000 and the number of deaf and hard of hearing at 700 000

It is estimated that today the total number of blind is about 1,800 000 and the deaf about 600 000

There is a Training Centre for the Adult Blind at Dehra Dun to impart vocational training There is also a common Braille code for Indian languages known as Bharati Braille A central Braille Printing Press has been established at Dehra Dun It has already published several Braille books in Hindi

There is a journal called *Deepanjali* devoted to the welfare of the blind Its opposite number for the deaf is called *The Deaf in India* For training deaf and dumb children the Lady Noyce School for the Deaf and Dumb in New Delhi has been provincialized The Children's Aid Society Home at New Delhi which has also been provincialized takes care of neglected and destitute children

The number of mental cases is about one million mental defectives one and a half million of psycho neurotics about three million

At present there are 32 mental hospitals with accommodation for about 10 500 patients One of these in Madras is reserved for criminal lunatics only

The Mysore Government Mental Hospital at Bangalore and the Hospital for Mental Diseases at Ranchi are the ones which are best equipped

The following is a list of mental hospitals in India

Mental Hospital Tezpur, Inter Provincial Mental Hospital Kanke, Ranchi Indian Mental Hospital Kanke, Ranchi, N M Mental Hospital Thana (Bombay), Mental Hospital Ratnagiri (Bombay), Central Mental Hospital Yeravda Mental Hospital Ahmedabad, Mental Hospital Dharwar, Mental Hospital Baroda Mental Hospital, Nagpur, Government Mental Hospital Madras Government Mental Hospital Waltair Government Mental Hospital Kozhikode Punjab Mental Hospital, Amritsar Mental Hospital Agra Mental Hospital Bareilly, Mental Hospital Banaras Mental Hospital Mankunda Calcutta, Lumbini Park Mental Hospital P O Ishapi, 24 Parganas Bangi Manmad Ashram, 29 A Vivekananda Road, Dum Dum Mental Observation Ward, Bhawanipur, Calcutta, Mental Hospital, Lahia, Mental Hospital Srinagar, Mental Hospital Lashkar Mental Hospital Bonganga, Indore, Mental Hospital Bangalore, Mental Hospital, Jaipur, Mental Hospital Jodhpur, Mental Hospital Udaipur Mental Hospital Bhavnagar Mental Hospital, Trivandrum, Mental Hospital, Trichur

BHORE COMMITTEE'S PLAN

The key report for public health is the one submitted by the Health Survey and Development Committee appointed by the Government of India in October, 1943 under the chairmanship of Sir Joseph Bhore The Committee was to make a survey of existing health conditions in the sub continent and to formulate plans for future health development

In putting forward its recommendations the Committee kept in view a scheme, which when fully developed should provide each individual in the country with adequate medical curative and preventive, irrespective of his ability to pay for such services

The scheme visualized by the Committee is as follows

The district health organisation will have as its smallest unit of administration a primary unit which will normally serve a population of 10 000 to 20 000 About 10 to 20 such primary units will together constitute a secondary unit and a varying number of the latter (3 to 5) will form the district health unit the designation suggested by the Committee for the district health organisation

At each of the headquarters of the district, secondary and primary health units will be established a Health Centre from which will radiate the different forms of health activity into the territory covered by each type of unit The provision made for medical relief and preventive health work at each of these Health Centres will increase in scope and efficiency from the primary unit to the district health unit

The District Health Centre will possess general and special hospitals with a total bed strength of about 200 and all the consultant and laboratory services required for the diagnosis and treatment of disease on up to date lines The Secondary Health Centre will have a hospital with 600 beds and the primary unit headquarters a 75 bed hospital

A system of ambulances and telephone connections between these three types of hospitals will help to promote the fullest utilization of the higher types of service available at the larger institutions by the people living in the remoter parts of the district

These hospitals will also take an active part in the preventive health campaign They will be linked with the field health organisations in respect of such services as those for tuberculosis, for mothers and children or for venereal diseases

The Committee made it plain that no health development plan could produce adequate results unless sufficient measures were taken for the provision of a healthy environment for community life, such as safe water supply, hygienic houses, a satisfactory system of conservancy and proper supervision over the production, distribution and sale of food intended for public consumption Specific recommendations were put forward in respect of these

In order to secure the active support of the people, the establishment of a Health Committee in every village was recommended

FIVE-YEAR PLAN

Total allotment—Rs 99 5 crores

It is proposed that the country should have one doctor for every 2,000 persons, one nurse for 500 one midwife for 4,000

The schemes envisaged provision of water supply and drainage, control of malaria, care of health of the rural population through health and mobile units, health services for women and children, training of more doctors and nurses, research in indigenous systems of medicine, setting up of one factory for the manufacture of anti biotics, and two for the manufacture of D D T

Allotment for 125 malaria control teams —Rs 15 crores

Research in indigenous medicine—Rs 37 5 lakhs

SOCIAL WORK IN INDIA

THE period under foreign rule witnessed a destruction of the older social structure in India In the newer structure that emerged a number of reforms and institutions were introduced by bodies like the Brambo Samaj the Prarthana Samaj, the Ramkrishna Mission and the Arya Samaj Though these organisations were in the nature of religious orders they took it as a part of their faith to serve the needy and the suffering The Arya Samaj and the Ramkrishna Mission sponsored social reforms established orphanages widows homes free dispensaries and relief centres in periods of emergency

During this period pioneering work in many neglected fields of service *e g* founding homes, leper asylums and institutions for the maimed and the handicapped, was undertaken by Christian missionaries in the country

By 1920 Mahatma Gandhi's contribution began to gain recognition throughout the country He provided for a number of constructive social welfare programmes through organisations like the Harijan Sewak Sangh All India Village Industries Association Charkha Sangh the Hindustani Talimi Sangh Goseva Sangh and the Kasturba Gandhi National Memorial Trust, etc

The late 30s saw the formation of the first popular Ministries in eleven provinces in India During the same period professional social work began to be recognised with the starting of the Sir Dorabji Tata Graduate School of Social Work in the year 1936

The new profession generally covers the following fields of social work Community Welfare Services Family, Child and Youth Welfare Service Public Welfare Administration, Social Security Services Services for the mal adjusted and handicapped groups, Social Defence and Correctional Administration Services for Emergency Relief and Rehabilitation Social Legislation and Social Action, Social Research Training in Social Work

The attitude of the Indian Government towards State responsibility for social welfare is reflected in Part IV of the Constitution which lays down the Directive Principles of State Policy , as follows –

The State shall strive to promote the welfare of the people by securing and protecting as effectively as it may, a social order in which justice, social, economic, and political, shall inform all the institutions of the national life

SOCIAL LEGISLATION

Social legislation on an all India scale dates back to 1843 when the first law abolishing slavery was passed The earlier laws sought to reform the evil social practices existing at the time, practices such as *Sati* infanticide, and child marriage Later, social legislation began to assume a more positive and constructive role Laws for better working conditions in factories, laws providing maternity benefits for the abolition of traffic in women and children and laws for the protection and care of destitute and delinquent children have all received attention in the first half of this century

The post-independence years have seen an unprecedented increase in social legislation Among the laws framed by the Government have been the Industrial Disputes Act, 1947, the Factories Act (revised), the Coal Mines Provident Fund and Bonus Scheme Act, the Minimum Wages Act, the Employees State Insurance Act of 1948 , the Plantation Labour Act, 1951 the Mines Act and the Provident Fund Act, 1952 The Hindu Code Bill seeks to deal with the questions of marriage divorce, inheritance by women etc

In India, the Central Government does not have a special Ministry or department for social welfare The Ministries of Health, Education, Labour and Agriculture undertake several important social services

A Planning Commission was set up in March 1950 by the Government of India and was entrusted with the overall assessment of resources and planning for economic and social welfare Chapter XXXVI of the Planning Commission's Report outlines an approach to matters of social welfare in India

There is no system of giving cash relief in India that corresponds to the programmes of Public Assistance of various countries

The Employees State Insurance Act when fully implemented will benefit three million industrial workers in the country in the matter of injury, ill health, etc

The Employees Provident Fund Bill was passed early in 1952 This measure covers 1 6 million industrial workers

Matters regarding health services have been covered in detail by the Bhore Committee Report those concerning Labour are dealt with under a separate section in this book

The question of traffic in women and children has received the attention of the Government but in the absence of adequate legislation and rehabilitation services an abolitionist policy has not been enforced on a country wide basis Some of the larger cities have programmes dealing with prostitution to private agencies Those co operating with the Government in this work are given government grants in aid The work of the Vigilance Association of Madras and Bombay is an example of the co operative effort of Government and voluntary agencies

Minimum standards for conditions in prisons are not laid down for the country as a whole However in 1952 an All Indian Conference of the Inspectors General of Prisons was convened in Bombay under the Chairmanship of Dr W C Reckless a U N Expert on Criminology and Correctional Administration The Conference has made several important recommendations in regard to the revision of the Jail Manuals In this connection, certain important recommendations have also been made by the Planning Commission

The Ministry of Education of the Central Government has recently sought to formulate a co ordinated programme to tackle juvenile delinquency The plan is to include Juvenile Courts, Remand Homes, Schools and a probation and parole system A Children's Act to be applied to centrally administered part C States is on the anvil

An All India Society for the Prevention and Treatment of Crime was established in 1950 with Lucknow as its headquarters

The average annual expenditure visualised in the First Five Year Plan under social education is of the order of Rs 3 02 crores The All India Adult Education Association is the Central Co ordinating agency in this field

Anti beggary acts have been passed in Madras, Uttar Pradesh Hyderabad Travancore Cochin West Bengal, Mysore, Madhya Pradesh, and the Punjab Institutional care for beggars is provided in a few of the States to a very meagre extent

The Government of India are keenly aware of the special difficulties and problems of the 19 million tribal people in India In accordance with the Constitution, a Special Officer for Scheduled Castes and Tribes has been appointed by the President For an interim period of ten years special reservations in the legislature and the services have been made for members of Scheduled Castes and Tribes An expert committee of the Indian Conference of Social Work published a memorandum in 1952 making several recommendations on Tribal Welfare The Backward Class Commission appointed in 1953 is to prepare the schedule and a sum of Rs 28 9 crores has been provided in the Plan for the amelioration of the Scheduled Castes and Tribes

Rural reconstruction work has been entrusted to the State governments Notable among these projects is the U P Government rural development programme in Etawah and another in Sholapur in Bombay State A rural Firka Development project is under way in Madras The Governments of Assam and Bombay have also implemented rural reconstruction schemes

The Central Government Ministry of Education opened a Rural Janata College near Delhi, this is an experiment in acquainting rural workers with newer techniques and methods of work in consonance with the particular local setting The Kasturba Gandhi National Memorial Trust has a country wide network of women and child welfare centres in the rural areas which comprised over 18 training centres, 57 medical centres and 200 rural welfare centres

The Social Welfare section of the Planning Commission and the Central Social Welfare Board proposed under the Plan are expected to meet the need for research and furnish information to some extent A provision of Rs 50 lakhs has been made in the Plan for research and investigations relating to social economic and administrative problems of national development amongst the voluntary organisations The Indian Conference of Social Work seeks to fulfil this need

The following tables quoted from "An Essay on National Income and Expenditure in India by Dr B Natarajan of Madras illustrates the budgetary provisions in Part A States in regard to social services

State	1938-39			1949-50			Increase in No of times	
	Amount (000)	Per cent to total	Per Capita	Amount (000)	Per cent to total	Per Capita	Amount	Per Capita
			Rs a p			Rs a p		
Madras	3,86,89	24 03	0 13 0	12 93 12	23 23	2 6 5	3 36	2 06
Bombay	2,63 51	20 59	1 4 7	12 96 36	24 74	5 9 4	4 92	4 34
Madhya Pradesh	76 82	16 31	0 7 6	3,79 90	20 21	2 1 5	4 95	4 46
Uttar Pradesh	2 69,35	21 04	0 8 0	10,17,92	18 31	1 11 5	3 78	3 43
Bihar	1,05,82	21 48	0 4 9	3 17,80	16 57	0 12 11	3 00	3 56
Assam	59,41	19 84	0 9 6	1,98,36	20 83	1 12 9	3 34	3 03
Orissa	36,55	20 19	0 6 10	1,38 63	15 82	1 7 5	3 79	3 43
Punjab	2 34,30	20 18	0 14 0	2,56,57	11 20	2 3 7	1 10	2 54
West Bengal	2,51,74	19 72	0 7 1	7,26,57	22 06	3 6 10	2 89	7 74
TOTAL	16,84,39	20 92	0 9 9	56,25,23	20 40	2 4 4	3 34	3 73

Expenditure allocated to social service and rehabilitation under the First Five Year Plan is 20 5 per cent of the total provision for the plan, as shown below (figures in crores)

Central Govt	Part A States	Part B States	Part C States
191 4	192 3	28 9	10 4

VOLUNTARY SOCIAL WORK

The groups of voluntary social work in India largely fall under the following heads State Administrators and officials, Trained or Professional social workers, Missionaries, The Gandhian social workers, and Voluntary social workers belonging to the various private agencies

Of these the religious believe in the traditional form of charity, the Missionaries in institutionalised social work, the Gandhian in the 14-point constructive programme, and the other voluntary workers in secular service on humanitarian grounds

The group of professionally trained social workers is small though more compact This group consists of some 500 alumni and teachers of the four post graduate schools of social work in India, viz, The Tata Institute of Social Sciences in Bombay, Delhi University School of Social Work, the Faculty of Social Work of the M S University of Baroda and the section on Social Sciences in Shri Kashi Vidyapeeth, Banaras In the last mentioned institute the medium of instruction is Hindi

The establishment of the Indian Conference of Social Work at a meeting of over 450 social workers assembled in Bombay in November 1947 marks a significant development in the field of social work in India The Conference undertakes and promotes the study of social problems and endeavours to foster co operation, collaboration and co-ordination amongst social service agencies in India and abroad

Other All India social service bodies working are mentioned below —

Child Welfare

Balkan ji Bari (Gulistan ', Khar, Bombay 21) Society for the Protection of Children in India (2 B, Camac Street, Calcutta), Indian Council for Child Welfare, 5, Sikhandra Road, New Delhi

Youth Welfare

Y M C A (5, Russel Street, Calcutta), Y W C A (37 Cantonment Road, Lucknow, U P), Bharat Scouts and Guides Association (Regal Building, Parliament Street, New Delhi)

Women's and Family Welfare

All India Women s Conference (41, Queen's Barracks, Foreshore Road, Fort, Bombay 1), Family Planning Association of India (Morarji Mansion, Darabsha Road, Bombay 26), National Council of Women in India (C/o Mrs Sarladevi Sarabhai, ' Retreat, P O Shahibaug, Ahmedabad)

Health

Tuberculosis Association of India (20, Talkatora Road, New Delhi) Indian Red Cross Society (20, Talkatora Road, New Delhi 2), All India Cancer Prevention Society (Tata Memorial Hospital, Parel Bombay), Hind Kusht Niwaran Sangh, (20, Talkatora Road, New Delhi)

Rehabilitation of the Handicapped

Convention of the Teachers of the Deaf in India (50, Bondel Road, Ballygunj, Calcutta), All India Light House for the Blind (89, Elliot Road, Calcutta), National Association for the Blind (Victoria Memorial Blind School, Tardeo, Bombay 7)

Rural Welfare

Sarva Sewa Sangh (Maganwadi, Wardha M P), India Village Service (10, Mall Avenue, Lucknow, U P)

General Social Welfare

Servants of India Society (Poona 4), Ramkrishna Mission (Belur, Dist Howrah), Gandhi Memorial Fund (C/o Govt House, New Delhi), Salvation Army (Moreland Road, Bombay 8), Friends Service Unit (1, Upperwood Street, Calcutta), All India Seva Samiti, Seva Samiti Building, Allahabad

Rural Women's Welfare

Kasturba Gandhi National Memorial Trust (Kasturbagram, Indore, Madhya Bharat)

Relief and Rehabilitation

United Council of Relief and Welfare (Govt House, New Delhi)

Social Education

Indian Adult Education Society (7, Faiz Bazar, Delhi), Nai Talimi Sangh (Wardha M P), Jamia Milia (Okhla, Delhi)

Welfare of Under-Privileged Groups

Harijan Sewak Sangh (Kingsway Delhi), Bhartiya Adimjati Sevak Sangh (Kingsway, Delhi)

Social Defence

All India Crime Prevention Society (Behari Niwas, Kanpur, U P), Association for Moral and Social Hygiene in India (Room No 212, ' P Block, Raisina Road, New Delhi)

The national organization for the co ordination of welfare services is the Indian Conference of Social Work located at 6/A, Cooperage, Bombay 1

There is also a South-East Asia Regional Office of the International Conference of Social Work which has been established in conjunction with the Indian Conference of Social Work in Bombay

The Government of India have given evidence of their interest in social work by setting up in the Planning Commission a special section for social services In 1950 the Ministry of Education, Government of India, appointed an All India Social Welfare Advisory Board to give advice on important matters pertaining to *social welfare work in the country*

In March 1953 an All India Conference for the improvement of the conditions of the former Criminal Tribes was held in New Delhi, the Central Government announced a grant of Rs 30 lakhs for this work

Towards the work of Child Welfare the *UNICEF* voted a grant of 1,370 000 dollars to India The total allocation to India amounts to 8½ million dollars

The Ford Foundation have established 34 training centres for the multi purpose village level workers

In the field of training in social work, the Government of India set up a committee for standardisation of courses in social work at the post-graduate level This was followed up by the Indian Conference of Social Work which appointed a Committee representative of the four post-graduate schools of social work and a few prominent voluntary workers to recommend courses in social work to suit the needs of the country at different levels and different settings

The following institutions already afford training at the post-graduate level —

1 The Tata Institute of Social Sciences (105 9, Ghodbunder Road, Andheri, Bombay)
2 The Delhi School of Social Work (8, University Road, Delhi 8)
3 The Faculty of Social Work (The M S. University of Baroda, Baroda)
4 The Institute of Social Sciences (Shri Kashi Vidyapeeth, Banaras Cantt, U P)

GOVERNMENT GRANTS

Grants totalling Rs 8,60 000 have been approved by the Central Social Welfare Board to 239 institutions all over India as the first instalment of assistance which the Board proposes to provide to voluntary welfare organisations in the country

Grants have been made for different types of social welfare work, including welfare of women and children, of deliquents and the physically and mentally handicapped and for general welfare activities

Out of the Rs 8 60,000 approved by the Board, Rs 2 08,000 has gone to 60 institutions for the welfare of handicapped and delinquent children, Rs two lakhs to 57 institutions for the welfare of women, Rs 58 000 to 47 institutions for the welfare of children and the balance of Rs 2 94,000 to 75 institutions carrying on general welfare activities

In making the grants, the Board has emphasised that the assistance is mainly intended for the improvement and expansion of welfare activities They are being made for programmes extending over a period of one year

For future years, grants will depend upon applications received on satisfactory reports from institutions which have already received aid

In considering applications for assistance the Board has been guided by certain general principles, namely

A Direct assistance to programmes of welfare should receive maximum attention,

B Care should be taken to see that all parts of the country are properly served and underdeveloped areas are brought to a level, as far as possible, with the rest of the country,

C Grants should normally be made on a matching basis, that is, on condition that the grant sanctioned by the Board will not be available unless the applicant organisation manages to raise a certain percentage from other sources, and

D In sanctioning grants, the Board should pay due regard to the nature and scope of the programmes, the problems to be tackled, the nature and extent of participants to and beneficieries of the programme, the extent and sources of existing income and the development potential of the organisation and its programme

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WOMEN'S MOVEMENT

ALL-INDIA CONFERENCE FOR WOMEN

Address No 6, South Avenue, *Delhi*

Office Bearers (1953 1955)

President Renuka Ray

Vice Presidents Luxmi Menon, Indirabai Holkar, Raksha Saran, K Kuppuswamy, Kitty Shiva Rao, Mithan Lam

Hon Gen Secretary Indira Maydeo (759/31, Deccan Gymkhana, Gopikashram, Poona 4)

Hon Treasurer Mrs M S H Jhabwala

There are branches in

Ajmere, Andhra, Assam, Baroda, Bengal Central, Bengal West, Berar, Bhavnagar, Bhopal, Bihar, Bombay, Calcutta, M P North, M P South, Cochin, Delhi, Gujarat, Gwalior, Hyderabad, Indore, Jath, Junagadh, Karnatak, Kolhapur Konkan Madras, Maharashtra, Malabar, Mysore, Orissa, Phaltan, East Punjab, Rajasthan, Sangli, Tamilnad, U P Agra, U P Oudh

Most of the branches run maternity and child welfare clinics medical centres, industrial centres, primary and adult education centres, co operative stores

These branches organized Assam Earthquake Relief Funds Jamshedpur started a hospital for leper parents children and also a home for them

Assam launched an anti untouchability move ment, restrained child marriages and rendered relief to refugees from East Pakistan

The Calcutta branch runs a college, Women s Hostel, Harijan Bal Mandir and Clinic and Cultural Club

The North M P branch has built an A I W C Hall, runs Raj Kumari Bal Orphanage and Charkha Sangh Centre

The Gujarat branch runs a monthly bulletin called Dipika

The Madras branch organized an anti Cancer Campaign

The Maharashtra branch runs Rashtrabhasha classes, toy making, sewing and embroidery classes, a mobile dispensary, a Family Planning clinic, a milk centre, a Patients Aid Boxes, first aid and ambulance classes and village uplift work

In Bombay a van is being run at Sanjan Taluka at a cost of Rs 1,000 a month The average number of patients is 500

The Bombay branch runs free reading rooms and libraries, women s clubs, and organizes excursions

The Bombay branch organized and collected funds for Ex servicemen s Day, the Mahatma Gandhi Fund and the Red Cross Fund

Most of the branches organized baby shows, and carried on a capaign in favour of the Hindu Code Bill

NATIONAL COUNCIL FOR WOMEN IN INDIA

This body is affiliated to the International Council of Women

Address Western House, C Block, Curzon Road, New Delhi

Office bearers

President Saraladevi Sarabhai, *Chairman* Mrs M Sahgal, *Vice Chairman* Lady E Russell, *Hon Treasurer* Mrs S Ramlall, *Hon Gen Secy* Mrs D N Wadia, *Hon Jt Secy* Mrs P Kalhan, *Organizing Secy* Mrs Anima Bose, *Editor of Bulletin* Mrs L Phadke

There are branches in

West Bengal, Bihar, Bombay, Delhi, Madhya Pradesh, Uttar Pradesh, Orissa, Assam, Jamshedpur, Lucknow, Simla, Jaipur

The affiliated bodies are

National Y W C A, All-India Girl Guides' Association, Trained Nurses' Union, Association for Moral and Social Hygiene

The work of the Council is carried on through a number of Standing Committees, namely Child Welfare, Village Welfare, Trades and Professions, Legislation, Press and Bulletin, Cinema and Broadcasting, Education and Social Entertainment, Relief and Rehabilitation, Housing and Health and Hygiene

Special committees are appointed whenever necessary and a conference of all the affiliated societies is held biennially

A monthly bulletin is issued from Bombay in which a survey of the social work done by the various organizations in India as well as news from the International Council and from National Councils all over the world is given

UNITED WOMEN'S ORGANIZATIONS

Address 1A, Mafatlal Park, Warden Road, Bombay 26

Office bearers

President Shrimati M D Bajpai

Vice-Presidents Mrs G R Bilimoria, Mrs Taraben Premchand, Mrs Mithan Lam

Hon Secretaries Mrs M S H Jhabwala, Mrs Lilavati Banker Mrs Indu P Joshi

Hon Treasurers Lady Duggan, Mrs Vidyaben M Munim

Chairman Mrs Jaishree Raiji

Ninety women s organizations are affiliated to the United Women s Organizations Any women s organization with a membership of 75 can become a member of the United Women s Organizations

During the year 1953 a sum of Rs 1,000 was sent to the Madras Governor s Fund by way of help towards the famine in Rayalseema Andhra State, Rs 500 was given through the Chairman of the Village Panchayat at Dehisar in Bombay State A sum of Rs 500 was donated towards the rebuilding of the houses of the Harijans damaged by heavy rains in the Panchmahal District

The U W O also donated a sum of Rs 4,854 to the Bombay State Central Relief Committee in 1953

As there were frequent Sati cases a letter was sent to the Minister of Home Affairs Government of India, requesting him to take necessary steps to stop the occurrence of such cases in the future

The Committee helped in the Flag Day collection

The Women s Saving Week was organized by U W O

Twenty meetings were held in different parts of Bombay City As a result of this Rs 50 300 were collected, and promise and slips totalling Rs 31 000 were in hand

BOMBAY WOMEN'S RELIEF COMMITTEE

Address 1A, Mafatlal Park, Warden Road, Bombay 26

Office bearers

Chairman Mrs Taraben Premchand

Hon Treasurer Mrs Lilavati Banker

Hon Secretary Mrs Kulsum Sayani

During 1953 a sum of Rs 15,380 15 0 was invested in Government of India 3 per cent Loan 1953/55 of the face value of Rs 15,000 The remaining balance as well as the interest accrued till then was utilised for giving scholarships to various students mostly from displaced families studying in Medical Colleges

The committee spent Rs 4 317 9-0 by way of scholarships from January 1, 1948 to December 31, 1952

BOMBAY PRESIDENCY WOMEN'S COUNCIL

Address Town Hall, Bombay 1

Office bearers

President Mrs Shehera F D Nanavati

Vice President Mrs Meenakshi D S Bakhle, *Hon Treasurer* Mrs Padmavati R Saraiya, *Hon Secretary* Mrs Shera S Oomrigar

There are branches in Ahmedabad, Belgaum, Dharwar, Poona and Sholapur

Thirty three societies are affiliated to the B P W C

There are sub committees for

Finance, Rescue, Home Industries Depot, Labour, Parliamentary Affairs, Beggar Problem, Literary Affairs and Education, Children s Holiday Library, Health, Haj and Entertainment

During 1952 53, a Child Welfare conference was organized The Finance Committee organized the Annual Ball and collected Rs 20,000 Out of this sum Rs 10,000 was handed over to the Collector of Bombay President of the Soldiers, Sailors, and Airmen s Board for the benefit of the widows of the men of the Army, Navy and Air Force

A puppet show brought a sum of Rs 1,900

The Rescue Home Committee gave shelter to 188 women and taught them handicrafts A class in Hindi was conducted, domestic employment was found for the inmates The Council also gets them married The total expenditure on the home was Rs 22,760, while total donations and grant in aid amounted to Rs 18 842

The Home Industries Depot sold articles made by women

The Labour Committee continued its welfare work at the Matunga Labour Camp There is a nursery school where children are given milk and refreshment during school hours The Council conducts the affairs of the Scheduled Caste Consumers Co operative Society at the Labour Camp The total expenditure on the Labour Camp was Rs 8 035 while donations received amounted to Rs 2,220

The Parliamentary Sub Committee made an effort to educate the public in the rights and obligations of the citizen A series of talks were organized to educate women as to their rights and duties under the Constitution

A free legal aid bureau was started and free legal advice was given

Regular treats were given to children in the various beggar homes

The Education and Literary committee conducted classes for handicraft and sewing in the servants quarters of the Cama and St George s Hospital

The council runs 11 classes in various parts of Bombay City

The committee spent Rs 1,339 during the year on education

The Children s Holiday Library Committee opened two libraries during the summer vacation The attendance was 25 068 at the Chowpatty centre, and 10,176 at the Matunga centre

The Health sub committee opened two play centres

A child welfare conference was organized at Poona The Poona branch also organizes lectures, dramatics and members also work at Remand Homes

The Dharwar branch organized a baby show

The Ahmedabad branch ran a creche

The Council organized Box collections on Cancer Day and Flag Day

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

This is an international organization with the headquarters in Geneva

Office bearers

President Rani Maharaj Singh

Vice Presidents Mrs John Mathai, Miss Raj Kumari Amrit Kaur, Mrs A N Shukla, Mrs A Azariah

Treasurer Miss Whiting

National Gen Secy Miss O Lawrence

There are branches in north India at

Agra, Allahabad, Naini Tal, Lucknow, Kanpur, Moradabad, New Delhi, Simla, Pathankot

There are branches in Tamilnad at

Coonoor, Ootacamund, Vellore, Coimbatore, Madurai, Nazareth, Calicut, Alleppey, Cochin, Ernakulam, Kottayam, Quilon, Trichur, Trivandrum, Hyderabad and Secunderabad

In western India there are branches at Bombay and Poona

In Madhya Pradesh there are branches at Jabalpur, Nagpur, Bilaspur and Katni

In West Bengal there are three branches In Orissa, Bihar and Assam there are two

The Y W C A has hostels, educational recreational and service projects

The Calcutta Y W C A runs an industrial and welfare centre

In Travancore the Y W C A carries on work in rural areas where they help women with cottage industry

The association runs commercial schools, an employment bureau, secretarial and business training classes

Cultural activities include classes in Hindustani, dress making, cookery, handicrafts, first aid, home nursing, Indian ballroom and folk dancing, talks and lectures of topical interest

Social service includes hospital workers and nurses' club, nursery school, women's classes, creche and hostels, sport, recreation and library

FEDERATION OF UNIVERSITY WOMEN IN INDIA

Address c/o Mrs Perin Naterwalla, Windsor House, Churchgate Reclamation, Bombay 1

Office bearers for 1953-55

President Miss Amy B H J Rustomjee

Vice President Mrs Raksha Saran

Hon Treasurer Mrs D D H Birla

Hon Gen Secy Mrs Perin Naterwalla

There are branches (organized on University basis) in

Bombay, Madras, Nagpur, Delhi, Lucknow, Allahabad and Guntur

One of the chief aims of the Indian Federation is to assist deserving students to pursue their studies

The Delhi branch conducts an adult literacy class

The Madras and Delhi branches have collected money for general relief work

The Lucknow branch has been fighting for accommodation for women students and working women

The Bombay and Allahabad branches are conducting surveys of the working and living conditions of women graduates

Most branches have organized study circles, debates, Brains Trust, meetings, lectures and musical evenings

BOMBAY PRESIDENCY WOMEN GRADUATES' UNION

This is the Bombay Branch of the Federation of University Women in India

Address c/o Mrs Dolly Masani, 146, Queen's Road, Bombay 1

Office bearers

President Miss Amy B H J Rustomjee

Vice Presidents Mrs Deena Ahmadullah, Mrs G Kimber

Hon Treasurer Dr Mrs N F Vakil

Hon Secretaries Mrs Dolly Masani, Miss D M Sidhwa

There were talks by members of the Moral Rearmament Team and lectures on social welfare work

Members participated in International conferences held in India on Planned Parenthood, child welfare and social work

A V W study grants and International Fellowships were awarded to a number of university women in India

The donations received in 1953 amounted to Rs 1,500

BHAGINI SAMAJ

Address Bhagini Samaj, Maganlal Ghia Bldg, 225, Khetwadi Main Road, Bombay 4

Office bearers

President Mrs Lilavati Banker

Secretaries Mrs Bachuben Lotwala, Mrs Chanchalben Ghia

Treasurers Mrs Vidyaben Munim, Mrs Bhanumati Kama

There are branches in

Mandvi, Bhuleswar, Pardeo and Bellasis Road

Harijan welfare centre conducted by the Samaj has a creche, a nursery school, women's literacy and industrial classes, a young men's club and a hostel for adivasi and backward class girls at Udwada

At all centres regular language classes in Hindi, Gujarati and English are conducted and special training is given in tailoring, embroidery and fancy work Typing classes are conducted at the headquarters at Khetwadi

Balmandirs are established at various centres to cater for the educational and cultural needs of little children between three and six years

A dance academy is in being as well as a hostel for working women and a health centre

Scholarships are also given to students

The Samaj has its own volunteer corps of women

SIR RATAN TATA INDUSTRIAL INSTITUTE

Address Hughes Road, Bombay 7

Office bearers

President Lady Nawajbai Ratan Tata

Vice President Lady Jerbai S Billimoria

Hon Gen Secy Mrs Dinbai S Patak

Hon Treasurer Miss Manijeh S Captain

The Sir Ratan Tata Industrial Institute, founded in 1928 by the Trustees of Sir Ratan Tata, is a unique centre raised to the memory of an illustrious member of the famous House of Tata

For 25 years, this Institute has helped to partially solve the problem of poverty and distress among Parsi families from the lower income groups by encouraging girls and women to earn a living through suitable industries

The average number of women employed during 1953 was 197, the wages paid Rs 1,03,857

The amenities provided were towards meals, Rs 27,741, towards conveyance, Rs 3,117, bonus, Rs 14,889, prizes, Rs 910

The departments run by the Institute are Catering, confectionery, laundry, dyeing, hand embroidery, machine embroidery, dress making and sewing

HINDU LAW REFORM

A short note on Hindu Law reform is in order as it concerns the welfare of the women of this country

As a result of increasing consciousness on the part of Indian women of their social and political status, there has in recent years been a move to revise and codify the somewhat vague and contradictory law governing the Hindu home, especially as it affects marriage, divorce, succession to property, etc

In 1937 the Indian Legislature enacted the Hindu Women's Rights to Property Act This Act, for the first time, gave to Hindu widows a right to claim a share in the husband's property and demand partition

Four years later the Government of India set up a Committee to overhaul and codify the Hindu Law This Committee which is known as the Rau Committee, drafted two bills dealing with Hindu intestate succession and Hindu marriage

When the measures came up for consideration by the two Houses of the Central Legislature, a joint committee of the Houses recommended the revival of the Rau Committee with a view to the codification of the entire Hindu Law Consequently the Rau Committee was revived early in 1944 During 1944-45, the Committee made a tour of the country and elicited public opinion on the proposals embodied in the two measures and on the codification of the Hindu Law as a whole They gathered evidence from leading lawyers and representative organisations of various shades of Hindu opinion on a draft Hindu Code prepared by them

During the last five years, the Central and the Provincial Legislatures passed various Acts which aimed at improving the condition of Hindu women

The Hindu Marriage Disabilities Removal Act of 1946 legalises marriages between Hindus belonging to the same Gotra or Pravara

The Hindu Married Women's Right to separate residence and maintenance Act of 1946 enables a married Hindu woman to claim from her husband separate residence and maintenance on certain grounds

The Hindu Marriage Validating Act, 1949 removes the caste barriers from the sphere of marriages and validates even the Pratiloma marriages

The Child Marriage Restraint (Amendment) Act of 1949 raises the marriage age of girls from 14 to 15 years

In the State of Bombay, monogamy is made a rule by the Prevention of Hindu Bigamous Marriage Act of 1946 and dissolution of marriages by divorce is allowed under certain conditions by the Bombay Hindu Divorce Act of 1947

The Madras Legislature passed the Madras Devadasis (Prevention of Dedication) Act in 1947 This Act puts an end to the unhealthy practice of dedicating Hindu women as devadasis to Hindu deities

Bombay Hindu Women's Right to Property Act (Extension to Agricultural Land) extends the application of the Hindu Women's Right to Property Act, 1938 to agricultural land also A similar law has been passed in Madras

Though the Hindu Code Bill has been dropped, the Government of India have introduced in Parliament Bills affecting Hindu Law

The special Marriage Bill of 1951 seeks to replace the Special Marriage Act of 1872, with a view to removing certain defects in the Act

The Hindu Marriage and Divorce Bill of 1952 aims at laying down a uniform law regarding marriage and divorce for all Hindus

The Hindu Minority and Guardianship Bill of 1953 seeks to regularise the law regarding guardianship

A private member of Parliament has introduced in the House a bill aiming at the abolition of the dowry system

The Government of Bombay have introduced a Bill in the Legislative Assembly, providing for registration of marriages

In the state of Madras, there is an Act preventing bigamous marriages and providing for divorce The Act is called The Madras Hindu (Bigamy Prevention and Divorce) Act

A bill has also been introduced in the Legislative Assembly of Madhya Pradesh, aiming at preventing bigamous marriages

THE CO-OPERATIVE MOVEMENT

THERE were 181,189 societies of all types at the end of 1950 51 as against 173,094 societies at the end of 1949 50 In the same period, the membership of primary societies rose from 12 6 million to 13 7 million covering 19 1 per cent of the population The total working capital of all types of societies showed a sizable increase from Rs 233 10 crores to Rs 275 85 crores

There has been a marked increase in the loans advanced by Primary societies, from Rs 60 88 crores to Rs 72 08 crores in Part 'A' States and from Rs 10 49 crores to Rs 11 78 crores in Part 'B States mainly because of the large funds made available by the Reserve Bank Overdues showed a downward trend from 12 6 per cent at the close of 1948 49 and 12 5 per cent at the end of 1949 50 to 11 7 per cent at the close of 1950 51 Still overdues were heavy in Bhopal (99 5%), Manipur (61%), Vindhya Pradesh (54 7%) and Jammu and Kashmir (45%)

At the apex level the increased demand for funds was met out of increased borrowings from the Reserve Bank, Governments and commercial banks which in all amounted to Rs 8 34 crores as against Rs 5 32 crores in the previous year

The year also saw the establishment of an apex bank in Vindhya Pradesh

Individual support to co operative institutions was perceptible in the case of central banks which derived 67 per cent of their deposit from individuals and other sources excluding co operatives

A feature of primary agricultural credit societies was the fall in their number and the rise in their membership

Overdues also showed a rise but were heavier in Bhopal (99 6%), Vindhya Pradesh (58%) West Bengal (57 2%), Jammu and Kashmir (54 5%), and Assam (46 5%)

Out of their total advances of Rs 29 13 crores, Rs 16 84 crores were accounted for by societies in Madras and Bombay

The composition of working capital revealed a high degree of dependence of primaries on central financing agencies, owned funds and deposits representing 42 per cent and 11 per cent of the working capital

In some cases the rates of interest are as high as 15 per cent (as in Uttar Pradesh and Bihar)

Co operative Societies in the long term credit sector are most unevenly distributed among different States More than one half of the States, including many Part B and C States have no land mortgage banks at all And out of a total of 286 primary land mortgage banks for the whole country as many as 129 are in Madras alone Again out of Rs 133 lakhs lent in 1950 51 by central land mortgage banks, 62 per cent was attributable to the Madras Central Land Mortgage Bank alone

Agricultural non credit co operatives had a fairly successful record at the primary level The composition of the working capital of non agricultural credit societies which amounted to Rs 56 78 crores showed a large element of deposits (61 8%) Owned funds were the next largest (30 8%) and loans were only 7 4 per cent

During 1950 51, 3,187 societies were brought under liquidation, while liquidation proceedings came to a close in respect of 4,215 societies

On June 30, 1951 as many as 8,819 societies were under liquidation With liabilities amounting to Rs 217 68 lakhs and assets amounting to Rs 211 7 lakhs The year, however, witnessed an increase in profits of as much as 72 per cent over the previous year

Commenting on the position, the Reserve Bank of India observes "The Co operative movement is not evenly spread nor is it of the same texture and quality everywhere In some States, there is no State Co operative Bank at all, in others considerable re organisation of the apex bank is necessary before it can function efficiently, or again the central or district banks happen to be weak links in the chain In almost all cases of undeveloped areas the primary credit structure is not satisfactory

There are provincial Co operative Institutes in many States These are affiliated to the Indian Co operative Union which in its turn is affiliated to the International Co operative Alliance

The Bombay Institute maintains a Co operative Training College in Poona and regional co operative schools and arranges training classes To the Training College are admitted students from all over India under a training scheme of the Reserve Bank

The movement in each State is administered by the Registrar, who looks to audit and supervision There is however a tendency now to delegate powers of audit to federal organizations Part of supervision is done by Taluka unions

MAIN FACTS

The main position as at the end of 1951 is as follows

Total number of Co operative societies, 181,189 the total number of agricultural societies, 149 568, non agricultural societies, 28,328

If we take the average size of an Indian family as 5 this means that about 68 5 million people were served by co operative society The percentage of the population served works out at 19 1

Total membership, 13 715 020, membership of agricultural societies, 8 734 213 membership of non agricultural societies, 4,980 807

Total number of Central Societies, 520, of supervisory unions, 537 of provincial and central non credit societies, 2,236

Total membership of Central societies, 228 006, membership of supervising unions, 57,082, membership of provincial and central non credit societies, 1 473 203

Total number of Agr Credit Societies 115 462 number of non agr credit societies, 7,810, number of agr non credit societies, 33 815, number of non agr non credit societies, 20,518

Total membership of agr credit societies 51 53 907 membership of non agr credit societies, 21 77 551 membership of agr non credit societies, 33,65,243 membership of non agricultural non credit societies, 28,03,256

Note *All the figures below are in lakhs of rupees*

Working capital (1951 June), 27585 23, Paid up share capital 4345 67 Loans to and deposits from members, 2204 81, Loans to and deposits from societies 1696 73, From Provincial or Central Banks, 4879 From Government, 1169 77, From non members and other sources, 8330 75, Borrowings of land mortgage banks and societies 1304 26, Reserve Fund, 3654 24

Loans to individuals, 8657 Loans repaid by individuals, 7266, Loans outstanding against individuals, 8386, Loans overdue from individuals, 978

LAND MORTGAGE BANKS

The position about central land mortgage banks is as follows (Rs in lakhs)

No of banks, 5, no of individual members, 9,450, no of bank members, 398, share capital, 31 34, funds, 23 35, working capital, 772, loans due at end of year, 597 8

The position about primary land mortgage banks is as follows no of banks, 286, no of members, 2 15,063, share capital 52 51, funds, 16 20, working capital, 665 7, loans due at end of year, 626 4

CENTRAL FINANCING AGENCIES

The Central financing agencies are of two types, the central bank at the headquarters of a district and the provincial bank at the headquarters of the State

The position about provincial banks is as follows (Rs in lakhs) No of provincial banks, 15, no of offices, 127, no of individual members, 8266, no of banks and societies which are members, 12,666, share capital 157 98 reserve fund, 110 5, bad debt reserves, 51 4 other funds, 59 88, working capital, 3442 07 loans to individuals, 772 90 loans to societies, 3,440 4, investments, 1143

The rate of interest on borrowings and lendings varies from State to State

The position about central banks (Rs in lakhs) No of banks 505, no of offices, 759, share capital, 403 9 reserve fund, 242 2, bad debts reserve, 96 0, other funds 141 1, working capital, 5637, no of individual members, 99 592, no of banks and societies which are members, 1 07 482, loans advanced to individuals, 760, loans to societies and banks, 7524 1, investments, 1413

The rate of interest on borrowings and lendings varies from State to State

NON-AGRICULTURAL CREDIT SOCIETIES

The position about the non agricultural credit societies is as follows (Rs in lakhs)

No of societies 7810, number of members 2177 6 lakhs share capital, 1212 3, funds 541 1, working capital 5678, loans due at end of year, 4051, value of goods marketed, 710

NON-CREDIT MOVEMENT

The position about the provincial non credit societies (marketing unions) is as follows (Rs in lakhs)

No of societies, 12, no of individual members, 1247, no of societies which are members, 2 210, share capital, 13 94, funds 68 29, working capital, 617 61, goods sold, 941 48

The position about other provincial non credit societies (whole-sale stores and supply unions) is as follows

No of societies, 4, no of individual members, 225, no of societies which are members, 501, share capital, Rs 24 888, funds, Rs 1,141, working capital, Rs 0 63 lakhs, goods sold Rs 10 59 lakhs

The position about yet other provincial non-credit societies (industrial unions) is as follows (Rs lakhs)

No of societies, 9, no of individual members, 2420, no of societies which are members, 1,063, share capital 15 91, funds, 6 35, working capital, 142 68, goods sold, 478 85

The position about the rest of the provincial non credit societies is as follows (Rs in lakhs)

No of societies, 10, no of individual members, 5,815, no of societies which are members, 6587, share capital, 6 55, funds, 49 02, working capital, 113 72, goods sold, 701 12

CENTRAL NON-CREDIT SOCIETIES

The position is as follows (Rs lakhs)

Total no 2201, no of marketing unions or federations, 1905, whole sale stores and supply unions, 74, Industrial unions, 91, milk unions, 49, other types, 82, no of individual members, 14,06,907, no of societies which are members, 46,228, paid up capital, 206 08 funds, 329 94, working capital, 12,44 67, goods sold, 8607 01

AGRICULTURAL NON-CREDIT SOCIETIES

Total no of societies, 33,815, purchase and sale societies, 10,717, production and sale societies, 5,938, production societies, 11,956,

social services societies, 5142, housing 62, no of members 3365 2 lakhs, share capital Rs 4563 3 lakhs, funds Rs 3431 2 lakhs, working capital, Rs 1654 lakhs, loans made during year Rs 1062 lakhs, value of goods sold, Rs 55,00 lakhs

NON-AGRICULTURAL NON-CREDIT SOCIETIES

Total no of societies, 20,518, purchase and sale societies, 8417, production and sale societies, 6423 production societies, 836, social services societies, 3,206, housing societies, 1613, insurance 23 no of members, 2 8 lakhs, share capital Rs 949 lakhs, funds, Rs 679 lakhs, working capital Rs 3522 lakhs, value of goods sold, Rs 652 lakhs

INSURANCE SOCIETIES

The position of life insurance societies is as follows (Rs lakhs)

No of societies 16 no of members 153,319 no of policies, 132 002, sum assured, 1625, premium income 82 16, life fund, 342 06, assets, 376 30, cost of management, 14 27

SUPERVISING UNIONS

The position about supervising unions is as follows

No of unions 518, societies affiliated 27 881, individual members of societies affiliated, 22 20 lakhs, working capital of affiliated societies, Rs 2958 lakhs

The position about provincial unions and institutes is as follows

No, 19, primary affiliated societies, 27,319, central affiliated societies, 648, individual members, 1228, expenditure in 1950 51, Rs 9 46 lakhs

FIVE-YEAR PLAN

Total allotment—Rs 7 11 crores

It is estimated that by 1956 short-term agricultural credit by the Reserve Bank and the Central Government would amount to Rs 100 crores per annum

For training and experiments in co-operative farming Rs 50 lakhs by Centre

To supplement long term resources of the co operative movement Rs 5 crores by Centre

For starting colleges for training in co operation Rs 10 lakhs

Two recommendations are

In urban areas subsidy should be paid to State Governments to build workers quarters The subsidy may be upto 50 per cent of the total cost

Loans to co operative housing societies for industrial workers upto 37½ per cent of the net cost

FINANCIAL STRUCTURE

The total working capital in the movement on June 30, 1951 was Rs 275 85 crores, composed of owned funds 29 per cent, deposits 40 8 per cent, debentures 2 5 per cent, and loans 25 4 per cent (co operative institutions 15 8 per cent Government 4 2 per cent and other sources 4 3 per cent)

This working capital was spread among different types of institutions as under —

Institutions	No	Working Capital (Rs in lakhs)
Provincial Banks	15	34,42
Central Banks and Banking unions	505	56,37
Primary Agricultural Credit Societies	1,15,462	40,96
Primary Non Agricultural Credit Societies	7,810	56,78
Credit—Total	1,23,792	188 53
Provincial non credit Societies	35	8,75
Central non credit Societies	2,201	12,45
Primary Agricultural non credit Societies	33,815	16,54
Primary non agricultural non credit Societies	20,518	35,22
Non credit—Total	56,569	72 96
Central Land Mortgage Banks	5	7 72
Primary Land Mortgage Banks	286	6 66
Land Mortgage —Total	291	14,38
GRAND TOTAL	180,652*	275,87†

* 537 Societies are supervisory or educational Societies

† Rs 2 lakhs excess due to rounding up of figures to the nearest lakh

*

State	CENTRAL										AGRICULTURAL					
	Provincial and Central Banks and Banking Unions		Non-Credit		Central Land Mortgage Banks		Provincial Unions or Institutes		Supervising Unions		Credit		Non Credit		Primary Land Mortgage Banks	
	No of Societies	Members	No of Societies	Members	No of Societies	Members	No	Members	No	Members	No of Societies	Members	No of Societies	Members	No	Members
Part A States																
Madras	32	23,331	74	33,588	1	698	10	1,907	262	11,081	16,330	13,57,760	3,380	6,48,065	129	1,51,459
Bombay	39	52,713	69	38,142	1	764	1	1,083	192	8,107	9,702	7,27,276	1,334	2,97,672	19	20,009
West Bengal	41	11,310	34	3,511			1				9,523	2,26,374	3,436	2,26,385	3	1,664
Uttar Pradesh	67	25,202	1,862	13,71,744					1	108	26,390	8,50,292	5,735	3,82,188	6	948
Madhya Pradesh	42	43,443	4	2,494			1	55	5	5,923	7,928	1,39,112	981	1,42,098	25	11,750
Punjab	66	14,716	23	1,994							7,157	3,11,166	3,638	2,81,764		
Bihar	50	10,977	77	10,409			1	13,797	1	32	3,468	1,03,428	10,150	4,00,654		
Orissa	23	6,036	3	130	1	4,346	1	909			4,127	1,59,694	84	20,961		
Assam	17	2,022	21	1,139							676	17,543	151	2,554	2	254
Part B, C and D States																
Mysore	4	2,380	7	2,784	1	354	1	891			2,654	96,147	1,471	1,92,455	79	27,274
Hyderabad	48	7,573	5	458			1	10,405			13,828	7 15 060	424	5,14,209		
Madhya Bharat	25	11,992									5,842	1,24,112	65	3,483	1	62
Rajasthan	10	3,600	18	955							1,706	33,256	445	19,307	10	269
Travancore Cochin	2	3,414	9	2,632	1	3,686	2	98	43	2,294	1,141	1,47,794	455	48,945		
PEPSU	14	1,716	2	59							1,012	27,979	121	7,171		
Jammu and Kashmir	9	2,922									1,731	29,647	790	1,20,474		
Saurashtra	1	47									262	14,790	214	12,873		
Ajmer	7	1,747	12	560							548	13,051	52	1,061	12	1,374
Bhopal	13	713							1	21	245	10,453				
Delhi	1	624	2	161							107	2 634	257	14,794		
Coorg	1	1 090	7	2,166					13	321	279	30 373	14	3 211		
Himachal Pradesh	7	378	3	86							680	13,135	112	8,540		
Vindhya Pradesh	1	60	3	96							126	2,831	261	4,731		
Manipur			1	95									238	11,066		
Tripura													3	238		
Andaman and Nicobar Islands													4	344		
Total	520	2,28,006	2,236	14,73,203	5	9 848	19	29,195	518	27,887	1,15,462	51,53,907	33,815	51,53,907	286	2,15,063

State	NON-AGRICULTURAL						TOTALS						
	Credit		Non Credit		Insurance		Total Number of Societies	Total Number of Primary Societies per one lakh in habitants	Total Member ship of Primary Societies	Member-ship of Primary Societies per 1 000 inhabit-ants	Working Capital in the Movement (in Rs)	Working Capital per head (in Annas)	Loans per Member (in Rs)
	No of Societies	Members	No of Societies	Members	No of Societies	Members							
Madras	1,217	5,11,168	2,767	6,60,532	3	53,511	24,205	42 5	33,82,495	59 3	80 32,44,721	230 0	63 8
Bombay	1,531	7,73,345	3,181	3,90,117	7	35,158	16,076	44 8	22,43,577	62 5	82,97,10,922	369 8	157 9
West Bengal	398	2 84,337	1,997	1,65,063	8	34,189	15,441	62 3	9,38,012	37 8	17 78 41 121	114 7	78 4
Uttar Pradesh	649	81,564	1,501	3,90,561			36,211	57 3	17,05,553	27 0	23,03 43,170	58 2	18 9
Madhya Pradesh	279	43,276	937	83,478			10 202	48 1	4,19,714	19 8	9 72 86,089	73 3	99 3
Punjab	498	32,721	2,670	1,17,221			14,052	91 8	7,42,922	48 6	12 52 50,472	130 9	30 4
Bihar	129	47,712	671	84 031	1	21	14,548	36 2	6,35,846	15 8	5 20,40,534	20 6	22 7
Orissa	215	27,341	689	74,465	2	135	5,145	35 2	2,82,596	19 4	4,27,46,014	46 7	26 4
Assam	154	3,094	1 908	2,60 515			2,929	32 5	2,83,960	31 6	1 95,61 196	34 7	0 9
Mysore	611	1,22,912	362	56,034			5,190	57 0	4,94,822	54 4	6 90 90 904	121 4	36 8
Hyderabad	410	72,806	359	1,21,842	2	32,561	15,077	81 1	14,56,478	78 3	10,13 28 235	87 0	26 8
Madhya Bharat	249	30,397	419	18,982			6,601	83 6	1,77,036	22 4	4,13,78,831	83 7	58 7
Rajasthan	141	15 041	821	72,862			3 151	20 6	1,40,735	92 0	2,28,69,833	23 8	30 5
Travancore-Cochin	405	89,434	573	67 172			2,631	28 3	3,53,345	38 0	2,65,24 859	45 6	17 5
PEPSU	148	3,574	156	4,008			1,453	41 5	42,732	12 2	1,54,64,963	70 1	252 7
Jammu and Kashmir	378	6,171	380	13,256			3,288		1,69,548		1,38,56,924		30 2
Saurashtra	42	1,825	248	11,859			767	18 7	41,347	10 1	51,21,432	19 8	30 4
Ajmer	104	6,473	232	11,638			967	138 1	33,597	48 0	82,09,297	187 5	54 6
Bhopal	2	138	4	272			265	33 1	10,863	13 6	14,22,425	28 3	0 9
Delhi	208	16,338	408	26,501			983	57 8	60 267	35 5	1,57,90,316	148 4	47 1
Coorg	23	6,721	19	7,950			356	178 0	48,255	241 2	58,42,339	467 4	49 5
Himachal Pradesh	16	759	25	1 548			843	84 3	23,982	24 0	21 36 783	34 1	35 5
Vindhya Pradesh			73	3,120			464	12 9	10,682	30 2	3,93,628	1 8	2 2
Manipur	2	228	87	4,075			328	54 7	15 369	25 6	7,08,629	18 9	2 1
Tripura			6	415			9	1 5	653	1 1	1,54,650	4 0	
Andaman and Nicobar Islands	1	176	2	114			7		634	21 1	2,35,669	125 6	9 6
Total	7,810	21,77,551	20,495	26,47,681	23	1,55,575	1,81,189	50 6	1,37,15,020	38 3	2,75,85,23,956	123 2	63 1

LABOUR

THE general position in 1950-51 was as follows —

Total working population* about 6,500,000

No employed in factories coming under the Factories Act of 1948 2 468,280

No of trade unions on register 4 277

No of trade unions which submitted returns of membership 2 346

No of members of trade unions submitting returns 2,022,434

According to lists submitted by four leading trade union organizations the number of unions affiliated and of membership for 1950 and 1951 were as follows —

	No of Unions		Membership	
	1950	1951	1950	1951
Indian National Trade Union Congress	1 043	1 220	1 431,878	1,568 668
All India Trade Union Congress	722	736	730 636	758 314
Hind Mazdoor Sabha	460	517	698 720	774 263
United Trade Union Congress	306	332	366,401	384,962

During the year under review 1952 53 one significant development was a change in Government policy in regard to industrial relations The new Labour Minister of the Government of India is due to introduce a fresh bill wherein the emphasis will be more on negotiation and agreement between the employers and labour than on awards or decisions by Tribunals

Allotment under the Five Year Plan Rs 6 9 crores

The inauguration of the Employees State Insurance Scheme in Kanpur and Delhi and the Employees Provident Funds Scheme in selected industries has ushered in a new era for the industrial workers

Although employment opportunities in the jute and cotton textiles increased during the year there was a recession in the plantations resulting in large scale retrenchment and closures, particularly in Assam and Bengal

The Planning Commission devoted considerable thought to policies and programmes for industrial development Health, education housing and social welfare for the masses find prominent place in the First Five-Year Plan The Government of India finalised their scheme of subsidised industrial housing and made generous provision in their budget for the purpose The most welcome feature of the period under review was the marked improvement in the labour situation and an all round increase in industrial production

The Central co ordinating authority in India for questions connected with labour legislation is the Ministry of Labour of the Government of India with the Labour Minister in charge The administration of matters connected with the English and Indian Merchant Shipping Acts, the Mercantile Marine Department and Indian Seamen is with the Ministry of Transport In respect of all the Railways, the Labour Minister is responsible for the administration of the Payment of Wages Act, 1936, trade disputes, hours of work for employees not covered by the Factories Act and regulation of employment of children He is also responsible for regulation of labour and safety in respect of mines and oilfields, trade disputes in industries, businesses or undertakings carried on by the Central Government, and inter State migration

Among the more important Acts that govern labour conditions and relations in India are the following 1 Indian Factories Act, 1948, 2 Indian Mines Act, 3 Payment of Wages Act, 4 Minimum Wages Act, 5 Workmen s Compensation Act, 6 Maternity Benefit Acts (States) 7 Indian Trades Union Act, 8 Industrial Disputes Act Industrial Disputes (Appellate Tribunal) Act 9 Tea Districts Emigrant Labour Act 10 Shop Assistants Acts (States), 11 Employees State Insurance Act and 12 Industrial Statistics Act

FACTORIES ACT, 1948

The Act covers all industrial establishments employing 10 or more workers and using power and establishments employing 20 or more workers and not using power The State Governments have been empowered to apply the provisions of the Act to any premises, irrespective of the number of persons employed where a manufacturing process is carried on with or without the aid of power, except where the work is done by the worker solely with the aid of his family

The Act prescribes that every factory should be kept clean and free from effluvia arising from drains privies etc , and lays down stipulations regarding sweeping cleaning, disinfecting, white washing, ventilation, temperature, drinking water latrines, etc

In existing factories 350 cubic feet of space should be provided for every workman In new factories to be built the space for each workman shall be 500 cubic feet

Elaborate provision regarding safety such as fencing of machinery, etc , has been laid down Women and children are prohibited from employment on certain types of machinery

Washing facilities for the workers, appliances for first aid, rest shelters, creches canteens etc , are prescribed under the Act In every factory where 500 or more workers are employed the occupier shall employ Welfare Officers

Weekly hours of work have been fixed at 48 and daily hours at 9 The maximum spread over allowed is 10½ hours No worker shall work for more than 5 hours before he has had an interval for rest of at least half an hour Payment for overtime has been prescribed at double ordinary rate of wages No woman shall be employed in any factory except between the hours of 6 a m and 7 p m A weekly day of rest has also been prescribed

No child who has not completed his fourteenth year shall be required or allowed to work in any factory A child who has completed his fourteenth year or an adolescent (a person who has not completed his eighteenth year) shall not be allowed to work in a factory unless a certificate of fitness by a certifying surgeon is in the custody of the manager of the factory and he carries while at work a token giving reference to such certificate No child shall be employed or permitted to work in any factory for more than 4½ hours in a day or between the hours of 7 p m and 6 a m

Every adult worker who has completed a period of 12 months continuous service in a factory shall be allowed during the subsequent period of 12 months leave with wages including dearness allowance for a period calculated at the rate of one day for every 20 days of work performed by him during the previous 12 months subject to a minimum of 10 days In the case of children the leave should be at the **rate of one day for every 15 days of work subject to a minimum of 14 days**

Where any worker in a factory contracts any disease specified in the schedule appended to the Act the manager of the factory shall send notice thereof to such authorities and in such form and within such time, as may be prescribed

The administration of the Act is left to the State Governments The Central Government have set up an advisory organisation, namely the Office of the Chief Adviser Factories

A Factories Act (Amendment) Bill was introduced in the Council of States by the Labour Minister on September 3 1953

According to this Bill the meaning of 12 months continuous service for eligibility for leave with pay would be 240 days service during a calendar year Proportionate leave will be granted to those whose service starts after the beginning of the calendar year

The annual leave with wages will be exclusive of holidays during or immediately before or after the period of leave

The leave can be carried forward from one calendar year to another provided the maximum does not exceed 30 days in the case of an adult and 40 days in the case of a child

No prior notice will be necessary when a worker requires leave to cover a period of illness

The Bill permits six hours work at a stretch without any interval when the total number of hours to be worked on any day in a shift does not exceed six

The Bill also permits newspaper printing presses to work their entire night shift of six hours at a stretch

It allows a worker a maximum of 50 overtime hours in a quarter year which is deemed to have begun on the first day of January, April, July or October

It enables continuous employment of workers in case some of the subsequent shift workers do not turn up in time

For the purpose of computing the rate of wages of a person who takes advantage of the concessional sale of foodgrains and other articles the basis will be the maximum ration admissible to a standard family of a specific number of consumption units

Women and children will be prohibited from working in factories at night

Women and children will also be prohibited from cleaning, lubricating or adjusting any prime mover of transmission machinery while it is in motion if such work exposes them to risk of injury

Certain presses including Government presses will come within the purview of the Factories Act

* For sub divisions see under Population '

FACTORY STATISTICS

Under the provisions of the Factories Act, 1948, registered factories submit annual and half yearly returns on employment to the Chief Inspectors of Factories in the various States All India figures are compiled by the Labour Bureau and are published in the *Indian Labour Gazette*

The number of factories on registers during 1950 and 1951, was 31,859 and 35 343 respectively

The following table sets out the statistics of the average daily numbers of persons employed in factories during the year 1950

WORKERS EMPLOYED 1950*

(Section 2m(i) and 2m(ii) factories only)

Industry	Average Number of Workers Employed Daily
Processes allied to agriculture (Ginning and Pressing)	83 701
Food except beverages	319,410
Beverages	5 579
Tobacco	108 301
Textiles	1,020 239
Footwear, other wearing apparels and made up textile goods	8,429
Wood and Cork except furniture	21 954
Furniture and fixture	6 794
Paper and paper products	19 999
Printing publishing and allied industries	69,290
Leather and leather products (except footwear)	13 473
Rubber and rubber products	29 829
Chemical and Chemical products	63 670
Products of petroleum and coal	12 790
Non metallic mineral products (except products of petroleum and coal)	10 978
Basic metal industries	93 738
Manufacture of metal products (except machinery and transport equipment)	53 495
Manufacture of machinery (except electric machinery)	94 374
Electrical machinery apparatus appliances and supplies	26 066
Transport equipment	181 294
Miscellaneous industries	107 633
Electricity gas and steam	21 989
Water and sanitary services	3 852
Recreation services (Cinema Studio)	4 150
Personal services (Job dyeing dry cleaning etc)	1 253
Total	2 405 280

* Industry wise classification for 3 049 factories employing 36 119 workers under Section 85 of the Factories Act is not available

MINES ACT

With a view to amending and consolidating the law relating to the regulation of labour and safety in mines the Mines Act 1952 was passed and brought into force from July 1952 The Act extends to the whole of India except Jammu and Kashmir The Act restricts the hours of work for adults to 9 per day and 48 per week above ground and 8 per day and 48 per week below ground Overtime work below ground should be paid for at twice the ordinary rate and above ground at 1½ times the ordinary rate The Act prohibits the employment of children below 15 years of age It also prohibits the employment of women in any part of a mine which is below the ground level Women can be employed above ground only between the hours of 6 a m and 7 p m Adolescents who have not completed 18 years of age are not allowed to work underground unless they are certified fit to work as adults Adolescents not certified fit to work as adults should not be allowed to work for more than 4½ hours a day Annual leave with wages for a period of 14 days in a year in the case of monthly paid employees and 7 days in the case of weekly paid employees and piece workers is granted to the workers Provisions relating to health and safety are laid down in the Act, besides which the Central Government may direct that the Health and safety provisions under the Factories Act, 1948 shall apply to all mines and the precincts thereof

MINING STATISTICS

Figures are published in a Monthly Bulletin which is being issued by the Chief Inspector of Mines We set out the available figures in the following table —

EMPLOYMENT IN MINES

(Figures for the Indian Union)

State	1939	1948	1949	1950
Bihar	170 384	238 727	232,673	239,994
West Bengal	60,965	89,141	90,231	92,074
Madhya Pradesh	41,666	42,259	53,277	69,330
Madras	14,549	15,612	17,502	15,961
Others	11,086	10,126	27 476	58,397
Total	298,650	395 865	421,159	471,761

PAYMENT OF WAGES ACT

The Act applies only to wages and salaries which average below Rs 200 per month

For purposes of the Act wages means all remuneration capable of being expressed in terms of money and includes any bonus or additional remuneration but does not include travelling allowances employers contribution to provident funds gratuities payable on discharge or the value of housing or other services rendered to the worker

No wage period is to exceed one month and wages are to be paid within a prescribed time not exceeding 10 days from the end of the wage period All wages are to be paid in coin and or currency notes Fines are not to exceed half anna in the rupee Permissible deductions from wages have also been specified

The administration of the Act, as far as factories are concerned has been entrusted to the Inspectors of Factories in the States In regard to persons employed in mines and in railways the responsibility of administering the Act rests upon the Chief Labour Commissioner (Central)

MINIMUM WAGES ACT, 1948

The Act covers the following industries or types of establishments Woollen carpet making or shawl weaving rice flour or dal mills tobacco manufactories (including bidi making) plantations oil mills, employment under any local authority road construction or building operations, stone breaking or stone crushing fire manufactories mica works, public motor transport, tanneries and leather manufactories and agriculture * The appropriate Governments can extend the application of the Act to any industry wherein, in their opinion, minimum wages should statutorily be fixed

The Act requires the Central or State Governments, as the case may be, to fix minimum rates of wages payable to persons employed in the industries mentioned above

The Act provides for the fixation of minimum time rates, minimum piece rates, guaranteed time rates and overtime rates appropriate to different occupations, or localities and for adults, adolescents, children and apprentices The minimum rate may consist of a basic rate and a cost of living allowance and/or cash value of concessions or it may be an all inclusive rate

The Act authorises the appropriate Governments to appoint Committees and Sub Committees to hold inquiries and advise them to fix minimum rates of wages in respect of any scheduled employment or for the revision of these rates They may also appoint an Advisory Board for co ordinating the work of various Committees and also to advise Government generally in the matter of fixing or revising minimum rates of wages The Central Government is to set up a Central Advisory Board for advising the Central and State Governments and for co ordinating the work of State Advisory Boards The Committees and Sub-Committees as well as the Central and State Advisory Boards are to consist of equal number of representatives of employers and employees, and of independent persons not exceeding a third of the total number of members

The Central or the State Governments, as the case may be, can fix the number of hours of work per day provide for a weekly holiday, etc, in regard to any employment in which minimum wages have been fixed under the Act

* The Act lays down that this should come into force before 1954 Upto December 1, 1953 eight States had not yet fixed minimum wages for agricultural labour These States are Bihar (except in Patna District), Uttar Pradesh, Madhya Pradesh, Hyderabad, Mysore, West Bengal Pombay, Madhya Bharat

Minimum wages have been fixed under the Act in several States. The two Statements showing the wages fixed in respect of various industries in each State are given below —

Minimum Wages Fixed Per Day.

Table I

State	Rice, Flour or Dal Mills		Road Construction and Building Operations		Oil Mills		Stone Breaking or Stone Crushing		Tanneries and Leather Manufactories		Local Authority		Motor Transport		Tobacco Manufactories	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p
Assam	1 8 9 to 1 11 9	—	—	—	1 8 7 to 1 11 9	—	—	—	—	—	—	—	1 13 0	—	—	—
Bihar	1 8 7	—	1 8 7	—	1 8 7	—	1 4 0	—	2 6 0	—	25 0 0 to 27 0 0 p m	—	1 12 0	—	0 12 0 to 2 8 0 per 1 000 bidis	—
Bombay	1 8 9 to 2 5 0	—	1 12 0 to 2 6 0	—	1 8 9 to 2 5 0	—	1 8 9 to 2 5 0	—	1 8 9 to 2 5 0	—	—	—	1 8 9 to 2 5 0	—	1 14 0 to 2 8 0 per 1 000 bidis	—
Madhya Pradesh	0 12 0 to 1 0 0	0 8 0 to 0 12 0	0 9 0 to 1 0 0	0 7 0 to 0 10 0	1 2 0 to 1 4 0	—	0 9 0 to 1 0 0	0 7 0 to 0 10 0	1 3 0	—	0 12 0 to 1 0 0	0 8 0 to 0 12 0	1 4 0	—	0 10 0 to 1 6 0 per 1 000 bidis	—
Madras	0 12 0	—	0 13 0 to 0 14 0	—	1 0 0	—	1 6 0	—	1 0 0 to 1 8 0	—	25 0 0 to 40 0 0 p m	—	1 8 0	—	1 2 0 per 1 000 bidis	—
Orissa	1 0 0	—	0 12 0 to 1 0 0	0 8 0 to 0 12 0	—	—	0 12 0 to 1 0 0	0 8 0 to 0 12 0	—	—	—	—	1 2 4	—	1 6 0 per 1 000 bidis	—
Punjab	1 12 0	—	1 12 0	1 8 0	1 12 0	—	1 12 0	1 8 0	1 12 0	—	40 0 0 to 60 0 0 p m	—	0 12 5	—	—	—
Uttar Pradesh	1 0 0	—	1 0 0	—	1 0 0	—	1 0 0	—	1 0 0	—	17 8 0 to 30 0 0 p m	—	1 0 0	—	1 0 0	—
West Bengal	0 13 6 to 1 2 0 and 1 2 6	0 11 6 to 0 12 0	1 4 0 to 2 0 0	0 14 0 to 1 12 0	1 13 6 to 1 14 9 (includes D A)	1 7 2 to 1 8 7	—	—	1 15 6	—	10 0 0 to 52 8 0 p m	11 0 0 to 30 8 0 p m	2 1 10	—	1 12 0 to 2 4 0 per 1 000 bidis	—
Mysore	1 0 0	0 12 0	1 0 0	0 12 0	1 0 0	0 12 0	1 0 0	0 12 0	1 5 1 (includes D A)	1 1 5	35 0 0 (includes D A)	30 0 0	1 8 7	—	1 6 0 per 1 000 bidis	—
Rajasthan	1 2 0	—	1 2 0	0 12 0	1 2 0	—	1 2 0	0 12 0	—	—	1 2 0	—	1 4 0	—	1 2 0	—
Saurashtra	1 4 0 to 2 0 0	—	1 2 0 to 1 12 0	—	1 8 0 to 2 0 0	—	1 8 0	—	—	—	1 6 0 to 1 12 0	—	1 0 0	—	2 0 0 to 2 8 0 per 1 000 bidis	—
Delhi	1 14 0 to 2 1 2	—	1 12 0	1 8 0	—	—	1 12 0	1 8 0	—	—	1 11 0 to 2 2 6	—	2 0 0	—	—	—
PEPSU	1 12 0	—	1 0 0	—	—	—	1 12 0	—	—	—	—	—	—	—	—	—
Bhopal	—	—	1 0 0 to 1 4 0	—	—	—	1 4 0	1 0 0	—	—	0 8 0 to 1 0 0	0 12 0 to 1 0 0	—	—	1 4 0 to 1 8 0	—

Minimum Wages Fixed Per Day—*Contd*

Table II

State	Mica		Agriculture		Local Manufactories		Plantations		Woollen Carpet Weaving per day		Cement		Potteries		Glass	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p
Bihar	1 5 9 1 4 6(*a*)	—	1 in 16 harvest	of the (kind)	1 4 0	1 0 0	0 12 0 to 1 6 0	—	1 12 0	—	—	—	—	—	—	—
Madras	1 0 0 1 4 0(*a*)	—	—	—	—	—	1 0 0 to 1 8 0	—	1 0 0	—	—	—	—	—	—	—
Ajmer	1 8 0	—	0 12 0 to 1 0 0	—	—	—	—	—	—	—	—	—	—	—	—	—
Rajasthan	1 4 0	0 12 0	—	—	—	—	—	—	1 2 0	—	—	—	—	—	—	—
Orissa	—	—	0 10 0 to 0 12 0	0 8 0	—	—	—	—	—	—	—	—	—	—	—	—
Punjab	—	—	1 0 0 to 1 12 0	0 12 0 to 1 8 0	—	—	0 11 0	0 8 6	1 8 0	—	—	—	—	—	—	—
Delhi	—	—	1 8 0 to 2 8 0	1 4 0 to 1 8 0	—	—	—	—	—	—	—	—	—	—	—	—
Madhya Pradesh	—	—	—	—	0 15 6	0 11 6	—	—	—	—	1 6 0	1 4 0	1 6 0	1 2 0	1 8 0 to 1 12 0	—
Uttar Pradesh	—	—	—	—	1 0 0	—	1 0 0	—	—	—	—	—	—	—	—	—
Assam	—	—	—	—	—	—	0 15 0 to 1 2 0 (including D A)	0 14 0 to 1 0 0	—	—	—	—	—	—	—	—

(*a*) Casual

WORKMEN'S COMPENSATION ACT

Under the Act payment of compensation has been made obligatory on all employers whose employees come within its scope, and injured workmen or the dependents of those killed can obtain compensation in all cases where personal injury has been caused by accident *arising out of and in the course of employment* and where, except in the case of injury resulting in death, the accident is not directly attributable to the workman having been at the time of the accident under the influence of drink or drugs or to wilful disobedience of rules or orders or wilful disregard of safety devices

Besides bodily injuries the contracting of certain occupational diseases such as anthrax and mercury lead and phosphorus poisoning were deemed and treated for the purposes of compensation, as injuries caused by accident, provided however that the worker concerned was in the service of the same employer for more than six months

The main provisions of the Workmen's Compensation Act as it stands today are as follows

In all cases persons employed in an administrative or clerical capacity and those whose monthly earnings exceed Rs 400 (except Railway Servants) are excluded

As far as seamen are concerned those employed on ships registered in India are covered But if accidents take place within the three mile limit of the territorial waters the Act applies even to those employed on ships not registered in India

Not only workmen employed within the precincts of a factory or a mine but also men engaged in any kind of work incidental to or connected with a factory or any mining operation are entitled to the benefits of the Act

Any person who is covered by the Employees State Insurance Act 1948, and who is entitled to receive disablement or dependent's benefit from the Employees State Insurance Corporation is not entitled to claim any compensation from the employer under this Act

The amount of compensation payable depends in the case of death on the average monthly wages of the deceased workman and in the case of an injured workman both on the average monthly wages and the extent of disablement The term wages includes overtime pay and the value of any concessions or benefits in the form of food, clothing, free quarters, etc

The amounts of compensation payable in the case of an injured workman whose monthly wages are not more than Rs 10 are Rs 500 for death, Rs 700 for permanent total and half the monthly wages for temporary disablement For a workman whose monthly wages are between Rs 50 and Rs 60 the corresponding figures are Rs 1,800 Rs 2,520 and Rs 15 respectively The maxima for persons earning over Rs 300 per month are Rs 4 500, Rs 6,300 and Rs 30 per month respectively In the case of minors the amounts of compensation for death and for permanent total disablement are at a uniform rate of Rs 200 and Rs 1,200 respectively, and half the monthly wage for temporary disablement

The interests of dependents in cases of fatal accidents have been safeguarded by ensuring that (1) all cases of fatal accidents should be brought to the notice of the Commissioner, (2) in all cases where an employer admits liability the amount of compensation payable is to be promptly deposited with the Commissioner and (3) in cases where the employer disclaims liability and there are good grounds for believing compensation to be payable, the dependents get the information necessary to enable them to judge if they should make a claim or not

An employer is permitted to make to any dependent advances on account of compensation not exceeding an aggregate of one hundred rupees

The Act is administered by Commissioners appointed by State Governments

STATISTICS

An annual note on the working of the Act is published regularly in the *Indian Labour Gazette*

The latest available statistics on the subject will be found in the following table —

Year	Total number of cases	Total compensation paid
		Rs
1940	41 015	19 38,476
1941	39 045	15 84 293
1942	44 443	18 69,359
1943 *	44 826	22,83 991
1944 †	31,581	16,96 494
1945	67,390	42,25,339
1946 ‡	55,241	36,25,808
1947 ¶	53 574	33 26,495
1948	66 776	42,20 068
1949	92,763	44 26 218
1950	15 462	44 59 504

* Excludes figures for Bombay
† Excludes figures for Bombay and Madras
‡ Excluding Punjab and Sind
¶ Excluding figures for Punjab

Facilities for *accident insurance* are now being provided by a number of leading insurance companies in the country and the most important of these are the Claims Bureau in Calcutta and Madras

The Millowners Mutual Insurance Association, Ltd, Bombay, is an organisation of employers one of whose objects is the mutual insurance of members against liability to pay compensation or damages to workmen employed by them

MATERNITY BENEFIT ACT

The first Maternity Benefit Act in India was passed by the Government of Bombay in 1929 Since then, Maternity Benefit Acts have also been passed in the States of Madras, old undivided Bengal, Assam old undivided Punjab, Bihar Madhya Pradesh and Uttar Pradesh The Bombay Act was with certain modifications extended to Ajmer and Delhi In the year 1948 the West Bengal Legislature passed a separate Act for women employed in tea plantations under the title of the Bengal Maternity Benefit (Tea Estates) Act 1948 Except for the Assam Maternity Benefit Act which covers women employed in both factories and on plantations and the Bengal Act, all the other Maternity Benefit Acts are applicable to women employed in factories only

The Mines Maternity Benefit Act was passed in 1941

The main principles in all Maternity Benefit Legislation are the same provision for the payment of a cash benefit to women for specified periods before and after childbirth, a compulsory period of rest after delivery and also before delivery if notice is given, but, in the latter case, the period for which an employer has to pay cash benefit is strictly limited All Acts specify a qualifying period for the earning of the benefit this varies from six months to a year Women are prohibited, under penalty from accepting employment under another employer during periods for which they are in receipt of cash benefit from the employer with whom this liability rests

In the Central Act for women employed in Mines and in the U P Act additional bonuses of Rs 3 and Rs 5 respectively are provided for if the services of a qualified midwife are availed of, but if such assistance is provided for by or in an institution of an employer, this bonus is not to be paid

In U P and Bihar the Acts lay down that factories employing a certain number of women should maintain creches and appoint health visitors for looking after the welfare of the women workers

The Assam Act has certain provisions which are not met with in the other State Acts and the Central Government's Mines Maternity Benefit Act One such provision is that no employer shall knowingly employ a woman in any job during the four weeks immediately preceding the day of her delivery save upon such suitable light work as may be recommended by a medical practitioner

The Act provides for the payment of maternity benefit at weekly rates unlike the daily rates found in the other Act It provides for payment— (*a*) on plantations at the rate of Re 0 11 6 per day in addition to the usual food concessions for a period of 8 weeks and (*b*) in employments other than plantations Rs 2 per week or the average weekly wage or salary subject to a minimum of Rs 2 per week

The Indian Tea Association has however recommended payment of maternity benefit at the rate of Rs 5 4 0 a week for eight weeks Although maternity benefit legislation does not apply to plantations in South India, the employers associations have recommended payment of benefit on a voluntary basis at the rate of 12 annas per day for a period of eight weeks

The qualifying period in the Central and in the U P Acts is six months and in the Ajmer Act twelve months In all the remaining Acts it is nine months The maximum period for which maternity benefits can be paid is six weeks under the Ajmer Act seven weeks under the Madras Act sixty days under the Punjab Act and eight weeks under all the other Acts The rate of benefit used to be eight annas per day or the average daily wage whichever was less in most Acts but many Acts are now adopting a uniform eight annas a day The Punjab Act gives average daily earnings or twelve annas per day whichever is greater

TRADE UNIONS ACT, 1926

This Act was brought into operation with effect from 1st June 1927 and was slightly amended in 1928

Apart from the necessary provisions for administration and penalties, the Indian Trade Unions Act 1926, makes provision for three matters (1) conditions governing the registration of trade unions (2) the obligations to which a trade union is subject after registration, and (3) the rights and privileges accorded to registered unions Trade Union has been defined in such a way as to cover both combinations of workers and of employers but not of workers and employers Persons under the age of 15 are debarred from membership of any registered union

The administration of the Act is entirely on a State basis and each State Government is required to appoint a Registrar of Trade Unions Any seven or more members of a union can apply for registration but no union can be registered unless at least fifty per cent of the executive consist of members actually engaged in the unit or group of units which the union proposes to cover

Any union aggrieved by the refusal of a Registrar to register it or by the cancellation of its registration may prefer an appeal to a judge appointed by the State Government for the purpose and in the event of the dismissal of such an appeal, the aggrieved party has the right of a further appeal to the High Court

The general funds of registered trade unions cannot be spent on objects other than those specified in Section 15 of the Act nor on political objects but the Act makes provision for the creation of a separate political fund, subscription to which may be collected from such members as voluntarily desire to contribute to it All registered unions are required to submit annually to the Registrar duly audited statements of accounts in prescribed forms together with changes in officers and the executive and a copy of the rules corrected up to date

A registered trade union is immune from prosecution for criminal conspiracy in respect of an agreement unless it is one to commit an offence made between its members for the furtherance of a trade dispute or for restraint of trade and from any legal difficulties arising therefrom

STATISTICS OF TRADE UNIONS

All-India Figures—The following tabular statements show the latest available position in regard to Registered Trade Unions —

REGISTERED TRADE UNIONS

	No of Unions on registers		No of Unions submitting returns		Membership of Unions submitting returns	
	1949 50	1950 51*	1949 50	1950 51*	1949 50	1950 51*
Central Unions	65	43	47	30	175,394	141 981
Part A States—						
Assam	67	61	39	35	118 188	112,736
Bihar	392	460	197	218	183 060	165,627
Bombay	460	597	360	370	417 642	352,191
Madhya Pradesh	109	98	74	60	48,436	39 332
Madras	590	680	183	276	116 569	174 608
Orissa	83	44	31	26	23 286	16 097
Punjab	41	79	41	53	14 400	10 314
Uttar Pradesh	528	570	334	381	218 067	195 696
West Bengal	1 155	965	545	477	489 158	510 626
Total (Part A States)	3 385	3 454	1,804	1,896	1 628 806	1,577 227
Part B States—						
Hyderabad	87	54	46	51	25 409	15 611
Madhya Bharat	22	33	15	25	18 971	21,069
Mysore	34**	29**	33**	29**	33 706**	29,927**
Rajasthan	35†	52	16†	19	12 127†	17 529
Saurashtra	28	33	28	33	11 408	18 887
Travancore Cochin	56	481	56	172	32,548	111 732
Total (Part B States)	262	682	194	329	134,169	214,755
Part C States—						
Ajmer	15	18	15	17	5,684	6,462
Bhopal	3	7	3	5	797	1,227
Coorg	3	2	3	2	497	564
Delhi	60	71	60	67	31,412	80,218
Total (Part C States)	81	98	81	91	38,390	88 471
Grand Total	3 793	4,277	2,126	2,346	1 976 759	2 022,434

* Provisional

**Figures relate to the year ending 31st December

† Figures relate to the period October 1949 to September 1950

INDUSTRIAL DISPUTES ACT

The Act provides for setting up of two types of organisations namely, (1) Works Committees and (2) Industrial Tribunals for the prevention or settlement of disputes It makes conciliation compulsory in all disputes in public utility services and optional in other cases

Section 22 of the Act declares any strike or lock out in a public utility service to be illegal if it is commenced or declared (i) without giving to the employer or employees, as the case may be, a notice of strike or lock out in a prescribed manner, within six weeks before striking or declaring a lock-out, or (ii) within 14 days of giving such notice, or (iii) before the expiry of the date of strike specified in any such notice, or (iv) during the pendency of any conciliation proceedings before a conciliation officer and 7 days after the conclusion of such proceedings, etc The Act also prohibits certain other strikes and lock outs and declares them illegal if commenced or declared during the pendency of (i) conciliation proceedings before a Board and 7 days after the conclusion of such proceedings, (ii) proceedings before a Tribunal and 2 months after the conclusion of such proceedings, or (iii) during any period in which a settlement or award is in operation, in respect of any of the matters covered by the settlement or award

The Industrial Disputes (Amendment) Bill of 1953 passed by both the Houses of Parliament provides for payment of compensation to workmen in the event of their lay off or retrenchment

According to this Bill a workman who has been in continuous employment for not less than one year under an employer should not be retrenched till he has been given one month s notice in writing or one month s wages in lieu of such notice and also a gratuity calculated at 15 days' average pay for every completed year of service or any part thereof in excess of six months

Regarding compensation for workmen laid off whenever a workman whose name appears on the muster rolls and who has completed not less than one year of continuous service under an employer is laid off he should be paid by his employer for all the days during which he is laid off (except for such weekly holidays as may intervene) compensation which should be equal to 50 per cent of the total of basic wages and dearness allowance

The compensation so paid during a period of 12 months should in no case be more than 45 days

A laid off worker who is not re employed after the stipulated 45 day period will be entitled to further compensation But the employer has the option to retrench such a worker the lay off benefits being taken into account in determining the amount of the retrenchment compensation payable

A laid off worker may accept a part time job without losing his title to compensation, provided he presents himself for work before his original employer for not less than two hours per day

Any money due from an employer by way of wages and (or) compensation is liable to be recovered in the same manner as arrears of land revenue

STATISTICS

The following table sets out the number of disputes in some of the years since 1945, the number of persons affected by these disputes and the total time lost in man days

Year	Number of disputes	Number of workpeople involved	Number of man days lost
1945	820	747,530	4,054,499
1946	1,629	1,961,948	12,717,762
1947	1,811	1,840,784	16,562,666
1948	1,259	1,059,120	7,887,178
1949	920	685,457	6,600,595
1950	814	719,883	12,806,704
1951	1,071	691,321	3,818,928
1952	963	809,242	3,336,961
Jan	95	305,831	674,340
Feb	88	63,180	215,607
March	87	42 430	142,493
April	134	59,437	234,346
May	118	80 093	254,885
June	101	59,381	257,062
July	82	40 754	171,263
Aug	88	48,585	148,583
Sept	96	57,875	400,552
Oct	96	78,181	349,618
Nov	87	48,766	273,245
Dec	81	27,525	155,017

Statistics presented in this section relate to industrial disputes which have resulted in work stoppages involving 10 or more workers.

All the monthly figures are provisional

APPELLATE TRIBUNAL ACT, 1950.

The divergent and sometimes conflicting decisions given by the various Tribunals set up in different States under the Industrial Disputes Act, 1947 created serious anomalies leading to discontent and bitterness among parties to industrial disputes To meet this situation the Government of India enacted the Industrial Disputes (Appellate Tribunal) Act, 1950 to enable them to set up a Labour Appellate Tribunal which would hear appeals from awards or decisions of Industrial Tribunals, Industrial Courts, Wage Boards, and other statutory bodies set up by the Central or State Governments to adjudicate on industrial disputes

The Appellate Tribunal consists of a Chairman and such number of other members as the Government may from time to time, think fit to appoint The Chairman is authorised to constitute as many benches of the Appellate Tribunal as he may consider necessary Each bench is to consist of not less than two members, one of whom is to be appointed as the President The Appellate Tribunal is empowered to hear appeals from any award or decision of an adjudicating authority if (i) the appeal involves any substantial question of law, or (ii) the award or decision relates to wages, bonus or travelling allowance employers contribution to any pension or provident fund, gratuity payable on discharge, classification by grades, retrenchment and any other matter which may be prescribed by rules made under the Act No appeal, however, can be preferred by any party (i) from any award made by the Industrial Tribunal appointed by the Government of India in June 1949 to decide industrial disputes in banking companies, (ii) from any award or decision of a Tribunal made with the consent of parties, (iii) from any settlement arrived at between the parties in the course of conciliation proceedings or (iv) from any decision of an arbitrator appointed under any law with the consent of parties to settle the dispute

The Act provides that all appeals should be preferred within 30 days from the date of publication of the award or decision or, where no provision for the publication of the award has been made, within 30 days from the date of making the award The decision of the Appellate Tribunal becomes binding on the expiry of 30 days from the date of their pronouncement The appropriate Government can however, reject or modify any decision before the expiry of the period of 30 days, if they feel that it would be inexpedient on public grounds to give effect to the whole or any part of the decision In all such cases the Government concerned should place the decision together with their reason for rejecting or modifying it before the Legislature concerned

During the period of 30 days allowed for filing the appeal or during the pendency of an appeal no employer shall alter the conditions of service to the prejudice of the workmen concerned nor shall he discharge or punish any such workman without obtaining the written permission of the Appellate Tribunal

TEA DISTRICTS EMIGRANT LABOUR ACT

The Tea Districts Emigrant Labour Act, 1932, was brought into effect from the 1st October 1933

State Governments are empowered, subject to the control of the Government of India to impose control over the forwarding of assisted emigrants (chapter III) or over both their recruitment and their forwarding as occasion may dictate (chapters III and IV)

The forwarding of recruits to Assam must be made through the prescribed routes where arrangements for feeding, rest and medical treatment have been made and by authorised forwarding agents It is made unlawful to assist persons under 16 to migrate unless they are accompanied by their parents or guardians A married woman who is living with her husband may only be assisted to emigrate with the consent of the husband

Repatriation.—It is provided that where an employer fails to make all the necessary arrangements for the repatriation of a worker within fifteen days from the date on which a right of repatriation arises to an emigrant labourer, the Controller may direct the employer to despatch such labourer and his family or to pay him such compensation as may be prescribed within such period as the Controller may fix (sections 13 and 15)

Section 3 of the Act makes provision for the appointment of a Controller of Emigrant Labour with some staff and possibly one or more Deputy Controllers for supervising the general administration of the system which the Act seeks to establish The charges for this establishment are to be met from an annual cess called the Emigrants Labour Cess which is to be levied at such rate not exceeding Rs 9 per emigrant as the Central Government may determine for each year of levy

The cess is collected by the Controller by the sale of certificates of emigration Every assisted emigrant has to be provided by the employing interest on whose behalf he was recruited with such a certificate All particulars about the emigrant together with a running record of the details of his employment in Assam are given on it Failure to provide a certificate is punishable with a fine which may extend to Rs 500 For the year 1949 50 the rate of the cess was fixed at Rs 3 and the same rate was continued for 1950 51

The following details taken from the latest available Administration Report of the Controller of Emigrant Labour would be of interest —

During the year 1950 51, the number of assisted emigrants was 38,100 There were also 8 639 non-assisted emigrants The *per capita* cost of recruitment was Rs 124 14 6 as compared with Rs 142 3 5 during the previous year

The number of adults and children living on tea estates in Assam was 506,373 and 512,124 respectively making the total of 1,018,497

SHOPS AND COMMERCIAL ESTABLISHMENTS ACTS

Subject to certain exceptions the Acts apply to shops, commercial establishments, restaurants and places of amusement in certain selected urban centres Some employees such as those employed in a confidential capacity and those whose work is of an intermittent character are excluded from the scope of the Acts

The Bombay, Madhya Pradesh and Assam Acts have fixed daily hours of work at nine In U P and Madras the daily hours are eight while in West Bengal and the Punjab a ten-hour day has been prescribed Rest intervals, of half an hour are prescribed in the West Bengal, U P and the Punjab Acts while an hour s interval has been granted in the Assam, Bombay, U P and Madras Acts Opening and closing hours have also been fixed by the Acts The Assam and West Bengal Acts, however, prescribe only closing hours Most of the Acts also fix the maximum overtime work that can be taken from the employees In some cases slightly different hours of work have been fixed for employees of commercial establishments, restaurants and places of amusement

Provision has been made in all the Acts for weekly closure of shops and establishments although in some Acts, for example in Bombay and Assam, theatres, hotels, etc are exempted from this provision In addition to the weekly holiday, provision for privilege leave of 12 to 15 days in a year has been made in all the Acts The Assam, West Bengal Madras and U P Acts make further provision for casual leave and sick leave of 10 to 12 days and 12 to 30 days respectively

All the Acts except the Bengal Act, have made provision for the regulation of employment of children and young persons The minimum age for the employment of children in Assam, and Madhya Pradesh is 12 while in Madras and U P , it is 14 The hours of work for children and young persons are 7 per day in the Punjab, Madras and Madhya Pradesh and 6 in Bombay and U P Children are not allowed to work after 7 p m in Bombay, Madras and the Punjab and after 9 p m in Madhya Pradesh

The Bombay Act empowers the Government to apply the provisions of the Payment of Wages Act to establishments covered by the Shops and Commercial Establishments Act In Madras and U P the wage period should not exceed one month and in the Punjab it should not exceed a fortnight The Assam Act fixes the wage period at one month After they become due wages should be paid within 10 days in Assam and West Bengal 7 days in U P and 5 days in Madras In the Punjab wages should be paid on demand at the expiry of the wage period Overtime wages are payable at twice the ordinary rates in Madras, U P and the Punjab at one and a half times in Bombay and Madhya Pradesh and at one and a quarter times the ordinary rate in Bengal Hotels restaurants and other eating places in Bombay are however required to pay overtime wages at twice the ordinary rate Fines and deductions are regulated under the Madras and U P Acts

One month s previous notice or one month s wages in lieu of notice before discharge is stipulated in the Acts of U P , Punjab, Madras and Madhya Pradesh The Bombay Act provides for only 14 days notice or pay in lieu thereof The Madras and Bombay Acts make provisions relating to cleanliness, ventilation, lighting and precautions against fire in establishments covered by the Acts

The Weekly Holidays Act 1942 provides for a weekly closure of shops and for the grant of a weekly holiday to employees The Act has been enforced in Bihar, Ajmer, Coorg and Orissa

INDUSTRIAL STATISTICS ACT

The Act permits the collection of statistics with regard to any of the following matters (1) prices of commodities , (2) attendance , (3) living conditions including housing, water-supply and sanitation , (4) indebtedness , (5) rents , (6) wages and earnings , (7) provident and other funds provided for labour (8) benefits and amenities provided for labour , (9) hours of work (10) employment and unemployment, and (11) industrial and labour disputes Penalties are provided for persons refusing to supply information or failing to furnish the required returns State Governments are empowered to appoint an officer to be the Statistics Authority for the purposes of the collection of any statistics under the Act and that Authority, when once appointed, has the power to call upon employers to furnish the information required Penalties are also provided for in the Act for improper disclosure of information or returns by persons engaged in the collection of the information or the tabulation of the data

The Act deals with collection of statistics relating to factories such as production, etc , and matters dealing with labour welfare The former provisions have already been implemented by the various States and the Director of Industrial Statistics has undertaken censuses of production Reports on the censuses for the years 1946 1947 and 1948 have now been published

WAGES

No serial statistics of wages and earnings are available in India except for those compiled under the Payment of Wages Act The returns under the Act, however, relate only to persons in receipt of wages and salaries of Rs 200 per month

AVERAGE ANNUAL EARNINGS OF FACTORY EMPLOYEES

State	1939	1949	1950	1951
	Rs	Rs	Rs	Rs
Assam	263 7	942 8	1 018 6	1 017 9
Bihar	415 5	983 9	1 196 9	1 239 3
Bombay	370 4	1 210 1	1,172 1	1 272 3
Madhya Pradesh	*	841 9	936 8	862 0
Madras	175 9	726 6	591 2	644 9
Orissa	161 8	527 0	680 6	749 1
Punjab	296 0	838 7	771 3	756 0
Uttar Pradesh	235 6	993 0	933 0	952 7
West Bengal	248 7	839 0	877 5	942 3
Ajmer	163 7	552 0	660 0	694 2
Delhi	309 4	1 025 4	1 061 6	1 292 5
Travancore Cochin	*	*	*	632 1
Andaman and Nicobar Islands	*	*	732 9	718 1

* Not available

The tabular statement below shows the basic wages and earnings of important categories of industrial workers in India

STATEMENT SHOWING THE BASIC MINIMUM WAGE, DEARNESS ALLOWANCE AND THE MINIMUM MONTHLY EARNINGS OF WORKERS IN DIFFERENT INDUSTRIES (December 1952)

Industry	Centre	Minimum basic wage	Minimum dearness allowance	Minimum monthly earnings
		Rs a p	Rs a p	Rs a p
Cotton	Bombay City	30 0 0	62 4 0	92 4 0
	Ahmedabad	28 0 0	77 4 9	105 4 9
	Sholapur	26 0 0	54 9 2	80 9 2
	West Bengal	20 2 5	30 0 0	50 2 5
	Madhya Pradesh	26 0 0	41 13 6	67 13 6
	Madras	26 0 0	42 12 0	68 12 0
Jute	West Bengal	26 0 0	42 8 0	68 8 0
Engineering	West Bengal	30 0 0	25 0 0	55 0 0
Dockyards *	Bombay	26 0 0	56 9 0	82 9 0
	Calcutta	30 0 0	31 4 6	61 4 6

* Figures relate to September 1952

The Chief Inspector of Mines in his Monthly Coal Bulletin publishes figures of average weekly earnings of certain categories of workers in different coalfields The latest available information is given in the table below

AVERAGE WEEKLY EARNINGS IN COAL MINES
(December 1952)

Category	Assam	Ranigunj	Jharia	Madhya Pradesh	Rewa	Orissa	Hyderabad	Pikaur	Indian Union
	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p
Underground —									
Miners and Loaders	19 2 5	13 3 11	14 0 7	11 2 2	9 8 5	9 14 5	17 8 3	10 15 2	13 8 8
Others	16 7 4	13 4 5	12 6 6	9 0 7	7 6 2	13 1 11	13 0 5	9 6 1	12 4 0
Open Workings —									
Miners and Loaders	12 4 8	12 4 7	11 10 4	10 9 1	6 14 8	—	—	—	11 10 6
Others	14 11 6	13 5 3	10 14 5	8 11 9	9 12 6	—	—	—	11 5 10
Women	10 2 8	11 0 7	8 6 6	5 13 3	6 0 4	—	—	—	8 8 5
Surface —									
Men	13 4 7	12 14 1	11 13 6	9 10 0	10 12 0	11 4 1	14 2 2	10 15 8	12 0 8
Women	8 1 6	7 13 10	7 12 6	4 15 4	4 1 5	6 12 2	7 8 1	4 4 1	7 7 11
OVERALL	15 15 0	12 7 10	11 15 2	9 6 8	8 12 7	11 10 4	14 6 0	9 14 5	11 14 11

DEARNESS ALLOWANCE

The scale of the allowance varies not only from centre to centre and industry to industry but also except where these matters are adjudicated upon from unit to unit in the same industry at the same centre

In coal mines dearness allowance is paid on the basis of a percentage of basic wages In Bihar and Bengal the dearness allowance is 100 per cent of basic wages for those earning up to Rs 70 per month

In the engineering industry in West Bengal dearness allowance is graded according to income and ranges from Rs 25 per month in the case of those getting basic wages up to Rs 50 per month to Rs 50 for those getting more than Rs 200 In Bombay some concerns pay at a flat rate and others on a graded scale Several Adjudicators have granted dearness allowance either at the Bombay Millowners Association scale which was Rs 98 11 0 in December 1951 or at a percentage varying from 66⅔ per cent to 85 per cent of that scale In Madras the rate varies from 8 annas to Re 1 9 6 per day and in a number of concerns it is paid at a flat rate of Rs 25 per month In the tanneries and leather goods industry dearness allowance paid is around Rs 25 per month in West Bengal and Madras, about Rs 30 in Bombay and between Rs 40 and 60 in Kanpur

The Committee on Fair Wages appointed by the Government of India examined the question of dearness allowance and came to the conclusion that for the lowest categories of employees the target should obviously be compensation to the extent of 100 per cent of the increase in the cost of living but that in the case of higher categories a lower rate of compensation should apply and that the amount of compensation should be based on salary scales or slabs

BONUS

As in the case of dearness allowance the practice in regard to the quantum of profit bonus varies from centre to centre and industry to industry In Bombay City and Ahmedabad the cotton mill workers received for the year 1951 a bonus equivalent to 25 per cent of basic wages earned In Madura cotton mills the workers received 3 months basic wages

No bonus has so far been paid in the jute mill industry in West Bengal The Industrial Tribunal considered the question but deferred its recommendations in the matter pending the results of an investigation by experts and the Government of India

The dockyards in West Bengal generally pay an annual bonus amounting to 2 months wages Some of the dockyards in Bombay pay two months wages as bonus

The Tata Iron and Steel Co at Jamshedpur pay a good attendance bonus amounting to 10 to 12 per cent of basic wages and a performance bonus of 10 to 50 per cent of basic wages is also given to workers To the latter, however, only skilled and semi skilled workers are entitled Under the Company s revised Profit Sharing Scheme, the employees are entitled to a share of 27½ per cent of the annual net profit of the company and such share is credited to and/or distributed among the employees of the company in proportion to the basic salaries and wages earned or deemed to be earned by such employees respectively during the year in which such net profits were earned by the Company

The Board of Conciliation appointed for the coal mining industry recommended the grant of an annual bonus equal to four months basic wages, split into two parts An attendance bonus of two months basic wages to those fulfilling specified minimum attendance requirements and a production bonus related to output and basic earnings and subject to their qualifying for it on the basis of a minimum attendance of 66 days per quarter in the case of surface workers and 54 days per quarter in the case of underground workers in the case of collieries in Bihar and West Bengal Bonus on the above basis is also to be paid, according to the Fact-finding Committee s recommendations subject to a minimum attendance of 60 and 65 days in a quarter in the case of underground and surface workers respectively in Madhya Pradesh, Hyderabad and Orissa collieries In Assam, the existing rate of bonus has been raised by fifty per cent so as to raise the amount of bonus earned to a sum equal to four months wages per year

From the latest information available it would appear that during the quarter ending March 1952 about 32 per cent of the workers in West Bengal about 51 9 per cent in Bihar about 88 2 per cent in Orissa and 52 7 per cent in Vindhya Pradesh qualified for the bonus The amount disbursed by way of bonus by collieries submitting returns was Rs 3 5 lakhs Rs 11 22 and Rs 9 65 lakhs respectively in West Bengal Bihar and Madhya Pradesh

During 1949 a bonus of 8¼ per cent of their earnings was given to the workers in tea plantations in South India and 6¼ per cent of earnings to the workers in coffee and rubber plantations

Allowing for minor differences in this respect and considering the major industries and the important centres it can be stated that in the jute industry in West Bengal and in the plantations the wages are generally paid weekly The system of wage payment in the cotton textile industry in Bombay City and Sholapur is monthly A peculiarity of Ahmedabad is that the wages are paid per *hapta* which varies from 14 to 16 days The month is the accepted wage period for the railways In some concerns wages are paid daily to certain types of workers, weekly to others, fortnightly to yet others and monthly generally to the clerical and supervisory staff

Mining labour is mostly paid on a weekly basis

HOURS OF WORK

The most important happening in regard to hours of work in factories was the reduction of the weekly hours of work for adults to 48

Actually, in many industries in this country the hours of work were not in excess of 8 per day In the coal mines in Bihar and West Bengal the workers seldom work for more than five to six hours in the day or for more than four to five days in the week According to a recent investigation the average weekly attendance of a coal miner was 4 56 days The cotton textile industry in almost all centres normally works a uniform 8-hour day A recent development in the cotton textile industry is to work shifts on the basis of what is known as the Relay System By this system a unit does not stop work during the noon recess and continues working throughout a whole shift, different batches of workers being given rest intervals by turns and the remainder being asked to do double substitute work for the time being

In all cases where continuous production is necessary such as in electricity generating plants and certain water pumping stations, cement factories etc work is arranged on a system of three shifts—the different shifts changing over every week or fortnight The change over is so arranged that every workman gets a rest period of at least twenty four continuous hours *once in one week*

As far as railways are concerned, hours of work in railway workshops are regulated by the Indian Factories Act Most of the larger running sheds have also recently been classified as factories and work in these large sheds is arranged on the basis of three shifts of 8 hours each In the smaller sheds where work is of a fairly intermittent character systems of two shifts of 12 hours each obtain but the work of the individual is so arranged as not to work each operative for more than 8 hours

The question of hours of work of railway servants was one of the points submitted for adjudication to Mr Justice Rajadhyaksha of the Bombay High Court who made the following *recommendations*

The employment of railway servants under the Hours of Employment Regulations should be classified under anyone of the following heads

(i) Intensive

(ii) Continuous

(iii) Essentially Intermittent

(iv) Excluded

(i) The statutory limit of weekly hours for persons whose employment is classified as intensive should be fixed at 75 hours a week on the average in a month,

(ii) The statutory maximum limit for the employment of continuous workers should be fixed at 54 hours a week on the average in a month

(iii) The statutory maximum for staff classified as essentially intermittent should be 75 hours a week and

(iv) For excluded workers no statutory minimum limit can be prescribed but this should not absolve the Administrations of their responsibility on humanitarian grounds, of seeing that unreasonable conditions are not imposed The Government of India accepted these recommendations and by an Order dated 15th June 1948 declared them binding for a period of three years

In the major municipalities the hours of work vary from department to department but are generally 8 to 10 per day Speaking generally, municipal workers get a weekly holiday Although those in the conservancy department get only half a day off per week there is a certain amount of discontent among the conservancy staff for not getting a weekly holiday but since they are engaged on essential work most of the municipalities find it difficult to grant such a holiday

COST OF LIVING

Bombay was the first State in India to compile and publish a price series intended for measuring changes in the cost of living

Other States in India which compile cost of living index series for working classes are Madras Madhya Pradesh Uttar Pradesh Bihar Punjab Orissa Mysore, Travancore Cochin and Hyderabad The Mysore Government compiles figures for Bangalore, Kolar Goldfields and Mysore

The Government of Madras compiles nine series in all Madras City Vishakapatnam* Guntur* Bellary**, Cuddalore, Coimbatore Madura, Tiruchirapalli and Kozhikode with the average prices for the twelve months from July 1935 to June 1936 as base

In Uttar Pradesh the series are for low paid Government employees at Lucknow, Banaras Bareilly, Meerut and Gorakhpur

The Government of Orissa compiles a cost of living series for its headquarters town of Cuttack and another for Berhampur

INDEX FIGURES

Owing to the variations in the method of compilation of these indices, they are not strictly comparable, but the table below shows the movement of cost of living index numbers in selected centres for the twelve months of the year 1952 —

1952	BOMBAY				U P	MADHYA PRADESH	MADRAS	TRAVANCORE COCHIN		MYSORE			HYDERABAD
	Bombay	Ahmedabad	Sholapur	Jalgaon	Kanpur	Nagpur	Madras	Ernakulam	Trichur	Bangalore	Mysore	Kolar Goldfields	Hyderabad
January	315	337	442	490	442	393	345	397	388	340	343	377	169
February	309	330	436	464	441	382	343	388	379	347	337	374	168
March	298	314	411	442	412	378	340	378	367	341	324	369	163
April	320	359	440	488	415	377	343	379	368	352	341	375	155
May	323	362	425	443	412	376	334	389	377	353	347	380	156
June	322	360	411	432	424	375	337	389	376	351	345	381	165
July	314	360	416	439	456	377	338	389	376	346	345	382	164
August	324	366	427	447	460	380	337	388	377	345	344	382	162
September	325	368	425	440	463	381	335	387	377	346	344	382	163
October	329	375	426	450	466	381	334	386	378	340	350	382	166
November	330	371	419	443	459	380	335	385	375	342	349	380	170
December	330	359	415	430	447	378	334	385	375	343	348	382	168

* Now in Andhra

** Now in Mysore

The Government of India, in consultation with the State Governments, launched upon an All India Scheme for the preparation and maintenance of working class cost of living index numbers for selected centres in the country. This scheme was started in the year 1942 and was completed in 1946. Over 27,000 family budgets were collected in some 28 selected centres.

The main object of these investigations was to obtain weights for compiling and maintaining cost of living index numbers on uniform lines. Accordingly, the Labour Bureau of the Government of India started publishing regularly in the Indian Labour Gazette on base 1944=100 cost of living index numbers for some 17 centres in India and the latest available figures for these centres on base 1944 are given below —

1952	Delhi	Ajmer	Jamshedpur	Jharia	Dehri on Sone	Monghyr and Jamalpur	Cuttack	Berhampur	Gauhati	Silchar	Tinsukia	Ludhiana	Akola	Jabalpur	Kharagpur	Mercara	Madras Plantations
January	142	179	162	179	184	188	175	175	147	156	125	161	171	156	134	121	118
February	141	175	155	179	186	184	172	170	145	158	124	158	157	155	131	117	114
March	136	177	150	163	172	174	165	152	140	144	121	148	148	145	131	110	106
April	145	169	153	161	176	179	160	147	138	132	123	148	149	144	132	107	106
May	148	168	158	164	175	173	156	147	143	134	121	149	148	143	130	106	108
June	145	171	158	175	179	169	155	148	141	137	124	148	155	148	133	106	106
July	143	175	161	184	199	173	159	150	143	140	137	149	161	155	131	108	106
August	143	176	160	188	211	172	158	153	149	139	137	150	160	157	141	109	108
September	145	178	157	184	208	171	156	159	143	140	137	150	155	150	139	108	109
October	146	179	154	183	201	171	156	157	143	141	135	151	157	150	136	108	112
November	143	176	150	180	193	162	150	156	139	136	132	152	158	150	132	107	114
December	137	170	150	165	171	152	150	157	138	130	124	148	155	149	128	107	114

STANDARD OF LIVING

The Bombay Labour Office carried out two family budget enquiries for working classes in Bombay City, one in 1921-22 and the other in 1932-33 and the results were published in the years 1923 and 1935 respectively. Similar enquiries were also conducted in Ahmedabad and Sholapur cities and the results of both these enquiries were published in the year 1938. In Madras, the Director of Industries published in 1938 the results of an inquiry into the family budgets of industrial workers in organized and unorganized industries in Madras City conducted under the direction of the Commissioner of Labour. A number of family budgets were also collected at Kanpur in Uttar Pradesh and at Nagpur and Jabalpur in Madhya Pradesh with the object of compiling cost of living indices.

The statement below contains in a tabular form the main results of these surveys.

COMPOSITION OF THE FAMILY, THE AVERAGE MONTHLY INCOME AND EXPENDITURE AND THE ACTUAL AND PERCENTAGE DISTRIBUTION OF EXPENDITURE ON DIFFERENT IMPORTANT GROUPS

	Centres	Average number of persons in the family	Average number of earners in the family	Average monthly income per family	Average monthly family expenditure on: Food — Actual	Food — Percentage	Fuel and Lighting — Actual	Fuel and Lighting — Percentage	House rent — Actual	House rent — Percentage	Clothing and Footwear — Actual	Clothing and Footwear — Percentage	Bedding & H Requisites — Actual	Bedding & H Requisites — Percentage	Miscellaneous — Actual	Miscellaneous — Percentage	Total family expenditure
					Rs a p		Rs a p		Rs a p		Rs a p		Rs a p		Rs a p		Rs a p
I	WEST BENGAL—																
1	Calcutta	4 09	1 43	70 8 4	47 1 6	65 66	5 3 3	7 28	4 13 2	6 71	5 8 10	7 74	0 1 0	0 06	8 15 11	12 50	71 11 8
2	Howrah & Bally	4 83	1 63	80 4 6	59 13 11	71 49	6 6 8	7 68	4 12 5	5 72	5 5 5	6 39	0 9 1	0 67	6 12 1	8 05	83 11 7
3	Kharagpur	5 62	1 57	120 5 8	68 12 7	69 18	5 13 8	5 89	3 5 4	3 35	10 2 8	10 23	0 6 4	0 40	10 14 5	10 95	99 7 0
II	BOMBAY—																
1	Ahmedabad	4 33	1 56	134 5 8	50 9 9	52 74	8 10 1	9 99	5 2 11	5 40	12 0 2	12 04	2 0 4	2 11	17 7 11	18 25	95 1 2
2	Bombay	3 96	1 53	97 2 3	44 15 2	51 96	5 12 8	10 16	6 3 9	7 20	10 2 2	11 72	0 6 10	0 50	15 15 5	18 46	86 8 0
3	Jalgaon	5 58	1 66	60 2 5	34 5 10	56 57	5 4 4	8 68	2 5 2	3 82	10 9 6	17 44	0 4 3	0 45	7 14 9	13 04	60 11 10
4	Sholapur	5 39	1 85	66 15 0	37 12 2	48 75	9 7 3	12 20	2 13 2	3 64	11 4 6	14 57	0 11 11	0 96	15 6 4	19 88	77 7 4
III	BIHAR—																
1	Dehri-on-Sone	6 07	1 64	59 6 0	38 12 10	69 62	2 9 0	4 59	1 1 5	1 96	6 8 10	11 75	1 3 6	2 19	5 8 2	9 89	55 11 9
2	Jamshedpur	4 42	1 33	92 13 3	44 11 2	65 76	3 11 0	5 43	3 3 0	4 69	6 13 6	10 07	0 3 11	0 36	9 4 11	13 69	67 15 6
3	Jharia	3 62	2 02	52 0 0	33 2 6	77 70	0 3 8	0 47			2 12 11	6 56	0 4 2	0 63	6 4 0	14 64	42 11 3
4	Monghyr	6 80	1 57	78 5 1	51 9 0	69 75	4 2 4	5 61	1 4 3	1 71	7 9 5	10 27	1 2 2	1 54	8 3 6	11 12	73 14 8
IV	MADHYA PRADESH—																
1	Akola	5 08	1 84	60 3 3	34 0 8	58 61	4 3 5	7 25	1 3 3	2 07	7 8 1	12 93	0 10 0	1 08	10 7 11	18 06	58 1 4
2	Jabalpur	4 06	1 56	64 10 9	37 1 2	58 24	4 9 7	7 22	1 11 6	2 70	7 6 5	11 62	1 1 11	1 76	11 11 11	18 46	63 10 6
V	ORISSA—																
1	Berhampur	5 50	2 05	59 12 8	48 10 6	62 42	5 13 4	7 48	2 9 0	3 28	7 15 5	10 22	0 14 6	1 17	12 0 5	15 43	77 15 2
2	Cuttack	5 54	1 45	43 8 0	39 10 5	67 15	5 3 9	8 86	1 12 0	2 97	4 1 0	6 88	0 15 7	1 64	7 6 0	12 50	59 0 9
VI	PUNJAB—																
	Ludhiana	4 56	1 34	74 10 2	47 7 1	61 25	7 1 10	9 18	2 13 4	3 66	8 4 9	10 71	0 0 11	0 07	11 11 5	15 13	77 7 4
VII	ASSAM—																
1	Gauhati	5 05	1 32	96 3 8	50 3 2	63 36	6 13 7	8 64	3 8 10	4 48	2 13 4	3 58	2 1 2	2 61	13 11 7	17 33	79 3 8
2	Silchar	5 91	1 40	86 5 0	57 9 0	71 69	5 11 2	7 10	3 7 11	4 35	5 0 7	6 27	0 7 4	0 57	8 0 10	10 02	80 4 10
3	Tinsukia	4 11	1 21	83 14 5	44 1 5	68 65	4 11 7	7 35	2 1 4	3 24	4 9 11	7 19	1 4 9	2 02	7 6 9	11 55	64 3 9
VIII	DELHI—																
	Delhi	3 80	1 34	66 4 11	36 15 2	60 98	5 5 8	8 84	3 13 7	6 35	5 8 6	9 13	1 15 9	3 27	6 14 10	11 43	60 9 6
IX	AJMER—																
	Ajmer	5 18	1 10	62 12 8	38 4 6	63 74	4 14 7	8 17	1 12 7	2 97	4 11 11	7 90	0 4 8	0 50	10 0 8	16 72	60 0 11

Studies of living conditions of plantation workers were conducted in the year 1947 by the Government of India and the results of these surveys have been incorporated in two separate reports. The tabular statement on next page contains details regarding the main findings of these enquiries in the plantations in north east and south India.

COMPOSITION OF THE FAMILY, AVERAGE WEEKLY INCOME AND EXPENDITURE OF THE FAMILY AND THE ACTUAL AND PERCENTAGE DISTRIBUTION OF EXPENDITURE ON DIFFERENT GROUPS

Plantations	No of budgets	Average number of persons in the family	Average number of wage earners in the family	Average weekly income per family	Average weekly family expenditure on												Total weekly family expenditure
					Food		Lighting		Clothing and footwear		Bedding and household requisites		Miscellaneous				
					Actual	Percentage	Actual	Percentage	Actual	Percentage	Actual	Percentage	Actual	Percentage			
				Rs a p	Rs a p		Rs a p		Rs a p		Rs a p		Rs a p		Rs a p		Rs a p
North India																	
1 Surma Valley	200	4 57	2 29	11 3 7	8 8 8	77 07	0 2 9	1 55	0 12 3	6 90	0 2 0	1 13	1 7 8	13 35	11 1 4		
2 Assam Valley	560	4 15	2 44	10 13 1	7 11 8	71 55	0 3 5	1 98	1 0 4	9 45	0 3 1	1 78	1 10 4	15 24	10 12 10		
3 Bengal	297	4 16	2 52	13 5 2	9 8 4	77 42	0 4 1	2 08	0 14 11	7 58	0 2 6	1 27	1 6 11	11 65	12 4 9		
South India																	
1 Madras—Tea	274	3 80	2 41	11 13 1	8 10 5	73 79	0 2 7	1 38	0 15 0	7 99	0 4 1	2 18	1 11 6	14 66	11 11 7		
2 Madras & Coorg —Coffee	122	3 40	2 38	8 12 1	6 2 3	71 24	0 2 0	1 45	0 13 0	9 43	0 4 2	3 02	1 4 6	14 86	8 9 11		
3 Madras & Coorg —Rubber	15	2 86	1 40	8 15 4	7 8 5	78 11	0 2 11	1 88	0 11 4	7 34	0 1 10	1 17	1 1 9	11 50	9 10 3		

RECRUITMENT

Many of the larger and more progressive concerns have Labour Officers who are directly responsible for all new recruitment

The evils in connection with recruitment were most marked in the case of casual or substitute labour The Millowners Association, Bombay, have dealt with the problem by establishing what is known as the 'Badli Control System' Daily casual vacancies are filled only from card holders and whenever there is a permanent vacancy it is filled from these card holders The evil influence of the jobber is thus eliminated A recent development in this matter is the decasualization' scheme of the Government of Bombay which has been introduced in some of the textile centres

In the jute mill industry during recent years, many of the mills have established what are known as Labour Bureaux one of whose functions is to recruit labour

In this connection mention might also be made of the Employment Exchange started by the Northern India Employers Association in Kanpur Some progressive cotton mills in the south have also opened special Labour offices through which only recruitment is made

The Millowners Association, Bombay conducts special classes for the training of Mill Labour Officers and actively supervises and controls the work done by all such Officers where they have been appointed through the Association Following the example of the Millowners Association, Bombay, the University of Calcutta, in co-operation with the Indian Jute Mills Association has recently inaugurated a special course of social work for giving suitable training to Labour Welfare Officers engaged in jute mills Among other institutions imparting training for Labour Officers mention may be made of the Tata Institute of Social Sciences, Bombay, Institute of Social Sciences, Banaras Xavier Labour Relations Institute, Jamshedpur Department of Labour and Social Welfare Patna University J K Institute of Sociology and Human Relations, Lucknow University and the training course conducted by the Madhya Bharat Millowners Association, Indore

The Directorate General of Resettlement and Employment set up by the Government of India organises technical training

There were 268 training centres in December 1952 and the number of persons undergoing training in these centres was as follows —

Technical training	8,296
Vocational training	1,790
Apprenticeship training	695
Vocational training	426
TOTAL	11,207

EMPLOYMENT EXCHANGES

WORKING OF THE EMPLOYMENT EXCHANGES IN INDIA

1952	No of exchanges at the end of the period	No of registrations during the period	No of applicants placed in employment during the period	No of applicants on the live registers at the end of the period	No of employers using the exchanges during the period	No of vacancies notified during the period	No of vacancies outstanding at the end of the period
January	126	97,824	30,854	321,656	5 372	34,830	19,638
February	126	106,180	31,967	325,626	5 547	36,706	19,294
March	126	114,678	31,806	341,420	6,053	39,830	20,932
April	126	126,415	32,087	360,190	6,482	36,852	20,240
May	127	121,708	30,998	366,595	6,890	37,896	21,522
June	128	135,849	32,100	381,739	6,473	38,065	21,982
July	128	153,808	30,486	418,909	6,602	36,759	21,943
August	129	119,371	29,186	412,101	6 020	38 927	21,173
September	130	115,671	26,949	407,872	5,703	37,499	26,138
October	130	130,459	29,159	413,498	6,183	35,825	26,106
November	131	127,996	27,101	420,722	5,711	33,482	25,672
December	131	126,745	25,135	437,571	5,245	27,880	22,873

ABSENTEEISM

One of the commoner complaints of Indian industrialists has been the high percentage of absenteeism and the large labour turnover in Indian factories mines, etc the percentage of absenteeism amounts to about 10 to 15 per cent in factories and to about 25 to 30 per cent in mines and plantations It is noteworthy that in factories in which the conditions of work and wages are satisfactory and also where there is a system of granting leave with pay apart from the statutory holidays with pay, the incidence of absenteeism is not so high as is otherwise the case The available statistical data on absenteeism in certain types of concerns for the years 1948 1949 1950 1951 and the twelve months of 1952 are given in the tabular statement below —

ABSENTEEISM IN MANUFACTURING INDUSTRIES IN INDIA

(Percentage of man shifts lost to man shifts scheduled to work)

Month	Cotton Mill Industry							Woollen Industry	
	Bombay	Ahmedabad	Sholapur	Madras	Madura	Coimbatore	Kanpur	Kanpur	Dhariwal
1948	13 3	5 9	18 1	9 1	13 9	9 6	16 1	10 6	
1949	15 9	7 4	21 3	8 6	13 1	8 1	15 6	11 0	
1950	14 5	8 4	20 1	9 5	14 6	9 7	16 1	12 5	9 3
1951	12 7	8 3	18 7	8 9	11 3	10 0	12 0	13 2	10 6
1952	12 7	8 8	20 2	9 7	10 5	10 3	11 7	9 4	6 3
January	11 2	7 8	20 1	9 0	11 3	10 3	9 2	9 9	8 9
February	13 6	12 0	21 5	9 1	12 6	9 9	10 5	9 3	8 6
March	15 5	19 4	21 3	9 1	12 1	10 9	11 0	11 3	9 1
April	14 3	9 5	21 5	9 5	13 6	11 2	10 3	9 0	7 0
May	14 0	10 7	23 0	10 2	11 9	14 8	14 3	14 7	5 0
June	13 2	9 6	21 0	9 9	11 2	12 0	12 5	10 6	7 3
July	11 7	9 1	18 6	10 0	9 6	7 1	11 5	7 4	5 7
August	11 3	9 1	18 2	9 6	8 5	7 1	11 7	6 8	6 4
September	11 0	9 6	17 8	10 2	8 0	8 8	11 4	7 5	5 4
October	12 0	9 5	19 4	9 5	8 7	10 2	12 1	9 2	3 7
November	12 5	9 0	19 5	9 3	8 7	13 8	13 1	8 4	4 6
December	12 0	8 6	19 8	9 2	8 5	7 2	10 7	8 2	4 0

Month	Engineering Industry		Telegraph Work shops	Tramways Work shops	Iron and Steel Industry	Ordnance Factories	Cement Factories	Match Factories	Leather Industry
	Bombay	West Bengal	All India	All India	All India	All India	All India	All India	Kanpur
1948	13 4				14 3	8 5	10 9	10 9	8 0
1949	13 6				13 5	8 0	10 1	10 8	11 3
1950	13 1	11 1	8 1	15 7	12 4	8 9	10 6	11 0	8 4
1951	13 5	10 1	8 5	13 0	11 0	8 6	11 8	10 5	7 8
1952	13 4	10 3	9 0	10 4	10 9	9 4	11 5	10 6	9 2
January	10 9	9 4	8 0	19 1	10 0	7 8	10 0	8 4	6 2
February	14 0	9 8	8 4	7 7	10 6	9 3	11 1	10 8	4 9
March	16 4	10 6	10 3	9 8	12 3	12 3	14 9	11 1	6 3
April	14 7	10 7	10 0	13 7	11 3	9 8	12 0	12 2	7 6
May	18 3	14 2	13 4	12 4	13 1	12 3	12 1	13 5	12 3
June	15 2	12 2	10 3	11 2	11 9	10 1	11 7	12 2	8 5
July	12 7	10 7	8 0	8 5	10 3	8 5	10 8	11 6	23 6
August	11 0	8 9	6 7	11 0	10 7	8 0	9 8	9 7	12 3
September	11 0	7 8	7	11 1	11 3	8 2	11 2	10 1	6 9
October	12 3	10 0	8 2	9 0	10 6	8 9	12 1	10 0	6 1
November	11 8	9 5	8 4	6 1	9 8	8 7	10 8	9 0	6 0
December	12 6	9 5	9 1	5 7	9 4	8 5	12 7	8 8	6 3

EMPLOYEES' STATE INSURANCE CORPORATION*

A bill incorporating a health insurance scheme was introduced in November 1947 in the Indian Parliament and was passed as the Employees State Insurance Act on 19th April 1948 The following are its main provisions

The Act applies to all factories including factories belonging to Government other than seasonal factories and covers employees in receipt of wages or salaries up to Rs 400 per month The administration of the Act is entrusted to an autonomous body called the Employees State Insurance Corporation A Standing Committee is to act as the executive of the Corporation There is also to be a Medical Benefit Council to advise the Corporation on matters relating to administration of medical benefit certifica

* See under Miscellaneous for fuller note

tion, etc All these bodies are tripartite in character

The scheme is contributory but the Central Government is to make an annual grant to the Corporation during the first five years of a sum equivalent to ⅓rds of the administrative expenses of the Corporation The rates of contribution payable in respect of an employee have been fixed as follows —

	Group of employees	Employees contribution (recoverable from employees)			Employers contribution			Total contribution (employees and employers' contribution)		
		Rs	As	Ps	Rs	As	Ps	Rs	As	Ps
1	Employees whose average daily wages are below Re 1	*Nil*			0	7	0	0	7	0
2	Employees whose average daily wages are Re 1 and above but below Rs 1 8 0	0	2	0	0	7	0	0	9	0
3	Employees whose average daily wages are Rs 1 8 0 and above but below Rs 2 0 0	0	4	0	0	8	0	0	12	0
4	Employees whose average daily wages are Rs 2 0 0 and above but below Rs 3 0 0	0	6	0	0	12	0	1	2	0
5	Employees whose average daily wages are Rs 3 0 0 and above but below Rs 4 0 0	0	8	0	1	0	0	1	8	0
6	Employees whose average daily wages are Rs 4 0 0 and above but below Rs 6 0 0	0	11	0	1	6	0	2	1	0
7	Employees whose average daily wages are Rs 6 0 0 and above but below Rs 8 0 0	0	15	0	1	14	0	2	13	0
8	Employees whose average daily wages are Rs 8 0 0 and above	1	4	0	2	8	0	3	12	0

The insured persons are entitled to the following benefits
(*i*) sickness benefit, (*ii*) maternity benefit (*iii*) disablement benefit, (*iv*) dependents benefit and (*v*) medical benefit

The implementation of the scheme throughout the country simultaneously being attended with practical difficulties a plan of phased application of the scheme in different places was drawn up Under this plan it was proposed to introduce the scheme in Kanpur and Delhi in July 1950 The proposal had to be postponed at the last moment owing to objections received from employers in Kanpur that the introduction of the scheme in selected places without its simultaneous application elsewhere would place industries in those areas at a competitive disadvantage To overcome these objections and to remove a few other lacunæ the Employees State Insurance Act 1948 was amended in 1951 Under the amended Act the employers contribution will be levied from employers throughout the country in a manner which will make the extra cost on all employers as equitable as possible

The scheme was inaugurated in Kanpur and Delhi on 24th February 1952

At the end of 1953 it was in operation in 20 States covered 1 36 million workers in 1,643 factories and the contribution to the fund was Rs 4 47 crores The number of defaulting employers against whom prosecutions were launched was 17

ACCIDENTS

The Millowners Association, Bombay, has done a considerable amount of good work of a pioneering character in connection with Safety first measures Working in conjunction with the Safety first Association of India the Association drew up a Safety Code for the Cotton Textile Industry and this Code was published and put into operation from August 1940 It is of interest to note that most cotton mills in Ahmedabad had also established safety first committees by the end of the year 1939

The Indian Factories Act requires the manager to report all accidents which cause death or bodily injury whereby the person injured is prevented from returning to his work in the factory during the 48 hours next after the occurrence of the accident

It is the duty of the Inspector of Factories to make an investigation as soon as possible into the causes of and the responsibility for a fatal or serious accident, and to take steps for the prosecution of the person concerned if it is found that the death or serious injury resulted from any infringement of the provisions of the Act or of the rules framed under the Act

Provision has been made for the training of miners in first aid There are also in the mining areas two rescue training centres where training has been given for fighting fires, etc in coal mines

The Office of the Chief Adviser Factories now issues from time to time valuable literature on the subject of industrial safety

The table below shows the number of accidents in Indian factories and mines in the years 1939 to 1951 —

Year	FACTORIES				MINES			
	Fatal	Serious	Minor	Total	Fatal	Serious	Minor	Total
1939	221	5,837	29 948	36 006	286	1,410	10, 584	12 280
1940	236	6 857	33,986	41,079	315	1,442	12 880	14,637
1941	271	8 374	40 091	48,736	303	1 489	10 969	12 761
1942	323	9 111	44 740	54 174	342	1 484	10 871	12 697
1943	361	10 016	48,799	59 176	328	1 509	9 000	10 837
1944	348	10 638	56 336	67 322	363	1 568	8 948	10 879
1945	342	11,006	58 77 5	70 123	307	1 441	8 724	10 472
1946*	252	8 423	48,460	57,135	328	1 275	9 312	10 915
1947†	214	8 675	49 892	58 781	263	1 450	8 137	9 850
1948†	259	9 132	58 673	68 064	272	1 295	8 518	10 085
1949†	194	6 513	46 902	53 609	271	1 558	16 529	18 358
1950@	248	72 168	**	72 416	273	2 033	15 016	17,922
1951	180	54 989	**	55 169	*N A*	*N A*	*N A*	*N A*

* Excluding the Punjab and the N W F P in the case of factories

** From 1950 onwards figures for Serious and Minor accidents have been combined into Non fatal accidents

† The figures relate to 12 States of the Indian Union, formerly known as Provinces whereas the previous figures relate to the pre partition British India

@ Excluding Punjab and West Bengal in the case of factories

N A Not available

WELFARE ACTIVITIES

The Reports of the Labour Investigation Committee on labour conditions in 36 industries as also their Main Report as well as the issues of the Indian Labour Year Book published by the Labour Bureau of the Government of India contain detailed and comprehensive information regarding labour welfare undertaken in various States and industries

Until recently the Government of India had not undertaken any activities to promote the welfare of industrial labour employed in Central concerns Recently, however they have done a great deal in this respect Welfare Funds have been instituted in coal and mica mines The Central Government have issued directives to all employing departments to constitute Labour Welfare Funds in all Government undertakings The fund is to be utilised for providing indoor and outdoor recreation reading rooms etc to workmen employed in the undertakings The Fund will be financed partly by Government grants

Welfare work is now directly undertaken by the Governments of Bombay U P Bihar Hyderabad Madhya Bharat Mysore Saurashtra and Travancore Cochin

HOUSING

In the past the policy of Government as well as of industrial employers was to leave the matter of housing more or less in the hands of private enterprise The rapid growth in industrial employment made the housing problem serious and the influx of large numbers of workers to urban centres during the war further aggravated the situation

In April 1948 the Government of India announced as part of their *industrial policy* a scheme for the construction of a million workers houses to be completed within a period of ten years but on account of financial stringency much headway could not be made in the furtherance of the scheme

The Government of India have recently finalised their Subsidised Industrial Housing Scheme Under the Scheme houses are to be constructed for industrial workers through the agency of State Governments Statutory Housing Boards employers and registered co operative housing societies of industrial workers The Central Government would assist financially these agencies both in the form of subsidies and loans For housing schemes undertaken by State Governments or Housing Boards the subsidy will be to the extent of 50 per cent of the cost of construction and the loan also to the extent of 50 per cent In the case of other housing schemes the subsidy and loan will be to the extent of 25 per cent and 37½ per cent respectively The Government of India also allotted during 1952 53 a sum of Rs 716 625 lakhs for the *industrial housing scheme*

The Planning Commission has also proposed a programme of industrial housing, the main feature of which is the construction of about 25 000 housing units every year in the principal industrial centres It has also proposed the creation of National Housing Fund

The subject of industrial housing has also been engaging the attention of several State Governments in recent years The Governments of Bihar, Bombay Madhya Pradesh Punjab, U P Madhya Bharat Mysore, Travancore-Cochin, have in hand schemes of industrial housing and some of the States, as for instance Bombay, have made substantial progress in regard to the construction of new houses

As regards housing accommodation provided by employers the standards vary widely In *the cotton mill* industry only a small proportion of the workers are provided with houses The jute mills in and around Calcutta have provided housing for about a third of their workers but the standards of housing provided leave much to be desired In the engineering industry only the larger units generally provide housing for their employees The Tata Iron and Steel Co

for instance, have provided 11,900 houses at Jamshedpur The cement industry in India is much ahead of other factory industries in regard to the proportion of workers housed as well as the standards of housing provided

In the coal mines up to 80 per cent of the workers are housed in dhowrahs free of rent Under the housing scheme of the Coal Mines Labour Welfare Fund constituted by the Government of India for coal miners over 1 500 houses have been completed The mining companies in the Kolar Goldfields in Mysore have provided over 12 000 houses for their employees

In the plantations nearly all the settled labour force have been provided with housing but the scale and standard of houses provided are far from adequate However in recent years the industry has become keenly alive to the urgency of the problem and at a Tripartite Conference held in November 1950 the planting interests have agreed to replace the existing sub-standard houses by stages spread over 12 years The number of houses provided for plantation labour up to September 1951 was as follows Assam and Bengal 323 865, Bihar 1 531, Madras 22 864 Orissa 40, U P 108, Mysore 2,171 Travancore Cochin 18 216 Coorg 1 877

The Government Railways have provided more than 2 00 000 units of residential quarters for their employees Over 9 000 new quarters were built by the railways during 1949 50

Several co operative housing societies have recently been formed in Ahmedabad through the efforts of the Ahmedabad Textile Labour Association

Out of the 24 0 0 tenements sanctioned under the Central Government's subsidized industrial housing scheme 4 570 had been constructed *upto the end of* Nov 1953 and 6,888 were under construction

Under the industrial housing scheme of 1949 2 8 6 tenements had been constructed and 940 were under construction

Under the Bihar State industrial scheme financed by the Centre 763 tenements had been *constructed and 316 were under construction*

SHELTERS, CANTEENS

Section 47 of the Factories Act, 1948 makes it obligatory for all factories employing more than 150 workers to provide adequate shelters and a suitable lunch room for the use of workers during periods of rest Almost all large industrial establishments had provided tiffin rooms and rest shelters for their workmen Most concerns had also permitted the establishment of tea *stalls on the premises but* apart from this, little effort had been made to run co operative canteens on the lines of those which are associated with most of the large factories in the West

About the middle of the year 1943 the Government of India recommended to all employers through the Employers Federation of India and the All India Organisation of Industrial Employers, the opening up of more canteens for workers

The Act of 1948 provides for the setting up of creches in factories that employ more than *50 women*

Except for the Ahmedabad Textile Labour Association the Railwaymen's Unions, and the Mazdoor Sabha of Kanpur Labour unions have not done much by way of labour welfare This has been due largely to lack of funds Some of the Railwaymen's Unions have organised co operative societies and various kinds of funds for the provision of specific benefits such as legal defence death and retirement benefits, unemployment and sickness benefits and life insurance etc

In 1939 *the Bombay* Government first organised model welfare centres From 1939 to 1952 the complexion of the Labour Welfare Department has undergone considerable *change* In all there are now 54 centres classified under four classes—'A 'B ' C and D At *Bombay* there are 3 'A' class, 13 'C' class and 2 'D' class centres, located in various parts of the city at Ahmedabad, 1 A class and 8 C class centres, at Sholapur there are 1 'A' class and 8 'C' class centres, at Jalgaon, Hubli and Dhulia there is 1 'B' class and 1 'C' class centre *each* There is one *B* class centre each at Poona, Baroda Gadag Barsi Viramgaum Broach, Surat and Nadiad 'A' class centres have a full time nursery school for children, a women's section providing literacy, sewing and embroidery classes and suitable games, outdoor games and gymnasium with all facilities for men, and separate arrangements for water taps and shower baths for both men and women Static as well as circulating libraries are attached to these centres, radio sets are provided, monthly cinema shows are arranged, and well equipped dispensaries are attached 'B' class centres are intended to be a replica of 'A' class centres but on a very much smaller scale C' class centres provide indoor recreation and educational facilities, static and circulating libraries and dispensaries 'D' class centres provide only outdoor recreation, such as games and sports

Welfare centres have also been opened in Bihar (2) in U P (33) in West Bengal (18) Mysore (2), Saurashtra (15) and Travancore Cochin (3)

MEDICAL FACILITIES

Medical facilities provided by employers range from first aid posts and dispensaries to first-class hospitals There are some examples in which first rate medical facilities are provided The Tata Iron and Steel Co maintain a large well equipped hospital with 400 beds and also 8 outdoor dispensaries The Delhi Cloth Mills maintain a hospital which is fully equipped with X-ray apparatus and other modern appliances, and which gives free medical aid to both mill workers and their families and free food to indoor patients The hospital at the Kolar Goldfields is a model of its kind The Buckingham and Carnatic Mills of Madras and the three important groups of employers of the Assam Oil Co at Digboi have also provided adequate medical facilities In all railways in India there are medical departments under the control of chief medical and health officers with divisional medical officers seconded by a number of assistants

Although the Factories Act requires that provision should be made for washing especially in factories where workers come into contact with injurious or obnoxious substances, very little effective provision exists in this regard because most factories only provide water for washing but not soap soda, towels etc As for bathing facilities, extremely few employers provide this amenity Section 42 of the Factories Act 1948 provides for the maintenance of such facilities in every factory

Other types of welfare work done by factories relate to the *provision of recreational facilities*, amenities for the education of workers and their children the provision of cost price grain shops, the establishment of co operative societies etc

On railways there are educational facilities for the children of the employees mostly free of charge Staff Benefit Funds have also been created which give monetary help to the children and widows of the deceased employees

COAL MINES WELFARE FUND

This Fund was constituted under the Coal Mines Labour Welfare Fund Act of 1947 The principal objects for which this fund is to be utilised are defined in the Act These are (1) the improvement of standards of living including housing and nutrition, the amelioration of social conditions and the provision of recreational facilities for the benefit of the labour employed in the coal mining industry, (2) the provision of transport to and from work, (3) the improvement of educational facilities, (4) the provision of improvement of supplies of water, and (5) the improvement of public health and sanitation, the prevention of disease, the provision of medical facilities and the improvement of existing medical facilities The Act makes provision for the appointment of an Advisory Committee consisting of Government Officers and an equal number of members representing colliery owners and workers employed in the coal mining industry of whom one has to be a woman

Both the cost of administration of the fund and the salaries and allowances of the officers appointed in connection therewith are to be defrayed from the fund itself

At present a cess of six annas per ton of coal or coke has been levied for being credited to the welfare fund The principal activities of the fund which are financed out of this cess may be considered under the following heads —

(i) Housing
(ii) Hospitals
(iii) Prevention of disease
(iv) Water supply
(v) Pit head baths and creches and others

The cess is now being apportioned between the Housing Account and the General Welfare Account of the fund in the ratio 2 1 A Coal Mines Labour Housing Board consisting of eight members has been set up For the coalfields in Madhya Bharat a separate Housing Sub-Committee has also been appointed Certain difficulties have been experienced in rapidly carrying out the programme and the progress made so far has, therefore, been somewhat slow To speed it up a new scheme has been drawn up by Government Under this scheme a subsidy of up to 50 per cent of the cost of construction of houses built by colliery owners in accordance with the specifications prescribed by the Coal Mines Labour Welfare Fund will be paid by the Fund

The fund gives certain grants and subsidies to various other funds such as the Leper Fund

The regional hospitals and maternity child welfare centres at Katras and Tisra in the Jharia coalfield and Chora and Searosole in the Raniganj coalfield were opened The central hospital for Jharia coalfield has been opened and the construction of a central hospital for the Raniganj coalfield has started

For the prevention of disease, grants are being made to the Mines Boards of Health and a scheme for the treatment of tuberculosis has been drawn up Anti-malaria work is also in full progress

The construction of pit-head baths and of creches has now been made compulsory

Mica Mines Labour Welfare Fund —The Mica Mines Labour Welfare Fund Act, 1946, which was designed to constitute a similar fund for the benefit of mica workers, provides for the levy of an *ad valorem* duty not exceeding 6¼ per cent on all mica exported from India The Act provides also for the constitution of two Advisory Committees, one for Madras and one for Bihar In Madras three dispensaries have been started for use by mica miners and five radio sets have been installed in selected mica mining centres

PENSIONS, GRATUITIES

All monthly and time rated workmen *in the industrial establishments of* Government are entitled to pensions on retirement provided that a minimum of ten years' service has been put in Outside Government concerns, pensions on retirement are almost non-existent although some concerns give small pensions to old employees who have put in long periods of trusted and faithful service but these are mostly *ex gratia* and cannot be *claimed as of right*

All railway employees and the employees of local and public bodies and a few of the larger public companies receive gratuities on retirement Gratuities are also paid to non pensionable workers who have put in not less than thirty years' service in Government concerns

In all cases specified periods of qualifying service have to be put in before gratuities can be earned The rules of individual administrations vary widely but the most generally accepted principle is half a month's pay for each year of service limited to fifteen months' pay in all Permanent Government servants who have put in less than ten years active service are entitled to gratuity if they are compelled to retire on medical certificate

A few large industrial establishments in India have started Retirement Benefit schemes where an account is opened for every individual worker to which a fortnight s or 13 days' pay is credited every year Interest is allowed and the amount standing to a worker s credit is paid to him on retirement

The Provident Fund Rules of different State Governments in India are by no means uniform The Government of Bombay, by a notification dated 20th March 1941, made it compulsory for all Government servants in receipt of a monthly income of Rs 50 per month who joined Government service before that date or of Rs 25 per month who joined after that date to subscribe to the Government Provident Fund Pensionable Government servants can only join the non contributory section of the Fund

Compulsory Schemes —Compulsory contributory schemes are provided for all permanent workmen in the factories owned by certain public bodies such as the Bombay Port Trust , whilst both compulsory and optional non contributory and contributory schemes obtain for permanent workmen in the factories owned by most municipalities Most of the larger public utility companies and corporations such as the Tata electricity generating and distributing plants, the Bombay Electric Supply and Tramways Company, Ltd , and the Burmah Shell Corporation, to mention only a few of many, provide contributory schemes for the benefit of the majority of their workmen Several others have schemes for their supervisory and clerical establishments but not for their workmen

The most usual amount of deduction from pay is one-twelfth of the monthly pay but the amount contributed by employers varies from 50 per cent to 100 per cent of the amount put in by the employee

As a result of the recommendations of the Board of Conciliation appointed by the Government of India, workers in coal mines are now entitled to a contributory provident fund

On 15th November 1951 an Ordinance to provide for compulsory provident funds for employees in Cement, Cigarettes, Engineering Iron and Steel, Paper and Textile industries was promulgated Later, the Ordinance was replaced by an Act of Parliament A provident funds scheme under the Act was prepared and brought into force from October, 1952

Profit sharing in this country has mostly taken the form of payment of bonuses according to the profit making ability of a concern The question of bonus has already been dealt with elsewhere

Under the Factories Act, 1948, the factory employees are entitled to a minimum of 10 days holidays with pay in the year However the recent tendency for many units particularly in south India, has been to allow holidays with pay in excess of this limit In many of the recent awards of Adjudicators, leave with pay up to 14 days has been awarded

LABOUR ADMINISTRATION

Apart from dealing with labour legislation and labour conditions and attempting and bringing about uniformity of standards in the different States the Ministry of Labour of the Government of India has recently undertaken additional responsibilities for the placement of civil and military demobilized personnel, refugees, etc It has continued active co operation with organized employers and labour organizations through the Tripartite Labour Conference and Standing Labour Committee

Apart from the main Secretariat of the Ministry of Labour it has several attached and subordinate officers The activities of some of these have been described in the relevant sections, such as Employment Exchanges and Resettlement, Miners' Welfare Fund, etc , and notes on some others are briefly given below

Labour Bureau —To meet the ever growing needs of Government, industry and labour for accurate and reliable information relating to labour conditions, labour legislation, etc , the Central Government established on 1st October 1946, a Labour Bureau

Among other things the Bureau edits the *Indian Labour Gazette* and the *Year Book*

Chief Labour Commissioner —The Central Government, in the Ministry of Labour have also appointed a Chief Labour Commissioner This officer is in charge of industrial relations and conciliation, labour welfare, operation of labour laws, and maintenance of information regarding wage rates and conditions of work in Central undertakings There are a number of deputies working under him known as Regional Commissioners

Chief Adviser of Factories —In order to ensure uniformity in the administration of the Indian Factories Act and to improve conditions generally in Indian factories, the Government of India have appointed an officer designated the Chief Adviser of Factories The Chief Adviser has a number of deputies including deputies who attend to matters relating to the health of the workers and the sanitation and cleanliness of factories

INDIA AND THE I L O

India joined this organisation at the very start and since 1922 has been one of the eight leading industrial countries in the world and as such has been allotted a permanent seat on the Governing Body of the Organisation India also contributes liberally towards the finances of the Organisation In 1953 India s contribution amounts to U S $267,173 which is about 4 13 per cent of the total contribution of all member States India s share in the appointments of the office is, however, somewhat inadequate The number of Indian nationals employed in the Geneva office is 11 The Indian Branch at New Delhi employs a director and three officers with other necessary staff

India has so far ratified 19 out of the 100 Conventions adopted by the International Labour Organisation but has in addition incorporated into its national legislation the essential features of many other Conventions

The following is a list of Conventions ratified by India —

1. Hours of Work (Industry) 1919
2. Night Work (Women), 1919
3. Night Work (Young Persons) 1919
4. Right of Association (Agriculture), 1921
5. Weekly Rest (Industry), 1921
6. Minimum Age, 1921
7. Medical examination of Young Persons (Sea), 1921
8. Workmen's Compensation (Occupational Diseases), 1925
9. Equality of Treatment 1925
10. Inspection of Emigrants, 1926
11. Seamen s Articles of Agreement, 1926
12. Marking of Weight, 1929
13. Night Work (Women) (Revised), 1934
14. Underground Work (Women), 1935
15. Protection Against Accidents (Dockers) Convention 1929, Revised in 1932
16. Final Articles Revision Convention, 1946
17. Labour Inspection 1947
18. Night Work (Women) (Revised) 1948
19. Night Work of Young Persons (Industry) (Revised), 1948

A Plenary Conference of the representatives of workers, employers and Governments met on August 7, 1942 at New Delhi and decided that a collaborative machinery composed of the representatives of Governments, employers and workers in India should be established forthwith for the consideration of all questions relating to the condition of labour

Since then tripartite labour machinery has developed in India both in the States and the Centre The Central Tripartite machinery consists of the Indian Labour Conference, the Standing Labour Committee, the Central Advisory Council and industrial committees for plantations cotton cement leather and coal industries The Labour Ministers Conference is closely associated with this machinery Matters regarding general labour policy labour legislation etc are discussed at the Indian Labour Conference and the Labour Ministers Conference Most of the State Governments have set up State Labour Advisory Boards which are also tripartite in character

*

FORESTS

STATE Forests 1 82 539 sq miles, Forests owned by corporate bodies 1 369 sq miles Private Forests 58 196 sq miles.

Total Forests 2 42 104 sq miles Percentage of Forests to Land 19 190

Allotment under Five Year Plan Rs 11 69 crores

There are seven different types of forest in India tropical forests southern sub tropical and temperate forests northern sub tropical forests northern temperate forests, Alpine forests special forest types and bamboos

The general policy of the Government in relation to forests was definitely laid down in 1894 by the classification of the areas under the control of the Department into four broad classes, namely —

(a) Forests the preservation of which is essential on climatic or physical grounds These are usually situated in hilly country where the retention of forest growth is of vital importance on account of its influence on the storage of the rain fall and on the prevention of erosion and sudden floods

(b) Forests which afford a supply of valuable timbers for commercial purposes such, for example, as the teak forests of the centre and the south the sal forests of the north the centre and the north east and the deodar and pine forests of the north-western Himalayas

(c) Minor Forests, containing somewhat inferior kinds of timber and managed for the production of wood fodder, grazing and other produce for local consumption, these forests are of great importance in agricultural districts

(d) Pasture lands —These are not forests' in the generally understood sense of the term but grazing grounds managed by the Forest Department merely as a matter of convenience

The forest business of the Government of India is carried on in their Departments of Agriculture

The Inspector General of Forests is the technical adviser to the Government in forest matters

Forests are however, a provincial subject

For purposes of administration the States are divided into one or more Forest Circles, each in charge of a Conservator of Forests, usually States containing three or more circles also have a Chief Conservator who is the head of the Department for his State Circles are divided into a number of Forest Divisions, in charge of members of the superior Forest Service Each Division contains a number of Ranges in charge of Forest Rangers or Deputy Rangers, heavy Divisions are also sometimes divided into Subdivisions The Ranges are further subdivided into a number of rounds and beats

The forest staff is trained at the following institutions

Indian Forest College Dehra Dun
Indian Forest Rangers College Dehra Dun
Madras Forest College Coimbatore

Bombay and Mysore have their own institutions to train rangers

Forest education is under the charge of a Director who is himself under the President Forest Research Institute Dehra Dun where all research work is conducted This Institute was opened in 1929 November

Silviculture which deals with all the production side of forestry, is under the direction of a Silviculturist Much of the actual research work is however, decentralised and done by local State silviculturists in the States but the Central Silviculturist co ordinates their work does all the statistical computing and acts as an information bureau on silvicultural matters for the whole of India

FOREST PRODUCE

Forest produce is divided into two main heads—(1) Major produce, *i e*, timber and firewood, and (2) Minor produce, comprising all other products such as bamboos, canes, leaves, fruits, fibres, grasses, gums, resins, essential oils, medicinal and poisonous plants, fatty oils and fats, dyes tans and animal and mineral products All aspects of research on the minor forest produce such as survey, methods of exploitation and cultivation are dealt with by the Minor Forest Products Branch and their chemistry and processing into articles of trade and industrial use by the Chemistry of Forest Products Branch

The annual outturn of timber and fuel from all sources averages about 306 million cubic feet

In the Andamans notable developments have taken place In the past, extraction of timber was done by elephant dragging with the result that only a fringe of the forests could be touched Attempts were made in employing American methods of mechanical logging, for which machinery was bought and an American expert employed to take charge of the work The costs of extraction, however, by these means proved too high Recently the problem has been solved by means of light tramways the trains of trucks being drawn by elephants which have been superannuated from ordinary work, and it has been found possible in this way to work large, hitherto inaccessible areas of forest very cheaply

If accurate estimates were available for the country they would show that apart from the jungle population which is directly dependent on the forests and the large numbers of wood cutters, sawyers carters, carriers craftsmen and others working in and near them employment on an enormous scale is provided to persons engaged in working up the raw products The census shows nearly a million people and their dependents so employed in the country and nearly a further half million in the States but these are probably below the actuals as much forest labour is not whole time labour devoting seven or eight months in the year to forest work and the rest to agriculture

The general practice of the Forest Departments in the Government of India and the various States is to conduct their own sales direct with timber dealers or large consumers though there are notable exceptions Indian timber marketing in England (especially Andaman timbers) is now done under the direction of a Timber Adviser who is attached to the Office of the High Commissioner for India Sales of Indian timbers and especially timbers from the Andamans are steadily increasing

A large number of bulletins and other publications are issued by the Forest Research Institute Of these a list can be obtained from the Publicity and Liaison Officer Forest Research Institute New Forest Dehra Dun who maintains close liaison with trade and industry

FOREST IN INDIA (1948-49)

(Rupees in thousands)

State	Revenue	Expenditure	Surplus
Assam	6 343	3 406	2 937
Bihar	4 295	3 104	1 191
Bombay	30 843	10,982	19 861
Madhya Pradesh	16 846	7 309	9,537
Madras	15,715	7 866	7 849
Orissa	2 190	1 222	968
Punjab	6 210	4 961	1 249†
Uttar Pradesh	25 016	8 448	16 568
West Bengal	6 205	4 088	2 117
Total	113 063	51,386	62 277
Hyderabad	5,522	2 621	2 901
Jammu and Kashmir	2 845	1 933	912
Mysore	3 890*	2 332	1 558
PEPSU	485	248	237
Rajasthan	3 694	1 334	2,360
Saurashtra	358	241	117
Travancore Cochin	11,215	4 985	6,230
Total	28 009	13 694	14 315
Ajmer	230	145	85
Bhopal	83)	180	655
Bilaspur	173	40	133
Coorg	2 339	731	1,608
Himachal Pradesh	6,344	1,860	4 484
Kutch	10	22	(—) 12
Manipur	142	59	83
Tripura	942	147	795
Vindhya Pradesh	4 293	760	3,533
Total	15 308	3,944	11 364
Andamans	5,248	4,239	1,009
Forest Research College	200	1 934	(—) 1,644
Grand Total	162 518	75,197	87,321

† Excludes a sum of Rs 3 69 lakhs, being expenditure on Post War Construction and Development Scheme
* Excludes sandal oil net receipts

The area and classes of forest State-wise are shown in the table below

State	Forest Area in Sq Miles			Total
	Reserved	Protected	Unclassed	
Assam	6 582	93	14 254	20 929
Bihar	1 408	919	146	2 473(*a*)
Bombay	11 927	953	2 867	15 347(*b*)
Madhya Pradesh	19 414			19,414
Madras	17 449	55		17 504(*c*)
Orissa	1 396	1 478		2 874
Punjab	159	4 461(*d*)	253	4 873
Uttar Pradesh	8 932	885	926(*k*)	10 743(*e*)
West Bengal	2 673	1	6	2 680
TOTAL	69 940	8 445	18 452	96,837
Hyderabad	5,055	3,867	533	9 455
Jammu and Kashmir	10 171	754	133	11 058(*f*)
Mysore	3 871	488	89	4 448
PEPSU	103	89	140(*g*)	332
Saurashtra	565		66	631
Travancore Cochin	2 988	77		3 065
TOTAL	22 753	5,275	961	41 771(*j*)
Ajmer	73		Negligible	73
Bhopal	1,209			1 209
Bilaspur	Negligible	48	152	200
Coorg	517	26(*h*)	286(*h*)	829
Himachal Pradesh	627	1 646	726	2,999
Kutch	169			169
Manipur	329	530	1 391(*i*)	2,250
Tripura	1,020		2 590	3,610
Vindhya Pradesh	3 503	1 425	3 040	7 968
TOTAL	7,477	3 675	8 185	19,307
The Andaman and Nicobar Islands	1 498	554	137	2 189
GRAND TOTAL	101 668	17 949	27,735	160,104(*j*)

(*a*) Excludes 254 sq miles not under Forest Department
(*b*) Includes 169 sq miles under private individuals and 5 sq miles under corporate bodies, but excludes 2,157 sq miles controlled by Revenue Authorities
(*c*) Includes 2,046 sq miles of Panchayat forests class III transferred to the control of the Forest Department and excludes 1,314 sq miles under Panchayat management and 7 sq miles under the management of other departments
(*d*) Excludes 1,322 sq miles of forest area under section 38IFA (229 sq miles), Chispet (1900) (764 sq miles), Civil Management (2 sq miles) and leased forests (327 miles)
(*e*) Excludes 8,034 sq miles of forest area not under Forest Department
(*f*) Includes areas in Poonch and Chinam Jagirs under Enemy occupation
(*g*) This forest area is owned by villagers individually or collectively
(*h*) These Forests are not under the control of the Forest Department
(*i*) These Forests are controlled and managed by S D O s Forest Department Realises only the surcharge and royalty
(*j*) Includes 12 782 sq miles for which details are not available
(*k*) Includes 500 sq miles owned by corporate bodies

AGRICULTURE

SOME major figures about Indian agriculture Area of India 811 mil acres, area available for land utilization 614 mil acres (rest is mostly unsuitable for cultivation), uncultivated area 247 mil acres (forest 93 mil acres, area not available for cultivation 96 mil acres fallow 58 mil acres), area actually sown 266 mil acres, total cropped area taking into account area sown more than once 320 mil acres, area sown with food crops 235 mil acres, area sown with non food crops 31 mil acres, total area irrigated 49 mil acres

Average rainfall 45", deficiency of 25 per cent is classed dry, deficiency of 40 per cent severe *drought*, usually one year in five is a dry year, one in ten, a year of severe drought

The following table* will show the area under principal crops and the yield

(In thousand acres) *(In thousand tons)*

Crops	Average Area			Average Production		
	1949-50	1950-51	1951-52 (a)	1949-50	1950-51	1951-52
Food Crops						
Rice	75 414	75 975	75 50)	23,170	20 295	20 767
Jowar	38 335	38 419	38 329	5,777	5 403	5,509
Bajra	22 881	22 267	21 856	2,790	2 549	2,153
Maize	8,061	7 794	8,003	2,014	1 701	1,959
Ragi	5 450	5 444	5,296	1 520	1,407	1,167
Small millets	13 382	11,305	11,17)	2,242	1 707	1,805
Wheat	24 114	24 134	23 235	6 200	6,374	5,768
Barley	7,860	7 701	7 800	2 215	2 341	2 136
Gram	20 497	18,709	16 719	3 667	3 593	3 157
Sugarcane (b)	3 624	4 214	4 727	4 938	5,616	5 895
Potato	503	588 (a)	617 (c)	1 474	1 629	1 596 (c)
Non food Crops						
Tobacco	860	902	764	264	263	225
Sesamum	5 05)	5 629	5 731	431	453	441
Ground nut (d)	9 832	11,130	11,7 5	3 379	3,437	3 037
Rape and mustard	4 781	5 097	5 707	793	748	900
Linseed	3 759	3 447	3 298	411	361	309
Castor seed	1 458	1 378	1 423	128	104	104
Jute (e)	1 163	1 454	1,951	3 089	3,301	4,678
Cotton (e)	12,173	14 556 (a)	16,213	2,128	2 971 (f)	3,134

(a) Final estimate
(b) Figures for production expressed in terms of raw sugar (*gur*)
(c) Second estimate
(d) The production is in terms of nuts in shell
(e) Figures for the production of jute and cotton are in thousand bales of 400 lb and 392 lb each respectively
(f) Revised estimate

The figures for cereals and gram include estimates for the non reporting areas while for other crops the figures relate to reporting areas only

The agricultural season is divided into two main sub divisions the Kharif season of the monsoon and the Rabi season of the cold weather Each of these seasons has its own distinctive crops

The ground is generally prepared for cultivation in April and May for kharif crops, and by the end of October or early November for rabi crops, *i e*, after the kharif crops have been harvested Kharif crops are sown in the monsoon, generally after the first shower The usual time for sowing of rabi crops is the middle of November

The chief Kharif crops are rice jawar, bajra, maize, cotton, sugarcane, sesamum and groundnut The chief Rabi crops are wheat, barley, gram, linseed rape and mustard.

The harvest comes on the market as follows Kharif crop (Nov 1), Rabi crop (May 1), Rice (Nov 1), Wheat (May 1) Sugarcane (Nov 1), Cotton (Sept 1), Jute (July 1), Kharif oil seeds (Nov 1), Rabi oil-seeds (April 1), Tea (Jan. 1), Coffee (July 1), Sugar (Jan 1)

SOILS

Four main soil groups can be recognised in the sub-continent *viz*, (1) the red soil derived from rocks of the Archæan system which characterizes Madras Mysore and the south east of Bombay and extend through the east of Hyderabad and Madhya Pradesh to Orissa, Chota Nagpur and the south of W Bengal (2) the black cotton or *regur* soils which overlie the Deccan tract and cover the greater part of Bombay, Berar and the western parts of Madhya Pradesh and Hyderabad with extensions into central India and Bundelkand, *regur* soils also occur in Madras though not so typical as proper *regurs*, (3) the great alluvial plains agriculturally the most important tract in the country as well as the most extensively cultivated includes mainly the Indo-Gangetic plain embracing northern Rajasthan, most of the Punjab area, the plains of Uttar Pradesh most of Bihar and the West Bengal area and half of Assam and (4) the laterite and lateritic soils which are found in the east a belt round the Peninsula and extend through West Bengal into Assam and Burma Besides these soils there are muck soils in Travancore and forest soils in the northern part of India

In addition to the four main groups of Indian soils mentioned above, the desert soils of the sub continent occupy a large tract in Rajasthan and the south Punjab area of which the Thar—Rajasthan desert—alone occupies an area of 40 000 square miles Saline and Alkali soils also form an important group of Indian soils which are known as *reh* or *usar* in Uttar Pradesh *rakkar* and *thur* in the Punjab and *chopan* or *karl* in Bombay State Such soils are characterized by a high degree of impermeability and "stickiness" together with high alkalinity and frequent presence of large excess of free salts They are usually poor in nitrogen and humus and unsuitable for crop growing without previous reclamation A considerable amount of working the reclamation of these soils has already been done in the Punjab area and Bombay which shows the possibility of bringing these unproductive lands back to cultivation Forest soils occupy a large part of the sub-continent. Investigations on the nature of soil profiles of the Chaubatia Hill in U P and of the Kulu Forest in the Punjab area indicate that these soils belong to the brown earth and podsol groups

The important question of soil conservation and development is receiving greater attention A sample soil conservation survey conducted over 80 000 acres of the scarcity tract of Bombay State reveals that over 71 per cent of the land surface has been denuded either partially or severely out of which about 32 per cent is unfit for crop growing

A basic soil region map of India has been prepared at the Indian Agricultural Research Institute This will enable each soil region to be used according to its capabilities and treated in accordance with its needs

Run off and soil loss studies on black soils of the Deccan derived from basalt have been carried out at the dry farming research station at Sholapur and Bijapur (Bombay) and at Hagari (Madras) The average percentage run off of total annual rainfall is 18, 22 and 20, and the average soil loss in tons per acre per year, is 44, 8 and 6 at Sholapur Bijapur and Hagari, respectively on 1 25 per cent slope Similar studies are also in progress on the red and laterite soils derived from granite at Nanjanad (Madras), and from old alluvium at Shantiniketan (Visva Bharati Soil Conservation Research Station West Bengal) At Nanjanad, in one season the soils loss on 20 per cent slope was 1 ton per acre under sod and six tons per acre in cultivated fallow At Shantiniketan, the soil loss is as much as 23 tons in a year in a bare plot on 1 7 per cent slope

Under the Technical Co operation Administration Programme a research project on soil fertility and fertilizer use has come into operation at the Indian Agricultural Research Institute Under this project the twenty major soil regions of India have been grouped into six zones (Poona, Delhi, Kanpur Nagpur, Coimbatore and Sabour) for purposes of soil survey and collection of soil data

Out of the total cultivated area in the Indian Union of 266 372 million acres about 48 652 million acres are irrigated annually Of this area 19 8 million acres are irrigated by canals, 12 88 million acres by wells, 8 174 million acres by tanks and 7 78 million acres from other sources The percentage of irrigated area to total cultivated area is however, small, being only 18 27 per cent Protective irrigation works have made agriculture stable instead of precarious in many districts

About one quarter of the total irrigation of the country is got from lifting water from wells ranging in depth from a few feet to over fifty feet

Tank irrigation is common in central and southern India Large quantities of rain water are stored in lakes (or tanks) during the rainy seasons and distributed during the drier seasons of the year Often the indirect effect of the tank in maintaining the sub-soil water level is as important as the direct irrigation.

Construction of temporary Bandharas across streams and small rivers after heavy monsoon period is over is also common in parts of Bombay and Madras States for irrigation during the drier Rabi period

The great bulk of agricultural land in India is deficient in organic matter In the other agricultural countries of the world, this want is usually met by the return of farmyard manure to the land or by the use of compost made from crop residues and similar waste organic materials In India, however, cattle dung is largely utilised as village fuel and only about 40 per cent of it is used for manurial purposes

RICE

Rice crop occupies the largest area in the Indian Union, 75.6 million acres giving an average yield of 632 lb of rice per acre The annual consumption of rice in the country is more than the production and there is always a deficit to

* For estimates of production for 1952 53 and for production by State see under "Food".

the extent of 8 to 10 per cent of the total production In the past, this deficit was usually met by imports from south east Asian countries especially Burma which alone used to supply about 1 7 million tons of clean rice annually

Rice is a predominantly tropical crop requiring warm temperature and high humidity It requires 70°-100°F temperature throughout its growing period and in India, its distribution follows the rainfall line Where the annual rainfall exceeds 80" rice is predominant, with 30" 80" it is still an important crop while under 30" it is grown mostly with irrigation The principal rice growing areas are located in southern and north eastern India On area basis Madras, Bihar, Bengal, Orissa, Madhya Pradesh, Uttar Pradesh, Assam and Bombay are the main rice growing States and they together claim about 9o per cent of the total rice area in India

The bulk of the rice is winter crop, *i e*, sown in June July and harvested in November December, but there are rices grown in different seasons the harvest coming in summer, autumn or winter

The wide range of conditions under which rice is grown in India has given rise to a large number of varieties differing greatly in quality and maturity period There are about 4,000 distinct types of rice in India

As already stated, the average rice yield in India is low being only about 723 lb of cleaned rice per acre as compared to 2,350 lb in Japan The low yields of India are due to the following causes —1 Lack of assured and timely irrigation water in all rice areas 2 The low level of soil fertility and the general absence of fertilizing practices 3 Use of indifferent seeds and inefficient methods of cultivation and 4 Losses due to the incidence of diseases and pests

As regards the improved varieties, a large number of high yielding improved varieties totalling about 300 have already been evolved by the various State Agricultural Departments However the systematic multiplication and distribution of these varieties still remain to be done on a wider scale

The manuring of rice is even more important for increasing the acre yields The results of a large number of manurial experiments indicate that by the application of moderate doses of nitrogenous fertilizers, specially ammonium sulphate and organic manures like compost oil cake and green manuring the yields can be raised by about 25 to 30 per cent

In view of the importance of the crop in India s agricultural economy, the Indian Council of Agricultural Research has been subsidising since 1932 a chain of research stations all over India and has through them organised a co ordinated scheme of rice research covering the entire rice growing regions of the country

Considering the importance of rice crop to Indian Agriculture, the Union Government had set up a Central Rice Research Institute at Cuttack in Orissa in 1946 For stepping up the rice yield in the country a scheme of hybridisation between *Japonica* and *Indica* rices is being worked at this Institute The *Japonica* varieties are high yielding, give a better per cent of rice to paddy, have short, non lodging straw and respond to intensive manuring while the *Indica* group germinates quicker, has better tillering capacity and is resistant to drought and diseases

Japanese Method

The Japanese method of cultivation was first tried at Kosbad Agricultural School and Agricultural Research Station, Karjat By this method, the yield of paddy could be stepped up more than 2 3 times the yield obtained at present under local practice This method as more emphasis is laid on higher doses of fertilisers, is only recommended where adequate moisture supply is assured The main important items of the Japanese method of paddy cultivation are — Growing seedling on raised seed bed with the help of organic bulky manure and inorganic fertilisers, instead of *rabbing* (burning seed bed) which is the local practice in Bombay Using less seed per unit area to get healthy and vigorous seedlings instead of high seedrate used locally, Grading of seeds and treating with perenox as a precaution against blast disease Green manuring wherever possible with San (Crotolaria Juncea) in fields at higher levels and *Dhaincha* (Sesbania aculeata) in low lying fields, Application of bulky organic manures like compost or F Y M up to 10 cart loads per acre *i e* 10 000 lbs , To plant the seedlings straight while transplanting and planting them in lines to facilitate after cultivation To use only 3 4 seedlings per bunch as they are healthy and vigorous, Application of heavy dose of fertilisers at proper time in instalments as recommended for the region, Weeding the field two times and interculturing 3 4 times by a hand hoe as and when required, Proper precautions against diseases and pests as well as treatment with fungicides and pesticides, as and when required, To tie strings as support to the standing crop to prevent damage by lodging at the advanced stage of crop growth, To take a crop of legume, if possible in rabi season after harvesting paddy This enriches the soil and gives some returns

WHEAT

Wheat is grown widely throughout the north as a winter crop, Uttar Pradesh and the Punjab supplying about two thirds of the total area, and nearly three-quarters of the total outturn in the country This crop occupies on an average, about 10 per cent of the total cultivated area The majority of the varieties grown belong to the species *Triticum vulgare* Bombay mostly grows durum wheats in which a number of improved strains are evolved and are spreading rapidly A new improved wheat, called Nipbad 4, having the blood of durum, unglare and dicoceum wheat species has been recently evolved with exceedingly good baking quality Indian wheats are generally white red and amber coloured and are mostly classed as soft from a commercial point of view But there are some well known Maccaroni wheats among these

The crop is generally grown after a summer fallow and except in irrigated tracts, depends largely on the conservation of the soil moisture from the previous monsoon On irrigated land 2 to 4 waterings are generally given The crop is generally harvested in February to April and the threshing and winnowing go on up till the end of May

The total area under wheat is 23 2 million acres and the total area under improved varieties of wheat 8 million acres

Unfortunately wheat is subject to a violent fungus disease called rust , which is a potent factor limiting wheat production in India The magnitude of the loss to the wheat crop during a season in which rust occurs in epidemic form is very great indeed For instance during 1946-47, as a result of severe rust attack, the Madhya Pradesh and certain other parts of India lost nearly 2 million tons of wheat worth 60 crores of rupees

The average yield of maize in India is very poor—only 548 lb (less than 7 mds) per acre

MILLETS

Millets are grown mostly in rain fed areas, supplying food for the poorer classes and fodder for the cattle The varieties vary greatly in quality height and suitability to various climatic and soil conditions Perhaps the two best known varieties are jowar (*Sorghum Vulagre*) the great millet, and bajra the bullrush millet (*Pennisetum typhoideum*) which between them occupy about 50 million acres in the sub continent

Besides the major millets called Jowar (*Sorghum vulagare*), bajra or *Cumbu* (*Pennisetum typhoides*) and ragi (*Elusine coracana*), there are what are known as the lesser or minor millets, such as, Sawan (*Panicum crusgalli*), Same (*a Panicum miliare*), Varagu (*Panicum miliaceum*) Kodon or Kodra (*Paspalum scrobiculatum*), Oodalu (*Echinochloa frumentcea*) and the like forming almost one sixth of the total acreage under millets

Generally speaking, the jowars require better land than the bajras and the distribution of the two crops follows the quality of the soil Both the crops are generally sown in the beginning of the monsoon and so they require to be thoroughly weeded They are grown mixed with the several pulses especially *arhar* (Cajanus Cajon pigeon pea) and other crops and are commonly rotated with cotton The subsidiary crops are harvested as they ripen either before the millet is harvested or afterwards In some States like Bombay *rabi* juar is also an important crop

PULSES

Pulses play a vital role in the Indian diet as they form the primary source of protein for the vegetarian population of the country Some of them form a source of nutritious fodder, while others make excellent green manure crops Being leguminous plants they enrich the soil and rightly form an inevitable component in mixed cropping as well as the linch pin in most crop rotation India is very rich in the varieties of pulses comprising Red gram (*Cajanus cajan*), Bengal gram (*Cicer aurietinum*), Black gram (*Phaseolus mungo*) Green gram (*P rediatum*), Matki (*P aconotifolius*), Horse gram (*Dolichos biflorus*), Mothbean (*Cyampsis psoraloides*) Khessari (*Lathyrus saticus*), various species of the pisum and such like

The total area under different pulses in the Indian Union during the years 1949 50 and 1950 51 was 49,833 000 and 45 835 000 acres and the production was 8,129,000 and 7 624,000 tons respectively Out of this Bengal gram accounts for more than ½ of the production, Red gram following it with about ¼ of production indicating thereby that gram and 'Arhar are the two major pulse crops of the country

Types combining resistance to wilt with high yield are available in *arhar kesari* and *gram* A type resistant to virus is also available in *wal* (field beam) and *kulthi* (horse gram)

COTTON

Cotton is one of the most important commercial crops in the Indian Union. In 1951 52 owing to Grow More Food campaign and favourable weather conditions in certain areas the estimated area and yield increased to 16 2 million acres and 3 1 million bales, respectively, the average yield being 76 lb

There is no Indian cotton belt , the States of Bombay, the Punjab, Madhya Pradesh, Madras, Uttar Pradesh Madhya Bharat, Rajasthan, Saurashtra, PEPSU and Hyderabad, all have important cotton tracts producing distinct types Sowing and harvesting seasons are equally

The seasonal rice crop has different names in different States

State	Autumn	Winter	Spring
Assam	Ahu, Aus	Sali, Bao	Boro
Bihar	Bhadoi	Aghani	
Bombay	Early	Middle	Late
Madhya Pradesh	Early	Late	
Madras	First crop	Second crop	
Orissa	Bhadoi	Winter	
Uttar Pradesh	Early	Late	
West Bengal	Bhadoi, Aus	Aman	Boro

diverse the former extending from May to December in different parts of the country and the latter from October to May and June Yields vary greatly in the best irrigated tracts the normal yield is about 200 lb of ginned cotton per acre and yields much above this have been recorded while in the poorest unirrigated tracts 60 lb per acre is a good crop

SUGARCANE AND SUGAR

The Indian Union after the partition owned as much as 85 90 per cent of the total cane acreage and sugarcane yield and over 95 per cent of the total white sugar production of the undivided sub continent

During 1951 52 crushing season, the peak production of 1 48 million tons of white sugar was obtained the area under sugarcane was nearly 4 73 million acres and the yield of cane (in terms of *gur*) was 5 9 million tons Only about 25 per cent of the total cane produced in the country is crushed in 139 factories which annually function for the manufacture of white sugar while *gur* manufacture utilises about 65 per cent of cane and rest of the cane is consumed for seed *khandsari*, chewing etc

Over 20 million people are engaged in sugar cane cultivation or are otherwise employed in sugar factories, States and Central Governments Sugarcane Research Stations and in the Development schemes U P and Bihar continue to be major sugarcane and sugar producing States in the Union

The Indian Central Sugarcane Committee is a central organisation for co ordinating sugarcane research and development work It has budget provisions for 1953 54 for Rs 8 8 lakhs for sugar cane research and Rs 33 00 lakhs for sugar cane development schemes Another provision of Rs 4 lakhs has been made for the Sugarcane *Research Division* of the Central Institute of Sugar Technology and Sugarcane Research at Bhadruk, Lucknow

OILSEEDS

India is one of the principal oilseeds producing countries of the world Oilseeds crops also find a prominent place in India the major oilseeds (groundnut rape and mustard linseed, sesamum and castor) occupying about 28 million acres during 1950 51 In addition to this, about 16 million acres are under the cotton crop which yields about one million tons of cotton seed

The following are the major oilseeds grown in India —

Groundnut :—India has the largest area under groundnuts in the world She accounted for 40 6 per cent of the groundnut production in the world during 1951 In this country, groundnuts accounted for about 42 5 per cent and 63 8 per cent of the total area and production respectively, under oilseeds crops during 1951 52 Madras ranks first, claiming 35 2 per cent and 49 9 per cent of the acreage and production, respectively under groundnut in India and is followed by Bombay and Hyderabad The area under this crop in India in 1951 52 was 11 755 000 acres and the production was 3,037,000 tons

Rape & Mustard :—Rape and mustard form an important group of crops in the northern parts of the country The chief producing areas are Uttar Pradesh, Bihar, Punjab and Assam The area and production of rape and mustard seeds in India during 1951 52 was 5,707 000 acres and 900,000 tons, respectively

Linseed —The crop grows well under a variety of soil conditions and is raised extensively in India except in the south of the peninsula Madhya Pradesh, Uttar Pradesh, Bihar and Hyderabad are the chief seed producing areas, accounting for about 80 per cent of the total area in India The area and production of linseed in India during 1951 52 were 3,298,000 acres and 309 000 tons, respectively

Sesamum :—Sesamum (Gingelly) or *til* is grown extensively, almost throughout India The crop is however, intensively cultivated in Peninsular India in more than one season in the year The area and production of sesamum in India during 1951 52 were 5,731,000 acres and 441,000 tons, respectively

Castor —The castor plant grows well under varied conditions of soil and climate It is seen to grow almost throughout the length and breadth of India and up to an elevation of 8 000 ft Both perennial and annual types are recognised India comes next to Brazil only in world production and trade of castor seed The area and production of castor seed in India during 1951 52 were 1 423,000 acres and 104 000 tons, respectively The statistics of area and production of this crop are, however, considered as under estimates as no regular reporting is done for the areas sown under mixed crops

India also produces considerable quantities of coconut cottonseed, niger, safflower and *mohwa seed* besides a variety of other vegetable oils both essential and non essential, which are produced in quantities, but for which she holds almost a world monopoly

JUTE

Jute is one of the most important cash crops The fibre is obtained from the bark of two cultivated species of annual plants called *Corchorus capsularis* and *Corchorus olitorius*

Jute is grown in the alluvial soils of West Bengal Bihar Assam Orissa, Tripura and U P It is a Kharif crop and is sown broadcast during February to May on well prepared seed beds

The outturn of dry fibre of jute generally varies from 8 to 25 mds with an average of 11 mds per acre depending upon soil fertility and other factors

The table below gives the acreage and yield of the Indian Union since 1948 after the partition —

Year (Jute year July to June)	Acreage	Jute yield in bales
1948	831 000	2 056,000
1949	1,163 000	3 089,000
1950	1 454 000	3,301,000
1951	1 951 000	4 678 000
1952	1 834,079	4,694,954

Efforts are also directed to improve the quality of Indian jute and various researches are in progress in the Jute Agriculture Research Institute of the Indian Central Jute Committee

TOBACCO

The tobacco acreage in India is not uniformly distributed but is concentrated in certain areas which form distinct tobacco growing centres of considerable commercial importance There are 5 zones of concentrated production *viz* — (1) *North Bihar and Bengal Area* where tobacco is mostly grown for use in hookah (water pipe), (2) *The Charotar (Gujarat) Area* (3) *Nipani Area* (Belgaum, Satara, Kolhapur Sangli and Miraj in Bombay State) where bidi tobacco is extensively grown (4) *Guntur Area* which is the most important Cigarette Leaf (Virginia Tobacco) producing area which runs along the eastern coast, (5) *Southern Madras Area* comprises mainly of Madura and Coimbatore districts of Madras State where cigar, filler and binder tobacco as well as chewing tobaccos are mostly grown

The total area under tobacco in the Indian Union in 1950 51 and 1951 52 were 902,000 and 764,000 acres producing 589 and 504 million lb of dry leaf, respectively

This excludes the quantity retained for personal consumption by the growers

MARKETING AND INSPECTION

There is a Central marketing organization called the Directorate of Marketing and Inspection and a number of State marketing organizations, *e g*, in Bombay, Bihar, Hyderabad, Madras, Mysore, Punjab and West Bengal.

The official in charge of the Central Directorate is designated Agricultural Marketing Adviser The Directorate conducts marketing surveys for a number of commodities and issues reports About 70 reports have so far been published and among the commodities covered are rice wheat, potatoes gram, barley grape bananas citrus fruit, linseed ground nuts cashewnuts, lac, sugar, coconuts tobacco, milk fish, cattle hides, skins, wool and hair sheep and goats eggs, coffee castor seed ghee and milk products, arecanuts rapeseed and mustard, sann hemp and cardamom

The Agricultural Produce (Grading and Marketing) Act, 1937 aims to provide the consumers with a standardized produce of specified purity and quality under a mark of guarantee The process of grading and marking is done commercially on a voluntary basis by packers holding a Certificate of Authorization issued by the Agricultural Marketing Adviser There are now about 550 packers under the various grading schemes

There are grade specifications for several varieties of rice fruit, cotton castor oil coconut oil sann hemp, tobacco, ghee eggs butter, sugarcane gur

In 1951 the latest year for which figures are available commodities worth Rs 20 71 crores were graded

The marketing of certain commodities is also regulated by law in some States For instance, in Madhya Pradesh cotton is regulated in Amraoti in Madras cotton is regulated in Tirupur and Tirunelveli ground nuts in South Arcot and Coimbatore tobacco in Guntur, West Godavari and Coimbatore arecanuts coconuts, ground nuts tobacco turmeric and potatoes elsewhere, in Bombay there are over 50 regulated markets in Hyderabad about 70 in PEPSU about 40 in the Punjab about 60, in Madhya Bharat Gwalior district has 36 in Mysore coconut copra oilseeds and jaggery are regulated at Tiptur, there is also a regulated market at Davangere There are also regulated markets in Ajmer

The principle of compulsory grading of agriculture produce for export has been recognized by the Planning Commission They recommended that grading should be completed over a period of five years beginning with 1951 52

RESEARCH

The Indian Council of Agricultural Research was created in 1929 The Council is divided into a Governing Body composed of State Ministers of Agriculture, certain members of Parliament and representatives of commercial interests, and an Advisory Board consisting of experts The Governing Body is in charge of general affairs and of the funds, while the Advisory Board examines scientific projects submitted to the Governing Body

To afford relief to the Governing Body in the discharge of its executive functions there is a Standing Committee The Governing Body is also assisted by a Board of Research and a Board of Extension The latter is concerned with pilot schemes

The Minister for Food and Agriculture of the Government of India is the president of the Council

In general the Council co ordinates research work, suggests programmes of research, gives financial assistance for approved schemes, and undertakes other schemes of its own

There is now an extension service to make known the results of research work to the cultivator

The annual grants made to I C A R fall under two main heads —(*a*) An annual Government grant for running the administration This varies from year to year according to requirements, and is estimated to be Rs 9,97,800 for 1953 54 (*b*) Payment of the net proceeds of the cess on agriculture produce The income from this source is estimated to be Rs 34,00,000 during 1953-54

Besides these specific grants are made to I C A R for undertaking certain schemes from time to time A sum of Rs 25,14,000 has been provided for this purpose in the 1953 54 budget Most of this amount will be spent on schemes included in the First Five Year Plan

The cess is a customs duty of one half of one per cent *ad valorem* on the following bones, bristles, butter, cereals other than rice and wheat, drugs, fibre for brushes, fish, fruit, ghee hides (raw), manures oil cakes, pulses, seeds, skins (raw), spices tobacco (unmanufactured) vegetables, wheat, wheat flour, wool (raw) This applies to the whole of India except Jammu and Kashmir

A number of Central Committees have been set up to promote the production and marketing of agricultural commodities

Indian Central Cotton Committee, Bombay

Indian Central Jute Committee, Calcutta

Indian Central Tobacco Committee, Madras

Indian Central Oil seeds Committee, New Delhi

Indian Central Coconut Committee, Ernakulam (S India)

Indian Central Sugar cane Committee, New Delhi

Indian Central Arecanut Committee, Calicut (S India)

Indian Central Lac Cess Committee, Ranchi (Bihar)

All India Cattle Show Committee, Karnal (Punjab)

These Committees are financed by the proceeds of a cess levied on the particular commodity For instance, for the Cotton Committee there is a cess of As 4 per bale of 400 lb of cotton for the Coconut Committee there is a cess of As 4 per cwt on copra consumed in Indian mills for the Lac Committee the cess is As 14 per md of export of lac and As 10 for refuse lac exported, for the Oil seeds Committee the cess is 1 anna per md of oil extracted in mills, and annas 2 per md of oil seeds

The Ministry of Food and Agriculture maintains a number of research laboratories

1 Indian Agricultural Research Institute, Pusa, New Delhi
2 Central Potato Research Institute, Patna Laboratory, at Potato Multiplication Sub division, Bhowali (U P) Laboratory, at Potato Breeding Sub-Station Simla
3 Central Rice Research Institute Cuttack
4 Research Laboratory, Central Palm Gur Training School, Cuddalore (Madras State)
5 Forest Research Institute and College, P O New Forest, Dehra Dun
6 Sugar Cane Breeding Institute, Coimbatore
7 Indian Veterinary Research Institute, Izatnagar Mukteswar (U P)
8 Indian Dairy Research Institute, Bangalore
9 Central Vegetable Breeding Station Kulu, P O Naggar, District Kangra (Punjab)
10 Central Marine Fisheries Research Station, Mandapam, P O, Southern Railway
11 Central Inland Fisheries Research Station, Manirampur, Pulta P O, Barrackpur, 24 Parganas
12 Deep Sea Fishing Station, Bombay

A number of research institutes, stations and farms are also maintained by the Central Commodity Committees

The Indian Central Cotton Committee has

1 Technological Laboratory, Matunga
2 Institute of Plant Industry, Indore

The Jute Committee has

1 Jute Agricultural Research Institute, Barrackpore (West Bengal)
2 Technological Research Laboratories, Tollygunge, Calcutta
3 Economic Research Section, Indian Central Jute Committee, Calcutta

The Tobacco Committee has

1 Central Tobacco Research Institute, Rajahmundry
2 Cigar and Cheroot Tobacco Research Station Vedasandur
3 Hookah and Chewing Tobacco Research Station, Pusa, Bihar
4 Cigarette Tobacco Research Sub station, Guntur
5 Wrapper Tobacco Research Station, Dinhatta (West Bengal) (Was to be started in 1953 54)

The Coconut Committee has

1 Central Coconut Research Station, Kasaragod
2 Central Coconut Research Station, Kayangulam

The Sugar Committee has

Sugar cane Sub Station, Karnal (Punjab)

LAND POLICY

In general agricultural policy is made up of the following

Grow More Food Campaign research, land reform, land army (in contemplation)

There are three main systems of land tenure the *ryotwari* or peasant proprietary tenure, where the individual owners are responsible for the payment of land revenue, the *zamindari* or landlord tenure where one or more persons jointly own a large estate and are responsible for the payment of land revenue, the *mahalwari* or joint village tenure where village communities jointly hold an estate and are jointly and severally responsible for the payment of land revenue

The *ryotwari* system prevails largely in Bombay and Madras, the *zamindari* in West Bengal Bihar, parts of Assam Orissa, Madras and Uttar Pradesh, the *Mahalwari* in Madhya Pradesh, the Punjab and parts of U P

The system of intermediaries (zamindars talugdars, jagirdars inamdars, malguzars, and similar special tenure holders) has been abolished in all States wherever they existed

In Bombay, Saurashtra, Madras, Hyderabad, Himachal Pradesh, Delhi, Punjab, PEPSU, Madhya Pradesh, Uttar Pradesh there is also legislation which confers security of tenure fixes rent, puts a limit on the acquisition of land in the future, bans lease of land, vests proprietary rights in occupancy tenants and so on

In Jammu and Kashmir land reform has been more drastic A certain ceiling was fixed to the amount of land a man could hold, and the excess over that was distributed without compensation

The land revenue is assessed differently in different States In the following States it is a fixed share of the net produce Madras 50 per cent, Punjab 25 per cent, Uttar Pradesh 40 per cent In these States it varies from time to time Bombay, Hyderabad, Mysore, parts of Madhya Pradesh

Wherever there was permanent settlement (West Bengal, Bihar, parts of Madras Assam, Orissa and U P) it will automatically end with the abolition of *zamindari*

One of the problems of Indian agriculture is the small size of the average holding and of fragmentation The average size of a holding for the whole of India is 5 acres, but this varies from State to State Hyderabad 12 acres, Bombay 11 7 acres, Punjab 10, U P 6, West Bengal 4 5, Madras 4 4 The majority of the holdings will be less than 5 acres, a great majority indeed less than 2

The movement towards consolidation of holdings is partly voluntary and partly compulsory Legislation towards this end has been enacted in the following States Bombay, Delhi, Jammu and Kashmir, PEPSU, Punjab, U P

There is, in fact, a general movement towards fixing a maximum and minimum on land holdings Co operative farming is also being *organized*

Out of about 250 million agricultural population 2 per cent is non working land lords, 67 per cent peasant proprietors 13 per cent tenants and 18 per cent landless labourers There is tenancy legislation in many States while minimum wages for agricultural workers are fixed in Ajmer, Bilaspur Delhi Himachal Pradesh, Kutch Patna District of Bihar, Punjab

It may be mentioned here that upto Oct 5, 1953 the donations of land to the Bhoodan movement totalled 2 127 217 acres Out of this 5 481 acres were redistributed among 5,076 families

LAND USE

The topographical factors are as follows (the figures which are in lakh acres are inclusive of Jammu and Kashmir)

Total land area 8 126, mountains, 873 hills, 1 506 plateau 2 248, plains 3 498 unusable area, 3 082 topographically usable area, 5 044

Land area per capita—2 25 acres

The high density sub regions are as follows

Sub-regions	Population (lakhs)	Density per sq mile	Land area (lakhs acres)
Lower Gangetic Plains	700	832	538
Upper Gangetic Plains	389	681	366
Malabar Konkan	238	638	239
South Madras	307	554	355
North Madras and Orissa Coastal	211	461	293
Total 5 sub regions	1,845	660	1,791

The medium density sub regions are as follows

Sub regions	Population (lakhs)	Density per sq mile	Land area (lakh acres)
Trans Gangetic Plains	209	332	499
South Deccan	315	247	817
North Deccan	239	246	621
Gujarat Kathiawar	181	226	456
Total	974	1,051	2,393

The low density sub regions are as follows

Sub regions	Population (lakhs)	Density per sq mile	Land area (lakh acres)
The Desert	46	61	482
Western Himalayas	90	68	852
Eastern Himalayas	124	118	674
North West Hills	104	163	409
North Central Hills and Plateau	138	164	537
North East Plateau	290	192	967
Total	792	129	3,921

The following table shows the indices of land use in the high density, medium density and low density sub regions

Indices	High	Medium	Low	India
Percentage of net area sown to total land area	50	50	19	35
Percentage of net area sown to topographically usable area	62	70	40	56
Double crop percentage	23	6	12	13
Irrigation percentage	25	11	10	16
Fallow percentage	18	26	22	22
Percentage of forests	11	11	22	15
Percentage unavailable	17	15	16	16
Percentage unused	12	8	27	17

It has been found by sample study of Districts in different parts of the country (with a population of 12 crores) that the area of cultivated land per capita has fallen from 1891 to 1951 in some such proportion as the following (the area is given in cents)

1891—109 1901—103 1911—109 1921—111, 1931—104, 1941—94, 1951—84

The same study revealed that double crop area per capita has also fallen from 1891 to 1951

1891—12 1921—13 1951—10

The irrigated area per capita has fallen

1891—16, 1921—18 1951—14

FIVE-YEAR PLAN

The Plan seeks to overcome or reduce the existing shortages of food and raw material and transform the village environment and outlook of the rural population

The outlay is as follows (Rs in crores)

Agriculture	184 22
Veterinary, dairying	22 28
Forests	11 69
Co operation	7 11
Fisheries	4 64
Rural development	10 47
Community Projects	90 00
Local Works	15 00
Programme for scarcity affected areas	15 00
Total	360 41

The targets to be attained are additional production of 7 6 million tons of foodgrains, 1 26 million bales of cotton 2 09 million bales of jute, 0 7 million tons of sugar, 0 4 million tons of oilseeds

The major and minor irrigation works will irrigate 16 7 million acres

Under the reclamation programme 7 4 million acres are to be brought under the plough by the Central and State Governments at a cost of Rs 36 crores About 1 4 million acres will be reclaimed by the Central Tractor Organization, 1 2 million acres by similar organizations in the States The remaining 4 8 million acres are expected to be developed by the farmer with the assistance of the State

Improved seeds and fertilizers will be supplied and the use of improved implements encouraged

Besides schemes drawn up in consultation with the Central Government there are supplementary schemes proposed by the Commission

The allotments for the latter are as follows (rupees in crores)

Additional provision for minor irrigation works	30
Construction of tube wells	6
National extension organization	3
Grow More Food (1952 53)	10
Community Project	90

Under the Plan finance will be made available to the cultivator through the Reserve Bank, as well as by the States through co operative credit societies

It is hoped that by the end of the Plan period Rs 100 crores Rs 25 crores and Rs 5 crores will be made available as short term medium term, and long term loans respectively

About land policy the Commission thinks that there should be an upper limit to the amount of land held by one person This will apply to resumption of land for personal cultivation and future acquisition

Tenants who hold land should be enabled to acquire ownership on payment of compensation Where such land is cultivated by the owners themselves the test should be efficiency Farms which are badly managed should be taken over by the State and cultivated through the co operatives of landless or displaced workers

Owners of middle sized and small farms should be encouraged to develop their production on a co operative basis If they do not resume land for personal cultivation within a reasonable period the tenants should be allowed to become the owners

A tenancy should last at least for five years and should be renewable

Rents should vary between one fourth and one fifth of the produce

There should be co operative village management under which land and other resources are pooled and utilized in the interests of the community as a whole

For the same type of work everyone should receive the same remuneration

Increased facilities for training and experiments in co operative farming are to be provided at a cost of Rs 50 lakhs

A sum of Rs 2 crores has been provided for settling landless agricultural workers on reclaimed land

The State should also provide them with house sites give preference to co operatives of landless workers in the allotment of reclaimed land entrust co operatives of agricultural workers with construction work on behalf of the Public Works and Forest Departments

AGRICULTURAL TABLES*

AREA CULTIVATED AND UNCULTIVATED IN EACH STATE

(Thousand Acres)

State	AREA (According to village papers)	
	1948-49	1949-50
Assam	33 400 (a)	33,400 (a)
Bihar	44 330	44,790
Bombay	58 049	70,212 (b)
Madhya Pradesh	82,997	83,104
Madras	80,796	80,787
Orissa	20,142	18,264
Punjab	23 236	23,208
Uttar Pradesh	71 428	72 224
West Bengal	19 549	19 549
Hyderabad	52 927 (c)	52 927 (c)
Jammu and Kashmir	3,360**	5 799**
Madhya Bharat	28,952	27 625
Mysore	17 385	17,385
PEPSU	6 491	6 371
Rajasthan	20,669	20,669
Saurashtra	1 397	1,397
Travancore Cochin	5 350	5,350
Ajmer	1 561 (c)	1 561 (c)
Bhopal	4 432 (c)	4 406 (c)
Bilaspur	285	285
Coorg	1,012	1 012
Delhi	366	366
Himachal Pradesh	1 956	1,956
Kutch	4 974 (d)	5,003 (e)
Tripura	2,634 (c)	2 634 (c)
Vindhya Pradesh	1 610	14,356
Total	582 888 (f)	614 610 (g)

* In the tables that follow there is some discrepancy in the estimates made in Delhi (in table on p 98) and those made in Bombay as shown in the following tables

(a) Includes 835 thousand acres for which details are not available

(b) Includes 1,603 thousand acres in respect of Banaskantha district of Bombay for which details are not available

(c) Difference is due to different method of survey

(d) Includes 151 thousand acres for which details of classification are not available.

(e) Includes 62 thousand acres for which details of classification are not available

(f) Includes 986 thousand acres for which details of classification are not available

(g) Includes 2,500 thousand acres for which details of classification are not available

** Excludes 'enemy held portion of the State.

CLASSIFICATION OF AREA IN EACH STATE

(Thousand acres)

State	Forests		Area not available for cultivation		Other uncultivated land excluding current fallows		Fallow lands		Net area sown	
	1948–49	1949–50	1948–49	1949–50	1948–49	1949–50	1948–49	1949–50	1948–49	1949–50
Assam	4,200	4,062	4,248	4,248	17,038	16,946	1,708	1,739	5,371	5,570
Bihar	6,612	7,884	6,382	3,747	6,516	5,574	7,174	4,737	17,646	22,848
Bombay	8,913	9,914	7,056	8,473	1,934	2,098	6,883	7,042	33,263	41,082
Madhya Pradesh	23 572	23,645	5,965	5,817	20,098	20,267	4,784	4,919	28,578	28,456
Madras	13,515	13,814	14 424	14,647	11 874	11,272	10,049	9,716	30,934	31,308
Orissa	2,606	2,502	6,555	4,736	3,210	3,498	1,180	1,169	6,591	6,359
Punjab	769	759	6,172	6,034	2,454	2,587	2,315	1,880	11,526	11,948
Uttar Pradesh	7,502	7,819	11,859	11,834	10,311	10,240	2,727	2,562	39,029	39,769
West Bengal	1,709	1,713	3,044	3 046	1,925	1,919	1,244	1 159	11,627	11,720
Hyderabad	6,187	6,187	8,232	8,572	1,016	985	15,171	13,119	22,321	24,064
Jammu & Kashmir	417*	1,472*	1,012*	1 801*	408*	564*	487*	406*	1,036*	1,556*
Madhya Bharat	2,738	2 880	4,899	6,215	5,032	6,669	927	1,109	8,956	10,752
Mysore	1,957	1,957	5,705	5,705	1,460	1,460	1,807	1,807	6,456	6,456
PEPSU	78	46	469	398	902	936	4,456	876	4,386	4,115
Rajasthan	655	655	4,223	4 223	4,544	4,544	2,862	2,862	8,385	8,385
Saurashtra	7	7	155	155	222	222	—	—	1,013	1,013
Travancore-Cochin	1,542	1,542	482	482	429	429	68	68	2 829	2,829
Ajmer	47	47	596	595	305	303	274	247	339	369
Bhopal	988	953	914	937	592	858	385	107	1,553	1,551
Bilaspur	36	30	29	29	131	136	11	15	78	75
Coorg	331	331	250	250	226	226	40	35	165	170
Delhi	—	(a)	75	80	54	50	13	11	224	225
Himachal Pradesh	380	342	412	365	542	627	44	60	578	562
Kutch	108	127	1,407	1,407	1,200	1,200	1,886	1,466	222	741
Tripura	1,751	1,751	17	17	501	501	—	14	397	387
Vindhya Pradesh	203	2,740	315	2,211	440	4,297	192	1,046	460	4,062
Total	86,787	93,143	94,897	96,024	93,364	98,400	62,891	58,171	243,963	266,372

* Excludes 'Enemy held portion of the State

(a) Less than 500 acres

AREA UNDER DIFFERENT CROPS CULTIVATED IN 1948-49 AND 1949-50 IN EACH STATE

FOODGRAINS

(Thousand acres)

State	Rice		Wheat		Barley		Jowar		Bajra		Ragi or Marua		Maize		Gram		Total Pulses		Total Foodgrains	
	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50
Assam	4,008	4 095	3	2		(b)						(b)	45	47	(b)	8	234	250	4,290	4,400
Bihar	9,560	13,916	1,173	1,653	1,185	1,056	78	11	70	7	530	630	1,489	1,942	1,363	1,708	5,098	7,159	19,183	26,374
Bombay	2,416	3,161	1,625	2,079	26	25	10,247	11,740	5,239	6,232	592	785	227	536	734	890	3,528	4,316	25,080	30,165
Madhya Pradesh	8,763	8,839	1,895	2,591	52	48	5,061	4,526	103	102	36	34	273	283	1,646	1,739	6,403	6,632	25,153	25,509
Madras	10,435	10,599	18	9	1	(b)	4,777	4,740	2,359	2,350	1,610	1,527	67	47	103	134	2,946	2,969	25,751	25,725
Orissa	5,504	5 270	6	6	1	1	38	36	5	5	273	274	25	23	129	136	129	136	6,788	6,512
Punjab	378	468	2,745	2,955	410	406	456	590	2,092	1,962	8	7	761	784	3,017	3,201	3 459	3,655	10,395	10,859
Uttar Pradesh	8,622	9,093	8,352	8,201	4,974	4,919	2,089	2,377	2,563	2,714	435	437	2,095	1,934	6,925	6,656	11,922	11,728	43,055	43,188
West Bengal	9,456	9,768	88	89	57	72	2	5	2	1	7	6	89	117	202	274	1,250	1,346	11,023	11,424
Hyderabad	1,243	1,393	263	384	9	11	6,105	6,608	898	925	90	112	348	347	853	1,033	5,247	5,592	15,059	16,194
Jammu & Kashmir	390	445	158	205	39	54	29	1	36	48	(b)	(b)	261	305	(b)	0	(b)	78	1,026	1,312
Madhya Bharat	243	312	1,557	2,075	153	141	2,698	2,915	361	406			446	531	1,396	1,523	2,025	2,341	7,504	8,943
Mysore	778	778	2	2			526	526	79	79	1,942	1,942	1	1	24	24	24	24	4,930	4,930
PEPSU	37	39	699	850	149	186	82	143	485	640			222	176	1,144	1,109	1,281	1,246	3,005	3,280
Rajasthan	17	17	921	921	391	391	1,359	1,359	1,955	1,955	(b)	(b)	178	178	1,118	1,118	1,118	1,118	7,107	7,107
Saurashtra	9	9	48	48			276	276	212	212					41	41	97	97	642	642
Travancore-Cochin	1,038	1,038	(b)	(b)			1	1	1	1	6	6	11	11	4	4	68	68	1,149	1,149
Ajmer	(b)	(b)	28	31	35	39	105	104	25	28	(b)	(b)	70	77	15	16	44	28	308	324
Bhopal	41	47	310	502	1	1	235	154	(b)	(b)			16	16	348	295	565	464	1,180	1,191
Bilaspur	11	11	41	39	(b)	(b)	1	1		(b)			48	45	12	11	19	20	121	117
Coorg	88	89									3	3			(b)		2	2	93	94
Delhi	(b)	(b)	48	56	14	12	35	34	38	47			2	1	59	66	65	71	202	221
Himachal Pradesh	108	98	311	291	81	80	2	3	(b)	(b)	53	38	253	242	13	8	64	50	973	850
Kutch			19	19	3	4	50	152	45	242	(b)	(b)			(b)	(b)	8	95	125	512
Tripura	393	381															1	1	394	382
Vindhya Pradesh	60	1,097	56	738	33	369	83	308	(b)	1	(b)	(b)	1	81	41	544	76	924	448	4,227
Total	63,599	70,963	20 363	23,746	7 614	7,815	34 335	36,619	16 568	17,969	5,085	5 801	6 928	7 774	19 187	20,553	45,673	50 410	214,984	235,573

(b) Below 500 acres

AREA UNDER OIL SEEDS IN 1948 49 AND 1949 50

(Area in thousand acres)

State	Linseed		Sesamum		Rape and Mustard		Groundnut		Castor		Coconut		Other Oil seeds		Total Oil seeds	
	1948-49	1949-50	1948 49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50
Assam	4	3	30	27	314	317			4	2		2		5	352	356
Bihar	536	353	84	37	490	372			33	15			283	238	1,426	1,017
Bombay	68	67	173	289	29	39	2,039	2,637	99	117	25	31	617	692	3,050	3,872
Madhya Pradesh	1,124	1,158	409	373	163	178	629	720	33	28			417	408	2,775	2,865
Madras	5	15	613	759	1	2	3,699	3,763	230	224	623	633	55	58	5,226	5,458
Orissa	7	3	78	89	23	20	33	29	23	20	11	11	91	94	266	266
Punjab	20	22	41	55	239	274	68	60	(b)	(b)			1	2	369	413
Uttar Pradesh	191	180	159	143	186	209	288	207	9	9			28	30	861	778
West Bengal	44	61	25	18	156	201					17		23	20	265	300
Hyderabad	475	547	730	694	6	7	1,470	1,623	745	877			956	1,036	4 381	4,784
Jammu & Kashmir	27	39	15	16	41	6		(b)					(b)	5	83	66
Madhya Bharat	267	300	205	297	50	82	200	270	4	1			52	11	778	961
Mysore	1	1	63	63	7	7	248	248	92	92	172	172	101	101	684	684
PEPSU	1	1	11	4	85	52	37	28					24	39	158	124
Rajasthan	125	125	297	297	251	251	19	19	1	1			59	59	752	752
Saurashtra			82	82			125	125							207	207
Travancore Cochin			68	68	(b)	(b)	24	24	(b)	(b)	606	606	6	6	704	704
Ajmer	(b)	(b)	14	19	(b)	1	(b)	(b)							14	20
Bhopal	58	55	34	27	1	1	2	2	(b)	(b)			7	7	102	92
Bilaspur	(b)	(b)	1	(b)	(b)	1									1	1
Coorg			(b)	(b)			(b)				(b)	(b)			(b)	(b)
Delhi			(b)	(b)	2	3			(b)				(b)	(b)	2	3
Himachal Pradesh	2	2	1	(b)	20	21		(b)					1	(b)	24	23
Kutch			3	8	1	1	1	2	(b)	(b)			(b)	(b)	5	11
Tripura			11	10	13	10									24	20
Vindhya Pradesh	12	187	48	261	1	42	(b)	(b)	(b)	1				7	61	498
Total	2 966	3 121	3 195	3,636	2 079	2 097	8 882	9 741	1,273	1 387	1 454	1 455	2,721	2 818	22 570	22,276

(b) Below 500 acres

AREA UNDER DIFFERENT CASH CROPS IN 1948 49 AND 1949 50

(Thousand acres)

State	Sugarcane		Cotton		Jute		Other Fibres		Tea		Coffee		Tobacco	
	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50
Assam	61	59	31	30	225	231	9	13	389	400			20	20
Bihar	380	374	44	17	163	332	6	59	4	4			120	54
Bombay	188	184	2,122	2,491	(b)	(b)	66	86	(b)	(b)	(b)	(b)	213	239
Madhya Pradesh	59	47	3,053	2,819			118	105					8	8
Madras	176	181	1,633	1,691	39	78	150	192	56	81	50	67	322	345
Orissa	35	31	9	9	30	47	10	8			(b)	(b)	31	31
Punjab	306	270	239	322			17	19	9	9			7	8
Uttar Pradesh	2,116	2,100	119	107	6	10	226	191	6	6			60	64
West Bengal	66	58	(b)	(b)	350	498	13	17	209	198			51	47
Hyderabad	96	70	2,048	2,223			333	314					31	31
Jammu and Kashmir	2	2	6	6		2	2	(b)		(b)			2	1
Madhya Bharat	61	41	926	1,218	54	65	36	2					5	11
Mysore	49	49	66	66	1	1	7	7	4	4	101	101	25	25
PEPSU	67	60	181	218	3		4	7					2	2
Rajasthan	28	28	92	92			18	18					9	9
Saurashtra	5	5	47	47										
Travancore-Cochin	18	18	15	15	1	1			91	91	9	9	(b)	(b)
Ajmer	1	1	12	13	(b)	(b)	(b)						(b)	(b)
Bhopal	12	10	20	21	4		(b)	4					(b)	(b)
Bilaspur	(b)	1	1	1	(b)			(b)					1	(b)
Coorg	(b)	(b)							1	1	41	42	(b)	(b)
Delhi	8	4	(b)	(b)			(b)	(b)					1	1
Himachal Pradesh	3	2	1	(b)	(b)		(b)		2	2			3	2
Kutch	(b)	1	24	25										
Tripura	5	5	25	23	12	13			11	11			1	(b)
Vindhya Pradesh	3	6	1	4	(b)		(b)	7					(b)	2
Total	3,745	3,607	10,716	11,458	888	1,278	1,015	1,049	782	807	201	219	912	900

(b) Below 500 acres.

AREA UNDER REST OF CROPS IN 1948 49 AND 1949 50 IN EACH STATE

(Thousand acres).

State	Condiments and Spices		Indigo and other dyes		Opium		Other drugs and narcotics		Fodder Crops		Fruits and Vegetables		Miscellaneous Crops			
													Food		Non food	
	1948 49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50
Assam	(b)	1						1	14	26	593	516	(i)	(i)	207	340
Bihar	56	96	(b)						14	*N A*	370	721	369	35	223	(k)
Bombay	254	321	(b)	(b)	1		40	32	3,064	4,256	286	336	19	231	89	209
Madhya Pradesh	158	160	(b)	(b)			(b)	1	487	458	219	218	4	3	1	1
Madras	637	660	20	18	13		151	162	443	481	826	867	52	52	176	206
Orissa	21	19	1	1			7	7	12	12	185	162	112	89	123	130
Punjab	22	40	6	6	2	2	(b)	(b)	1,848	1,998	106	131	10	13	1	46
Uttar Pradesh	105	116	2	3	18	16	2	2	1,860	1,756	598	610	155	257	20	24
West Bengal	22	28					6	6	22	7	874	380	44	27	29	13
Hyderabad	444	442	11	2			5	3	32	43	77	79	7	7	6	7
Jammu and Kashmir	3	4				(b)	2	2	10	26	33	35	4	108	120	100
Madhya Bharat	31	55	(b)	(b)	20	18	1	9	45	36	41	78	147		42	3
Mysore	162	162	(b)	(b)			69	69	191	191	99	99	96	96	107	107
PEPSU	12	13			(b)	(b)			1,157	701	21	67	30	30	154	288
Rajasthan	144	144	1	1	8	8	(b)	(b)	444	444	25	25	495	495	317	317
Saurashtra									104	104	8	8				
Travancore-Cochin	165	165	(b)	(b)			26	26	46	46	588	588	104	104	128	128
Ajmer	4	4							10	9	6	6	22	14	11	15
Bhopal	6	6							270	276	7	8	1		(b)	(b)
Bilaspur	(b)	(b)			(b)	(b)			(b)	(b)	(b)	(b)		(b)		
Coorg	12	14									19	20				
Delhi	1	1	(b)	(b)					31	34	6	9	4	(b)	1	1
Himachal Pradesh	1	1	(b)		4	3	1	(b)	1	2	8	19	34	3	3	4
Kutch	(b)	1							90	210	1	4			(b)	(b)
Tripura		1										2				
Vindhya Pradesh	2	5					(b)	(b)		55	4	15	1	31	(b)	
Total	2,262	2 459	41	31	66	47	310	320	10,203	11,171	5,000	5,003	1 760	1,645	1,758	1,939

(b) Below 500 acres (i) Included under non food crops (k) Included under food crops *N A* Not available

AREA UNDER ALL CROPS IN 1948-49 AND 1949 50 IN EACH STATE

(Thousand acres)

State	Total Area Sown		Area Sown more than once		Net Area Sown	
	1948-49	1949-50	1948-49	1949-50	1948-49	1949-50
Assam	6 191	6,393	820	823	5,371	5,570
Bihar	22,358	29,133	4,712	6,285	17,646	22,848
Bombay	34,473	42,363	1,210	1 281	33,263	41,082
Madhya Pradesh	32,035	32 194	3,457	3,738	28,578	28,456
Madras	35,796	36,345	4,862	5,037	30,934	31,308
Orissa	7 631	7,324	1,040	965	6,591	6,359
Punjab	13,337	14,136	1,811	2,188	11,527	11,948
Uttar Pradesh	49,209	49,228	10,180	9,459	39,029	39,769
West Bengal	12 978	13,011	1,351	1,291	11,627	11,720
Hyderabad	22,530	24,199	209	135	22,321	24,064
Jammu & Kashmir	1,301	1,664	265	108	1,036	1,556
Madhya Bharat	9,691	11,440	735	688	8,956	10,752
Mysore	6,596	6,596	140	140	6,456	6,456
PEPSU	4,844	4,790	458	675	4,386	4,115
Rajasthan	9,450(j)	9,450(j)	1,065	1,065	8,385	8,385
Saurashtra	1,013	1,013			1,013	1,013
Travancore Cochin	3,046	3 046	217	217	2 829	2,829
Ajmer	388	406	49	37	339	369
Bhopal	1,602	1,608	49	57	1,553	1,551
Bilaspur	124	120	46	45	78	75
Coorg	166	171	1	1	165	170
Delhi	256	274	32	49	224	225
Himachal Pradesh	1,058	911	480	349	578	562
Kutch	245	564	23	23	222	741
Tripura	472	457	75	70	397	387
Vindhya Pradesh	520	4,860	60	788	460	4,062
Total	277,310(j)	301,886(j)	33,347	35,514	243,963	266,372

(j) Includes 10,000 acres for which cropwise details are not available.

YIELD PER ACRE OF PRINCIPAL CROPS IN INDIA
(In Lb)

Crops	1949-50	1950-51	1951-52	Crops	1949-50	1950-51	1951-52
Rice	688	598	632	Cotton	85	80	76
Jowar	338	315	322	Jute	1,062	908	959
Bajra	273	256	221	Tobacco	688	653	660
Maize	560	489	548	Tur or arhar	403	703	673
Ragi	625	579	494	Ginger dry	943	820	800
Small millets	375	340	362	Pepper (black)	354	352	327
Wheat	584	592	556	Chillies dry	510	528	545
Barley	681	681	613	Tea	815	842	*N A*
Gram	401	430	423	Coffee	246	266	*N A*
Suarcane	3,052	2,985	2,793	Rubber	275	305	*N A*
Potatoes	5,897	6,168	6,206	Bananas	13,917	13,760	12,536
Sesamum	191	180	172	Papaya	13,892	13,720	13,440
Groundnut	770	692	579	Sweet potatoes	5 604	4,648	4,953
Rape & Mustard	372	329	353	Tapioca	7,005	6,985	6,371
Linseed	244	235	210	Turmeric	1,989	1,981	1,969
Castor seed	197	169	164	Sann hemp	438	449	441

N A —Not available

N B —The yields per acre given in the statement have been obtained by dividing total production by corresponding total acreage of each crop In case of plantation crops (tea, coffee and rubber) they relate to plucked or tapped areas

LIVESTOCK

It is estimated that there were about 291 5 million livestock in 1950-51 Of these the cattle formed about 150 million, the buffaloes about 45 million, sheep and goats about 88 6 million and horses, ponies, mules, donkeys, camels and pigs about 7 9 million Besides these, there were 70 million poultry

In the same year Rs 7 17 crores worth of livestock was imported and Rs 12 16 crores worth of livestock was exported

For draught purposes cattle are mainly used everywhere though male buffaloes are important as draught animals in the rice tracts and damper parts of the country For dairy purposes, the buffalo is important, the milk yield being high and the percentage of butter fat considerably above that in cow's milk

The best known breeds are the Murrah, Nili and Ravi buffaloes of the Punjab, the Jafferbadi buffaloes of Saurashtra, Mehsana of Gujarat, Nagpuri of central India and the Surti and Pandharpuri, a type of Nagpuri buffaloes of Bombay State The spread of cultivation has diminished the grazing grounds, insufficient fodder crops are raised and many of the cattle are small, ill fed and inefficient

Draught cattle —Hissar (Punjab), Kherigarh and Powar (U P), Nagore (Rajputana) Malwi (M B), Goalao (M P), Khillar, Krishna Valley, Dangi (Bom), Ongole and Kangayam (Madras), Hallikar and Amritmahal (Mysore), Nimar (M B, M P and Bom)

Milch cattle —Sindhi and Sahiwal (both of West Pakistan, but small herds of which exist in the country)

Dual-purpose cattle —Hariana (Punjab), Kankrej (Bom), Gir (Saurashtra and Bom), Tharparkar (Kutch)

It has been estimated that the number of sheep in the country is about 39 million and that the total quantity of wool produced is 55 million lb annually The yield of wool per sheep varies greatly in different parts of the country In Punjab, Uttar Pradesh, Rajasthan and Saurashtra, the annual production per sheep is estimated at between 3 1 lb and 4 lb, while in the rest of the States it does not exceed 1 lb The average for the whole of the country is in the neighbourhood of 2 lb per sheep per year

Poultry-keeping is an important subsidiary industry of the poorer classes Indigenous poultry of low grade produce on an average 50 small sized eggs per year Steps are being taken to improve them by grading up with foreign breeds like Rhode Island Red, White Leghorn and Minorca

DAIRYING

Intensive steps are being taken by most States to improve the cattle, both from the view point of draught and milk production and many important schemes have been put in operation

Despite the large vegetarian population and large number of cattle, the dairy industry is still unorganised Of 195 million cattle and buffaloes, 70 million or 36 per cent are milch animals (females over 3 years) Milk yield is, however, low Cow 413 lb per year, buffalo 1,101 lb Though buffaloes form only 30 per cent of milch animals, due to their comparatively high yield, they account for 54 per cent of the total milk produced Buffalo milk has butter fat content 6 5 to 7 per cent as against 4 to 5 per cent of cow

Gross production of milk is 21 42 million tons of which 14 5 million tons are marketed the rest being used for home consumption or fed to calves *Per capita* daily consumption of milk and milk products varies from 16 89 oz in the Punjab to 2 64 oz in Orissa, average 5 5 oz

Most of the States have appointed Dairy Development Officers to organize dairying both on co operative lines as well as through private enterprise

The Government of Bombay has established a very large milk colony at Aarey near Bombay where about 15,000 animals are housed under the most modern conditions and milk supplied to Bombay City after pasteurization Milk supply schemes are operating in various States

Research in dairying is done at the Indian Dairy Research Institute at Bangalore This Institute also runs courses in Animal Husbandry and Dairying

ANIMAL DISEASES

There are nine Veterinary Colleges in India, one each at Gauhati, Patna, Calcutta, Bombay, Mathura, Hyderabad, Madras, Hissar and Jabalpur

The chief research centre is the Indian Veterinary Research Institute at Mukteswar in Uttar Pradesh and its branch at Izatnagar, near Bareilly This institute is maintained by the Government of India

The Indian Veterinary Research Institute also manufactures large quantities of sera and vaccines for the use of the State Department Serum institutes have also been opened in various States such as Bombay, Madras, Hyderabad and Uttar Pradesh

The chief diseases that the Animal Husbandry and Veterinary Departments have to deal with are glanders and surra in equines, and rinderpest, foot and mouth disease, hæmorrhagic septicæmia, black quarter and anthrax in ruminants while tuberculosis, Johne's disease and contagious abortion are assuming greater importance than in the past Glanders and surra are both scheduled diseases under the Glanders and Farcy Act Glanders is incurable but surra can now be successfully treated with Naganol or Antrypol This disease (surra) also affects camels, cattle and dogs and in recent years its importance as a bovine disease has been more widely recognised

Of the diseases of ruminants mentioned, all, with the exception of foot and mouth disease, can now be controlled either by means of sera or by vaccines

Indian poultry are also subject to several contagious diseases The dreaded Ranikhet disease is fairly wide-spread and its ravages have seriously hampered the poultry industry A chick passaged vaccine has now been developed at the Indian Veterinary Research Institute and trials conducted in the field have been very encouraging Fowl pox and fowl cholera vaccines are available for the protection of poultry against those diseases

FIVE-YEAR PLAN

Total allotment—Rs 22 28 crores

Useless cattle should be removed to gosadans. One hundred and sixty of these are to be opened in areas with grazing facilities at a cost of Rs one crore

To improve stock 600 centres are to be started under the key village scheme Breeding will be confined to three or four superior bulls of known pedigree, and inferior bulls will be removed or castrated Each centre will comprise three or four villages having about 500 cows of over three years of age

The number of veterinary hospitals will be increased from 2,000 in 1951 to 2 600 in 1956 Steps will also be taken to increase fodder supply

FOOD

TOTAL foodgrains available in the country (production plus imports) were as follows (figures in million tons)

1948—46 54, 1949—47 01, 1950—48 12, 1951—46 42, 1952- 46 26

The total population under rationing in 1952 was 31 25 millions

The total quantity of foodgrains distributed by Governments in 1952 was 6 69 million tons

It may be pointed out here that the Nutrition Advisory Committee has recommended 14 oz of cereals per consumption unit as the requirement for a balanced diet

The year 1953 opened with a stock of 1 9 million tons with the Central and State Governments

The provisional target of imports was set at 2 9 million tons

The estimated production for 1953 is 47 58 million tons

The total loss to the Central Government on account of subsidies during 1952 53 was Rs 21 11 crores including a special subsidy of Rs 3 crores granted to Travancore Cochin

The main planks of food policy was bulk imports of food grains, internal procurement and controlled distribution to the more vulnerable sections of the population

From June 1952 there was a certain degree of relaxation in controls The main features of this change were the substitution of statutory rationing by fair price shops, modification in the procurement system, greater freedom in inter-State movement of food grains, liberalization of food austerity regulations

Coarse grains were completely decontrolled in 1954 January, and foreign wheat in February

It was expected that wheat would be completely decontrolled in 1954 But control on rice would remain

But there was no change in the basic policy of maintaining strategic controls

Population under statutory rationing 1951—46 million, 1952—31 2 million

Population covered by other types of rationing including Fair Price Shops 1951—68 2 million, 1952 (Dec)—97 1 million

Total imports (till end of 1952) 3 9 million tons

Cost of imported grains Rs 210 crores

Storage capacity was for 8 lakh tons

The balance sheet of food grains distributed by Governments during 1952 was as follows

(In 000 tons)

—	1952	1951
Opening stocks with States	1,307	729
Procurement	3,416	3,766
Supplies to States from imports	3,474	4 679
Total availability	8,197	9,174
Offtake in States	6,696	7,867
Closing stocks with States	1,501	1,307
Central reserve	410	—
	1,911	1,307

The following States are generally surplus in wheat Punjab PEPSU, Vindhya Pradesh

The following States are generally surplus in rice Orissa, Madhya Pradesh, Uttar Pradesh, Punjab, Coorg

The following State is generally surplus in millets Hyderabad

From the point of view of food generally the position is roughly as follows

Surplus States Madhya Pradesh, Punjab, PEPSU, Orissa, Assam

Self sufficient States U P, Madhya Bharat

Deficit States Bombay, Madras, Mysore, Travancore Cochin, Saurashtra, Hyderabad, Rajasthan, Himachal Pradesh, Bihar, West Bengal

GROW MORE FOOD (1952-53)

Total allotment Rs 17 crores

Subsidies ,, 6 60 ,,

Loans ,, 8 37 ,,

Short-term loans ,, 2 00 ,,

The number of minor works planned was as follows

New wells and repairs to old wells	46,000
Irrigation tube wells	2 000
Dams channels and tanks	4,800
Persian Wheels and Rahats	8,800
Pumping installations	6,300

The area covered by land improvement schemes (acres)

Contour bunding and soil conservation	104,000
Clearance and reclamations	149,000
Mechanical cultivation	65,000

The quantity of supplies (tons)

Fertilizers	282,000
Urban compost	1,800 000
Oil cake and bonemeal	56,000
Green manure seed	2,000
Improved seeds	95,000

The addition in food production over 1951-52 12 3 lakh tons

The addition in cotton over 1950-51 1 63 ,, bales

,, ,, ,, jute over 1950 51 13 80 ,, ,,

,, ,, ,, sugar over 1950 51 3 80 ,, tons

The number of tube-wells drilled upto 31st December, 1952 in U P Bihar and Punjab was 470, the number drilled in North Gujarat 26

Under the Indo U S Technical Co-operation Agreement 2,000 tube wells were to be drilled during 1952 53 These were to be drilled partly departmentally and partly through private agencies

The Central Tractor Organization had 250 tractors in operation during 1952 53

It ploughed 2 35 lakh acres of kans infested land in U P M P, M B and Bhopal during Jan June 1952 Also 18 000 acres of jungle land in Naini Tal-Tarai were reclaimed

POSITION IN 1950-52

The total food production in the country for the years 1950 to 1952 was as follows

(In 000 tons)

—	1949-50	1950 51	1951 52
Rice	23 170	20,251	20 703
Wheat	6 290	6,360	5,768
Millets	8,067	7,962	7,666
Total of all food grains	46 018	41,744	41 211

The production by State and the Central grant to States or the contribution from the State to the Central pool is given by the following table

(In 000 tons)

State	1950		1951		1952	
	Production	Central grant Net Imports (+) or Exports (—)	Production	Central grant Net Imports (+) or Exports (—)	Production	Central grant Net Imports (+) or Exports (—)
Assam	1 75	0 02	1 43	0 12	1 52	0 07
Bihar	5 01	0 11	3 46	0 77	3 65	0 12
Bombay	4 60	0 73	3 69	1 10	3 33	1 01
Madhya Pradesh	4 28	(—) 0 11	3 17	0 08	4 88	(—) 0 16
Madras	7 00	0 55	6 57	0 68	6 88	0 46
Orissa	2 18	(—) 0 10	2 11	(—) 0 01	2 20	(—) 0 12
Punjab	2 13	(—) 0 20	1 91	0 006	1 86	(—) 0 05
Uttar Pradesh	8 49	0 03	8 64	0 24	8 09	0 34
West Bengal	3 78	0 31	4 01	0 55	3 59	0 67
Hyderabad	1 36	0 08	1 37	0 13	1 68	0 07
Jammu and Kashmir	0 34	0 03	0 38	0 008	0 40	0 01
Madhya Bharat	0 96	(—) 0 06	0 83	0 01	0 91	0 05
Mysore	0 81	0 09	0 78	0 10	0 57	0 14
P E P S U	0 52	(—) 0 11	0 45	(—) 0 03	0 57	(—) 0 08
Rajasthan	0 89	0 05	1 15	0 08	0 95	0 02
Saurashtra	0 32	0 01	0 28	0 10	0 17	0 13
Travancore Cochin	0 41	0 29	0 41	0 35	0 40	0 37
Ajmer	0 02	0 04	0 04	0 04	0 02	0 04
Bhopal	0 10	(—) 0 006	0 14	(—) 0 01	0 10	0 004
Bilaspur	0 01	—	0 01	—	0 02	—
Coorg	0 04	(—) 0 009	0 04	(—) 0 007	0 04	(—) 0 008
Delhi	0 03	0 16	0 03	0 19	0 03	0 19
Himachal Pradesh	0 18	0 005	0 17	0 004	0 17	—
Kutch	0 03	—	0 03	0 008	0 02	0 02
Manipur	0 10	(—) 0 002	0 09	(—) 0 003	0 07	(—) 0 001
Tripura	0 20	—	0 14	—	0 14	0 001
Vindhya Pradesh	0 48	(—) 0 01	0 41	0 002	0 58	(—) 0 002
The Andaman & Nicobar Islands	*Neg*	0 001	*Neg*	0 002	*Neg*	0 002
Defence collieries, etc	—	0 19	—	0 21	—	0 17
TOTAL	46 02	2 09	41 74	4 68	42 44	3 47

Neg Negligible

PRODUCTION BY STATE

Production of individual foodgrains by State is as follows

(in 000 tons for 1951 52)

State	Wheat	Rice	Jawar	Bajra
Assam	1	14,73	nil	nil
Bihar	2,30	27,12	1	1
Bombay	2,31	7,71	13,38	4 59
Madhya Pradesh	4,68	24 22	12 41	17
Madras	2	40 25	9,37	4,18
Orissa	4	23,93	1	1
Punjab	11,26	1 20	39	74
Uttar Pradesh	25,33	15 29	6,92	7 85
West Bengal	41	34,79	3	less than 500
Hyderabad	—	—	90	8,30
Jammu and Kashmir	—	—	5	less than 500
Madhya Bharat	—	—	46	2,29
Mysore	—	—	5	50
PEPSU	—	—	39	3
Rajasthan	—	—	1,13	63
Saurashtra	—	—	86	30
Travancore Cochin	—	—	less than 500	3
Ajmer	—	—	1	1
Andamans and Nicobars	—	—	—	—
Bhopal	—	—	less than 500	29
Coorg	—	—	—	—
Delhi	—	—	6	4
Himachal Pradesh	—	—	less than 500	less than 500
Kutch	—	—	—	—
Manipur	—	—	—	—
Tripura	—	—	—	—
Vindhya Pradesh	—	—	1	49

ALLOTMENT (1951-52)

The allotment of individual foodgrains is shown by the following table

(in 000 tons)

State	Contribution to Central Pool			Allotment from Centre		
	Wheat	Rice	Millets	Wheat	Rice	Millets
Assam	—	—	—	56	18	—
Bihar	—	—	6	1,15	11	—
Bombay	—	—	—	5,24	1,76	3,10
Madhya Pradesh	—	126	47	17	—	—
Madras	—	—	—	73	2,08	1,82
Orissa	—	126	—	10	—	—
Punjab	42	4	—	—	—	—
Uttar Pradesh	—	15	—	3,22	—	31
West Bengal	—	—	—	5,32	1,40	—
Hyderabad	—	—	—	48	18	3
Kashmir	—	—	—	10	—	2
Madhya Bharat	—	—	—	40	—	7
Mysore	—	—	—	67	9	59
PEPSU	—	3	—	67	—	59
Rajasthan	—	—	—	63	—	63
Saurashtra						
Travancore Cochin	—	—	—	61	3,11	—
Ajmer	—	—	—	29	1	14
Andamans	—	—	—	1	1	—
Bhopal	—	—	—	4	—	—
Coorg	—	8	—	—	—	—
Delhi	—	—	—	1,70	15	5
Himachal Pradesh	—	—	—	—	—	—
Kutch	—	—	—	8	2	11
Manipur	—	1	—	—	—	—
Tripura	—	—	—	1	—	—
Vindhya Pradesh	1	1	—	—	—	—

IMPORTS (1950-52)

The imports for the years were as follows (figures in million tons)

1950—2 1, 1951—4 7, 1952 (provisional) - 3 9

The cost of import of food grains was as follows (figures in crores of rupees)

1950—80 6 crores, 1951—216 4 crores, 1952—209 7 crores

The imports of individual grains were as follows (figures in million tons)

	1950	1951	1952
Rice	0 35	75	0 72
Wheat (including flour)	1 41	3 02	2 51
Others	0 36	0 95	0 63

Figures with costs for 1952 were as follows

	in 000 tons	in Rs lakhs
Rice	24,59	12,844
Wheat	7,22	5,011
Millets	6,31	2,812

Countries from which imports were obtained from 1950 to 1952 with quantity (in million tons) and C & F value (in lakhs of rupees) were as follows The figures for 1952 are provisional

Country	1950		1951		1952	
	Quantity	Value	Quantity	Value	Quantity	Value
U S A	39	10,02	2 40		2 30	
Australia	88	32,45	25		22	
Argentina	48	17,66	51		—	
Canada	003	13	33		53	
Russia			10		—	
Pakistan	001	3	16		01	
Burma	18	10,09	30		38	
Siam	11	6,19	22		18	
Other countries	06	3,27	46		24	
TOTAL	2 10	79,84	4 73	2,16,35	3 86	2,09,73

The countries from which the imports of individual grains were made in 1952 were as follows

(In 000 tons)

	Wheat	Rice	Millets
Canada	5,25	—	—
U S A	17,63	—	5,40
Australia	1 71	—	—
Burma	—	3,76	—
Thailand	—	1,84	—
Pakistan	--	14	—
China	—	1,48	91

RATIONED POPULATION

The statutory rationed population on the last day of the year (except for 1952) is given below The figure is in thousand persons

State	1950	1951	May 31, 1952
Assam	420	474	472
Bihar	250	256	235
Bombay	10 609	10 482	9 827
Madhya Pradesh	—	—	—
Madras	5 905	6 159	6 143
Punjab	1 738	1 706	1 698
Uttar Pradesh	6,882	6 883	6,785
West Bengal	6 299	6,513	6,514
Hyderabad	1 567	1 600	1,518
Jammu & Kashmir	301	322	322
Madhya Bharat	366	372	369
Mysore	1 271	1,374	1,376
Rajasthan	418	—	—
Saurashtra	433	432	433
Travancore Cochin	7 297	8 322	8 426
Ajmer	332	321	319
Bhopal	—	—	—
Delhi	1,549	1,582	1,571
Himachal Pradesh	11	-	—
The Andaman & Nicobar Islands	15	17	17
TOTAL	45,723	46 815	46,025

PROCUREMENT SYSTEMS

At the time of writing (Nov 1953) the following systems of procurement were in operation

ASSAM The State has been divided into a number of zones for purposes of procurement In each zone purchases are made by agents appointed by the Government, and the individual producers and landlords are required to sell to Government all stocks exceeding 200 maunds

BIHAR Monopoly procurement rice and paddy in the three districts of Ranchi Manbhum Sadar and Santhal Parganas (excluding Gonda and Sahibganj Division)

BOMBAY Monopoly procurement of rice throughout the State In Thana and Kolaba purchases are also made by contracts with rice mills In a few taluks of these two districts, informal levy has been introduced recently Wheat, millets and other coarse grains are purchased on a voluntary sale basis

MADHYA PRADESH Levy on trade

MADRAS A small quantity of rice is procured by means of levy on the cultivators from the main harvest in some surplus districts

ORISSA Monopoly procurement of rice through trade agents

PUNJAB Rice mills can dispose of rice only under orders of Government Monopoly procurement of wheat was suspended on April 27, 1953

UTTAR PRADESH Only rice is procured from licensed traders for export

WEST BENGAL On Oct 14, 1953 the policy of procurement of rice was abandoned As a measure of price support, the Government will purchase paddy or rice in areas where the market price goes below a certain level and becomes uneconomic to growers

HYDERABAD Procurement of rice and paddy is in operation under the Central Government s Foodgrains (licensing and procurement) Order, 1952 in the predominantly rice growing areas A limited quantity of jowar is procured from the surplus areas by a scheme of tenders from the trade

KASHMIR Levy on cultivators

MADHYA BHARAT Monopoly procurement of wheat System of jowar procurement is the same as in Hyderabad

MYSORE Levy on cultivators confined to rice only

PEPSU Purchases through a syndicate of foodgrain dealers on behalf of Government from approved mundies

RAJASTHAN Levy on quantities moved from one district to another No procurement of Kharif crops

SAURASHTRA Procurement has been abandoned

TRAVANCORE-COCHIN Levy on cultivators on a slab basis and related to the productivity of the land

AJMER No procurement

BHOPAL Graded levy on cultivators through agents appointed by the Government

BILASPUR No Procurement

COORG Monopoly Purchases are made through agents appointed by the Government

DELHI No Procurement

HIMACHAL PRADESH Monopoly of purchase of wheat in Mandi and Sirmur districts only

KUTCH Monopoly In addition every landholder will have to sell to Government a quantity of foodgrains equal in value to the amount of land revenue and taccavi instalments payable for the year

MANIPUR Procurement for export through approved traders from the open market

TRIPURA Purchases from the open market as also direct from the cultivators

VINDHYA PRADESH The traders are liable to sell to Government upto 80 per cent of their purchases

CENTRAL SUBSIDY (1951-52)

The Central subsidy to the States in lakhs of rupees was as follows Assam, nil, Bihar, 11, Bombay, 390, M P, 16 Madras, 123, Orissa, nil, U P, 435, West Bengal, 174, Hyderabad, 25 Kashmir, nil, M B, nil, Mysore, 7 5, PEPSU nil Rajasthan, nil, Saurashtra, nil, Travancore Cochin, 307, Ajmer, nil, Andamans, nil Bhopal, nil, Coorg, nil Delhi 221, H P, Kutch, Manipur, Tripura, V P, nil

The total expenditure on food subsidy was Rs 4 609 lakhs

ESTIMATES FOR 1952-53

It was estimated that the production of food grains for all India would be 47 58 million tons The quantity proposed to be imported was 2 lakh tons

It was estimated that the total production of food grains for individual States (in 000 tons) would be Assam 1 561 Bihar, 4 831, Bombay 3 364 M P 4 608 Madras 6 790, Orissa, 3,185 Punjab 2 337, U P, 8 930 West Bengal, 4,064 Hyderabad 1 666 Kashmir, 392, M B, 781, Mysore, 456 PEPSU, 724, Rajasthan, 1,048 Saurashtra 309, Travancore Cochin, 405, Ajmer, 53, Andamans, 2 Bhopal 137, Coorg, 42, Delhi, 28 H P 134 Kutch, 51, Manipur, 71, Tripura 137, V P, 567

FOOD SHORTAGE

'Food controls is really a misleading term for what is in reality a gigantic State trading system set up by the Central Government and all State Governments working in co-operation with one another

The operation of this system during 1949, 1950 and 1951 may be summed up as follows

On an average 43 0 lakh tons were purchased every year in different States within the country —mostly from farmers directly, in some places from traders Another 34 8 lakh tons were purchased every year from various foreign countries These stocks were designed to meet the daily needs of crores of people The average annual issues made from these stocks to grain shops, ration shops, etc amounted to 77 1 lakh tons

The total number of persons who received supplies (on March 31, 1951) numbered 12 66 crores

The time when undivided India changed over from being a net exporter of foodgrains into a net importer was about 1921

About 1880 the ordinary outturn of food in British India was 50 million tons and the surplus available for storage, export, etc was more than five million tons

The average imports in lakh tons for 1947-52 was 32 7

The composition of the imports had changed greatly Before World War II India was importing rice heavily but exporting wheat After World War II there was very little rice and a great deal of wheat and coarse grains

The sources from which the imports were coming in had also changed The average imports from Burma, for instance, were 12 1 lakh tons during 1948 50, which was less than two fifths of the level reached just before World War II

The decline in imports cannot be due to a shift in cultivation from food to cash crops, for this shift is hardly significant From sample survey we find that the proportion of land sown with food crops to the total sown area changed as follows from 1891 to 1951

1891—80 7 per cent, 1921—77 8 per cent, 1951—77 2 per cent

Figures for certain specific districts show the shift was more significant before 1921 than after, it was more significant in south and west India than elsewhere, shifts in other directions also occurred being significant in north and central India

A graph of the food prices from 1800 to 1950 will go something like this

For the first fifty years there will be a more or less level course For the next fifty years it is no longer level, each decade a little higher than the preceding one the fluctuations tend to be sharper Then for the last fifty years one big peak marking World War I, then a valley marking the depression, then finally the tallest of all peaks on which we stand today

The index of food prices (Aug 1939=100) was somewhat as follows

1948—374, 1947—389, 1950—410 1951—410, 1952 Jan—393 1952 Dec—345 (the lowest level reached by food prices after the war ended)

The prices of certain kharif foodgrains in 1952 Dec were as follows

Rice Gaya Rs 19, Bilaspur, Rs 13 as 4 Contai, Rs 14, Ilkamgarh Rs 14 as 8, Gorakhpur, Rs 19, Russelkonda, Rs 10

Jowar Akola Rs 10, Chandausi, Rs 11 as 4, Bharatpur Rs 10 as 8

Maize Chapra Rs 14, Nanpara, Rs 11 as 8

CONSUMPTION

There are no reliable statistics and production and consumption figures are subject to a wide margin

The National Sample Survey yielded the following results

The average rural household produced 19 9 maunds of foodgrains every year and ate 26 4 maunds during the year

The Sample accepted the figure for consumption but rejected as wide of the mark the figure for production

Though figures for food production are throughout unreliable the following generalizations should be regarded as among the least inaccurate

The average yield on one acre sown is 6 0 maunds for the country as a whole The rates in maunds for the respective zones are south India (8 2), east India (7 3) north India (6 6), north west India (6 2), central India (4 5) and west India (3 6)

The average rate of consumption per head per annum is 4 5 maunds The rates in maunds for the respective zones are north west India (5 0), central India (4 8), north India (4 6), east India (4 6), west India (4 0)

These rates include the grain fed to cattle and grain wasted between field and kitchen

India s shortage round about 1951 was 34 lakhs—being the difference between 590 lakh tons of consumption and 556 lakh tons of harvested yield

The shortage is equivalent to foodgrains needed for consumption for 21 days

Among the zones the shortage is negligible in central India and relatively small in north India and north west India The shortage in the other three zones expressed in the number of days of consumption requirement is west India (67 days), south India (34 days), east India (17 days)

The average shortage (21 days' consumption) is small But the fact is important because free trade cannot function in a market which is genuinely short of foodgrains—however small the shortage

What needs explanation is why the imports are not larger The correct level of imports should be 100 lakh tons and not 34 lakh tons Per capita production has declined by one-fifth from what it was thirty years ago Assuming that per capita consumption was the same then (4 5 maunds) as now then the shortage should be 0 9 maunds per capita Actually the 34 lakh maunds imported allows for 0 3 maunds per capita Hence the correct level of imports should be three times 34 lakh tons—100 lakh tons

On balance it seems likely that the average level of food consumption, though it is higher than in the thirties has on the whole tended to fall

HISTORICAL NOTE

About 1880 the ordinary outturn of food in British India was 50 million tons, and the surplus available for shortage, export, etc was more than five million tons

The net exports out of undivided India and Burma, the net exports out of undivided India and the net exports out of Burma are given in the following table in lakh tons

—	Out of undivided India and Burma	Out of undivided India	Out of Burma
1890-94	25 5	12 4	13 0
1895 99	21 4	6 2	15 2
1900–04	31 6	10 4	21 2
1905–09	28 4	5 2	23 2

Figures in lakh tons for undivided India without Burma for 1915 1919 are

Exports 15 9, imports 11 9, net exports 4 0

During the next five year period these figures (in lakh tons) undergo a significant change

—	Imports	Exports	Net imports
1920–24	11 4	9 8	1 6
1925 29	15 9	8 3	7 6
1930 34	18 4	5 7	12 7
1935-39	20 7	6 9	13 8

The average level of net exports out of Burma in lakh tons was as follows

1905–09	23 2
1935–39	30 6

The subsequent figures for net imports in lakh tons are as follows

1940—9 6, 1941—4 3, 1942 (net exports) —2 9 1943—3 0, 1944—7 3 1945—9 3 1946 —25 8, 1947—26 6, 1948—30 5, 1949 —28 6, 1950—27 2

*

FISHERIES

THE fisheries of India potentially rich as yet yield a mere fraction of what they could were they exploited in a fashion comparable with those of Europe North America or Japan The fishing industry particularly the marine section has certainly expanded considerably within the last 50 years concurrently with improvement in the methods of transport and increase in demand for fish cured as well as fresh from the growing population of the great cities within reach of the seaboard

The caste system however exerts a blighting influence on progress Fishing and fish trade are universally relegated to low caste men who alike from their want of education, the isolation caused by their work and caste and their extreme conservatism are among the most ignorant suspicious and prejudiced of the population extremely averse to changing the methods of their forefathers and almost universally without the financial resources necessary for the adoption of new methods even when convinced of their value 'Higher' caste capitalists have hitherto fought shy of associating with the 'low' caste fishermen and except in large operations on new lines, the capitalists cannot be counted upon to assist in the development of Indian fisheries As in Japan it appears that the general conditions of the industry are such that the initiative must necessarily be taken by Government in the uplift and education of the fishing community and in the introduction and testing of new and improved apparatus and methods

Allotment under the Five Year Plan Rs 4 64 crores

BOMBAY

Important varieties of sea fish caught along the coastline Surangi (White Pomfret) Halwa (Black Pomfret) Chol (Jew fish) Dara (Giant Threadfin) Ravas (Indian Salmon) Kuppa (Futa) Surmai (Seer fish) Boi (Mullet) Bombil (Bombay duck) Bangda (Mackerel), Mushi (Sharks) Wam (Eels)

Estimated production about 1 50 000 tons

Price per ton of fish at present Rs 292 The total value of fish caught in this State Rs 4 38 00 000

The number and names of the more important fishing villages and of the fishing grounds

Greater Bombay Lower Colaba, Worli, Danda, Versova, *Thana District* Bassein, Arnala, Dativre Satpati Navapur *Surat District* Umarsadi, Kolak *Broach District* Bulsar Kosamba Broach *Amreli District* Madhwar, Kotda Velan Okha *Kolaba District* Kiranja, Versoli Theronda, Revdanda Murud, Bharadkhol *Ratnagiri District* Burondi Dabhol Jaigad Ratnagiri Vijaydurg Jaitapur Malvan Deolbag, Vengurla *Kanara District* Majali, Karwar Bingi Chendia Harwada Kemi

Surveys carried out by several private and Government vessels in the north of Bombay have revealed extensive fishing areas off Saurashtra and Okha

The estimated fishing population 168 368

The facilities available for curing storage and refrigeration, co operative marketing are

Several ice factories in the city and also at important fishing centres along the coast

Annually, some addition to the available cold storage space is being made by extension to the existing plants and establishment of new plants

A seven ton ice plant and 30 ton cold storage were erected by Government at a cost of Rs 1,31 000 and handed over to the Satpati Fishermen's Sarvodaya Co operative Society for operation It now owns 40 out of the 130 mechanised craft in the State, all of which carry ice aboard their vessels to preserve fish right from the time it is caught

The use of insulated road vans for transport of ice fish will shortly be demonstrated to fishermen when a motor truck estimated to cost about Rs 40 000 arrives from America under the Technical Co operation Aid Programme With a mobile refrigerated transport system a further step will have been taken in the direction of preservation of fish

Marketing facilities A new structure was put up in 1951 by the Bombay Municipality to cater for the City's fish trade Lifts are being installed for the convenience of shoppers

A new market was opened during the year at Grant Road adjoining the original and congested market there at a cost of Rs 16 lakhs In the fish section space is provided for 250 squatters Sufficient space is now available to traders to display their products

Marketing facilities have also been provided at Majali Karwar Ankola Kumta, Honavar Gokarn and Bhatkal in the Kanara district and Kankaoli, and Malvan in the Ratnagiri district

About ten times the quantity of fish at present caught in the entire State will be necessary to meet the consumers demand

The quantity available for sale to the public has shown a steady increase which is approximately as follows —

Year	*Tons*
1948 49	29,000
1949 50	31,627
1950 51	31,674
1951 52	35 849

Companies that explore the possibilities of deep sea fishing Tuyo Fishing Co Ltd, has been permitted by the Government of India to conduct trawling off Bombay and Saurashtra waters The firm employs trawl nets for deep sea fishing The total quantity of fish landed by the trawler since its operation to date is about 1,800 tons

West Coast Fisheries (Travancore) Ltd commenced deep sea fishing operations in Bombay waters in February 1953 It employs trawl nets for deep sea fishing and landed about 94 tons of fish during four voyages The trawler is now conducting fishing operations off Travancore waters

GOVERNMENT HELP

Government effort in up to date fishing technique, money spent, trawlers gear used quantity of fish caught The State Government built the vessel Tapase , now renamed the Mysis in 1947, at Rs 60,000 for catching fish

Number of power propelled vessels owned by fishermen 130

Two improved type of fishing craft at a total cost of Rs 34 000 were also built during the same year and allotted to two fishermen's co operative societies in the State on half subsidy and half loan basis for capture of fish

So far Government advanced as subsidy Rs 1 93,127 and as loans for mechanisation of fishing craft Rs 4 11 076 Loans to individual fishermen during the past seven years for purchase of boats, nets, and other fishing gear Rs 16 00 000 Fishermen now possess more boats and nets with which they are able to catch more fish

100 marine diesel engines valued approximately at Rs 11,00,000 were to arrive in Bombay towards the end of 1953 and be made available to groups of fishermen at half cost, the balance being treated as subsidy These engines are allotted by the American Government under I C A Programme

Government efforts in educating fishermen —

10 fisheries schools have been established in important fishing centres, imparting special training in net making, boat repairing, fish preserving, etc Ratnagiri District 4, Kanara District 3, Thana District 1 and Surat District 2

Annual expenditure on these schools Rs one lakh

The Department of Fisheries has also a scheme to train fisher youths in the operation of power vessels and as navigators So far 70 apprentices have been trained and 16 are under training

Two graduates of the fishing community were also sent to U S A by the State Government for two years to receive training in canning refrigeration and other specialised branches of fisheries

Several candidates from fishermen's community have also received training aboard the Japanese trawler Tuyo Maru at Government expense

Public Museums aquaria The State Government maintains the Taraporevala Aquarium along the Marine Drive The exhibits include both fresh water and marine forms, found along the coast of the State The aquarium has facilities for marine biological research

A fish farm is being established at Khopoli, District Kolaba at an estimated cost of Rs 1 03 000 A fisheries technological laboratory has been established at Sassoon Dock for conducting research on problems relating to ancillary industries like shark liver oil gelatine, glue, fish meal etc

ANCILLARY PRODUCTS

To ensure quick and clean extraction of oil a Sharples super centrifuge a fish liver boiler and a steam boiler have been installed One piece of work the laboratory does is to test samples of shark liver oil from the public for vitamin A' content the number of samples so tested average over 500 a year A Beckmans spectrophotometer has been imported from the U S A for this purpose

In 1952 53 the output of neat shark liver oil was 5 070 gallons with an average vitamin A' content of 10 000 I U s/Gm The oil when processed was capable of yielding 4 68 000 lb of Oleum vitaminatum of B P standard Besides this there is the oil disposed of by the fishermen direct which will be about 2 000 gallons

The processed products marketed by the department comprise Sharkovit with vitamin A and D 1 000 and 100 I Us per gramme respectively, Hasmin Liquid a shark liver oil concentrate with vitamins A and D' 20,000 and 2 000 I Us/Gm respectively

An encapsulating unit ordered out from the U S has been installed at the laboratory for the manufacture of capsules locally

Another important by product of fisheries is fish meal The departmental laboratory is also well equipped for the manufacture of edible gelatin and fish glue both for adhesive as well as photo processing work

The following schemes have been included in the State Government's Five-Year Plan Study of marine biology and establishment of an aquarium in Bombay, Establishment of a marine biological station at Ratnagiri Establishment of ice and cold storage plants along the coast Development of inland fisheries at Khopoli, Stocking of inland waters with carp fry, Provision for merged states for inland pisciculture, Higher technical training for fisher-youths abroad, Establishment of fisheries schools along the coast, Provision for merged States for training schemes

Receipts of the department during the financial year 1951 52, are shown below —

	Rs
Fish curing yards	1,84,360
Fisheries Tech Laboratory	2,35,885
Other receipts	17,995
Taraporevala Aquarium	79,914
Total	5,18,154

The State Government's share under the U S operational Agreement No 5 amounts to Rs 30 lakhs, to be utilised to procure up to-date equipment to increase existing supplies of fish and to improve the socio economic condition of fishermen The equipment to be ordered

out is as follows 100 marine diesel engines, one dredger, one 11-ton ice plant and 30 ton cold storage for fish, one quick-freezing plant and equipment to enlarge the present ice production capacity of the plant at Satpati, and one insulated road van The State will also receive for distribution among fishermen, nylon, fish hooks and hemp twine

The total budget allotment for the department for the year 1953 54 is Rs 11,43,000

The designation of the department is Office of the Director of Fisheries, Bombay

MADRAS*

Statistics of landings of the important shoaling fishes of the west and east coasts of the State for the year 1951 52

Name of fish	Wt in Mds	Value in Rs
A WEST COAST.		
Oil Sardine	290,649	19,72,295
Mackerel	3,842,783	2,03,05,175
Silver Bellies	416,280	23,92,542
Ribbon Fish	115,427	6,30 182
Cat Fish	84,967	8,55,232
Soles	260,212	00,67,881
B. EAST COAST		
Sardines	25,758	3,28,847
Mackerel	4,263	38,058
Silver Bellies	4,939	20,528
Ribbon Fish	23,331	2,39,100
Cat Fish	23,883	3,58,939

Statistics of some fish in some important markets for 1952

Name of fish	1952 (From 44 markets)	
	Wt in lb	Value in Rs.
Carps	1 665,085	6,14,911
Cat Fish	554,544	2,10,414
Murrels	713,904	3,09,749
Notopeerus	12,994	4,102
Eels	150,648	49,566
Etroplus	29,265	11,045
Glassogobius	98,377	44,135
Mullets	235,334	78,573
Chanos	19,839	6,233
Magalops	24,445	11,429
Lates	101,420	39,429
Hilsa	130,035	73,352
Prawn	663,723	2,26,408
Crab	85,155	29,198
Polynemus	67,928	28,730
Miscellaneous	476,404	1,23,508
	6,954,426	22,12,189

The names of Sea Fish and price per maund — Salmon Rs 75, Sardine Rs. 70, Prawns Rs. 63; Pomfrets Rs 50, Mackerels Rs 88, Seer Rs 63, Hilsa Rs. 63; Perch Rs 75; Bekti Rs. 75, Flying Fish Rs 37-12, Jew Fish Rs 62-8, Shark Rs. 100; Silver Bellies Rs. 50, Caranix Rs 112, Hamiramphus Rs 56-4, Ribbon Fish Rs 62 8; Lutjanes sp. Rs. 100, Polynemes Rs 50; Soles Rs 50, Freshwater Fish Carps (Iced) Rs. 38; Cat Fish Rs 63

On the west coast there are six fishing villages in South Kanara and 17 fishing villages in Malabar. On the east coast there are 82 fishing villages

Census of Inland Fisherfolk for 1949

	Men	Women	Children
WHOLE TIME	35,867	38,067	56,296
PART TIME	8,076	7,477	9,983
Total	43,943	45,544	66,279

Fish curing yards were started by Government where good salt is supplied and the process of curing is supervised and controlled by officers of the Fisheries Department Salt is being issued for fish curing at subsidised rates in the fish curing yards

Two Ice cum cold storage plants are being erected one at Mangalore and another at Calicut When these are completed the fishermen will be able to save from spoilage at least 25 per cent of their catches and keep them in a fresh condition till they are taken to the market

Fishermen's co-operative societies formed in many villages buy the fish from the members and market it

The department have tried deep sea fishing with trawlers A secondhand admiralty trawler "TR 8" was purchased and reconditioned in England at a cost of £5,699 and named "Lady Goschen"

A survey of the fishing banks was made in 1927 Only a few tried trawls off Madras were possible during this period The trawling ground explored is the extensive submarine plateau within the 100 fathoms line which is around of Cape Comorin The fish landed belonged to some 20 species nearly all of which were bottom feeders The prime table fish caught sea brem (letherinus nebulous) Snappers (Lelilianus dedecacanthus) and L reivulatus Rock cod (Epinephelus spp) and Spade fish (Ephippus orbis) Arranged according to the quantity and value the species mostly caught are Lethrinus nebulosus over 1/6th of total catch Epinephelus spp less than 1/7th, Lutijanus doecacunitus 1/9th and (Diageammu punctutum) 1/20th

The aim of the survey was exploration and no attempt was made to capture large quantities of fish. The fish that were captured during the experiments amounted to 26 061 lb

Schools have been opened for fisherchildren Natural Science and Fisheries Science play a large part in their curriculum The children are taught handicrafts like coir rope making, mat weaving, net making, etc Books, pencils and stationery articles are given free to these children They are given all sorts of encouragement. Students are taken out on excursions to places of fishery interest

Offices of the department and teachers of Fisheries schools have done a great deal to improve the standard of life of the children

There are a museum and an aquarium belonging to the department In the Museum, preserved specimens of all important marine and fresh water fishes, various kinds of sharks, aquatic curios like sepia, labyo, sea horse etc are all exhibited The Aquarium has eight large aquaria in which Tropical Aquarium Fishes like Gold Fish, Blak Mollies, Sword Tails, Guppies, Blu Gouramy and Food fishes like Catla, Labeo, Cirrhina, Gourmi, etc are kept Most important experimental fish farms are Sunkesula Fish Farm, Praema Fish Farm, Ippur Fish Farm, Mopad Fish Farm, Mettur Fish Farm, Poondi Fish Farm, Thanthipandal Fish Farm, Chetput Fish Farm, Vellore Fort Moat Farm and Chingleput Fort Moat Farm The ponds in the farms and other ponds belonging to the department are intensively stocked with quick growing fishes every year and the catches are marketed to the Public

In addition to being an important source of food supply rich in proteins and albumenoidos, food fishes play an important part in the manufacture of several bye-products in use in the everyday life They are fish-oil (body oil and liver oil), shagrien, isinglass, fish glue, fish meal (guano), fin soup, pearl essence, fish manure, etc

The Government Shark Liver Oil Factory was opened at Kozhikode, which supplies shark liver oil for use in hospitals and for sale to the public

Schemes under the Five Year Plan Intensive seed collection and distribution for development of inland waters, Improvement of indigenous craft and tackles, Mechanisation of inshore craft was undertaken at Adirampatnam in 1948 In the indigenous crafts there is not sufficient room for effective use of the gears for holding the catches and much time and manual labour is being wasted in rowing to and from fishing grounds Other items are Provision of quick transport facilities—installation of cold storage and ice plants The transport vans are at present working at the following routes —

Sriparu and Ellore, Mettur to other places in Salem District and Bangalore, Panjore to other markets in the District, Tuticorin to other centres in the District, Mangalore to other centres, Kelambakkam to Madras, Ennore to Madras, Tiruvallavayil to Madras and Tiruvallaivanam to Madras

Revenue from Fisheries Rs 23,32,638 6-11.

Latest Budget Allotment for the Department for 1953 54 Rs 44,34,400

Government of Fisheries Department, Madras. Designation of the department

MYSORE

Mysore State has only freshwater fisheries

Kinds of freshwater fish caught Murrels, Cat fishes, Carps and Eels

Price level of fresh fish 10 as, 9 as and 6 as per lb of Murrels, Cat fishes and Carps respectively during April 1952 to March 1953

Number and names of the more important fishing villages and of the fishing grounds Scattered throughout the courses of all the river drainages of the Cauvery, the Tungabhadra, the Kabbini and the Vedavathi Many important fishing villages centre round Krishnarajasagar, Hesserghatta, Bethamangala, Ramasagara, Anjanapur, Bannur, Gubbi and Sulekere which are the more important reservoirs and irrigation tanks

The fishing population is divided into five communities Thigalas, Uppaligas, Besthas, Killekyathars and Burude besthars

No facilities for curing, storage, refrigeration or co-operative marketing are provided by Government

60 lakhs, *i e* 82 per cent of the population eat fish Annual requirement 4,000 tons

Present production meets only 2 per cent of the demand

There is only one Company called the Mysore Fisheries Company engaged in fishing Capital investment Rs 5,000 Quantity of freshwater fish caught annually 100,000 lb Methods used They employ row boats and operate the waters with the aid of gill nets, drag nets and cast nets for fishing

Only a small experimental fishing unit is operating at Hesserghatta Government has invested Rs 3,000 in large-scale gill net operations using a power driven boat. Production per annum 12,000 lb

Fishermen are being encouraged to renew their profession and are gradually extricated from the middlemen Over 3,000 fishermen were thus rehabilitated.

Experimental fish farms 3 in each of the areas of Markandeya, Markonahally and Hesserghatta reservoirs Museums One at Bangalore and the other at Krishnarajasagar No aquarium at present The Mysore Aquarists' Association has begun to agitate for an aquarium in the State.

* Includes Andhra

There are no ancillary industries like liver oil, gelatin glue or fish meal

The present fishery development scheme is included in the Five Year Plan and is being operated at an annual cost of Rs 44 000 Revenue from fisheries for 1952 53 Rs 56,000

Budget allotment for the department for 1953 54 About Rs 48,000

Designation of the department in the State Fisheries Section Department of Animal Husbandry Services in Mysore, Bangalore

ORISSA

Kinds of sea fish caught Pomfrets, Mackerel, Sardine and White Bait Kinds of river fish caught Labio Rohita Catla Catla, Cirhina Mrigala, Labio kalbasu and other Carps and Cat fishes

Latest figures of fish cured (Year 1947 48) Quantity 32 142 maunds 15 seers

Average price per maund of sea fish in pre-war years Between Rs 5 and Rs 10 Present price per maund of lower varieties Between Rs 10 and Rs 20 Wholesale price per maund of good fish like Pomfrets Between Rs 30 and Rs 50 Wholesale price per maund of higher varieties of river fish Between Rs 65 and Rs 100 Price of smaller fish Between Rs 30 and Rs 50

Important marine fishing villages Patisona pur Markandi Gopalpur Paavagi Sonapur Surla, Arvapalli Kandarapalli, Gajapatinagar, Purnuabandha Damodarpur, Rambha, Chanmuhani and Arkhakuda

Important assembly centres in the Chilka lake Kaluparaghat Rambha Balugaon, Gangadharpur, Kuhuri, Chhatrapur and Khallikota

Important inland fishing centres Ansupa lake Russelkonda reservoir and Kausalya ganga

Number of fish curing yards run by the fishermen s own co-operative stores 6 Number of ice factories which cater to preservation of fish for transport to Calcutta and elsewhere 6 Co operative marketing has developed in the Chilkha area The annual volume of trade ranges between Rs 25 to Rs 40 lakhs

There is considerable demand for fish in the urban markets unlike the interior where it is very much less on account of lack of purchasing power

The demand is approximately 100 times more than the supply

There are no deep-sea fishing companies in the State

The State has not taken up deep sea fishing There are no fishermen s schools

There is a small experimental aquarium attached to the Fisheries Department in Cuttack

Major experimental farms in the State Cuttack fish farm, Puri fish farm, Chondwar fish farm, Sonepur, Sambalpur, Balasore, Kausalyaganga, Angul, Bandh

Shark liver oil industry has developed recently Annual production 1951 52—2,575 lb crude oil, 1952 53—2,240 lb crude oil

Research is going on in the manufacture of agar agar and hydrolysed protein

Schemes under the Five Year Plan Re-organisation of the Fishery Department, Development of Inland Fishery, Biological and Technological Investigation of the Chilkha Lake Fisheries, Development of Mahanadi Estuary Development of Marine Fishery, Co operative Marketing of Chilkha Fish

Income from Fisheries Department ranges between Rs 1 5 and 2 2 lakhs per annum which does not include rent for water areas

Budget allotment 1952 53—Rs 6,00,000, 1953 54—Rs 5,83,549

The department is designated as Department of Fisheries, Orissa, which is under the administrative control of the Director of Industries who is the ex officio Director of Fisheries

THE PUNJAB

Kinds of fish caught Goonch (Bagarius), Bochwa (Chupisoma Garua), Silund (Silonia silondia) Mullee (Wallagonia attu) Nalakhi (Heteropneustes fossilis) Singhari (Mystus aor), Khaga (Rita rita) Kalbans (Labeo calbasu), Rahu (Labeo Rohita), Gid (Labeo displostomus), Bhangan (Labeo microphthalmus) Mori (Cirrhina mirgala), Sunni (Cirrhina iaba), Theila (Catla Catla) Kharni (Barbus sarana), Mahseer (Barbus putitora), Chilwa (Barilius modestus), Pari (Notopterus chitala) Saul (Ophicephalus Marulius), Daula (Ophicephalus punctatus)

Total quantity of fish caught in 1952 5,901 maunds 38 seers 11 chh

Total value of fish caught in 1952 Rs 99,440

Price level Prices vary from market to market In some markets prices are fairly high On the whole prices ranged for Wholesale at as 12 per seer, Retail at Re 1 per seer

Approximate strength of fishing population 15 000

There are no facilities available for canning storage and refrigeration but the catches of fishermen are collectively marketed under the supervision of the Departmental staff in the shops of Fish Commission Agents appointed by Government

The demand for fish in the local market is very low, the population being mostly vegetarian

After meeting the local demand the fish is exported to Delhi and U P where it finds ready market

There are no sea fisheries There are no companies engaged in exploring and exploiting the fisheries of the State

All fish is caught directly under the supervision of the departmental staff No trawlers are used, only primitive methods of fishing by nets are used

There is no school in this State for educating the fishermen and their children for improved and up-to date methods of fishing

Public museums and experimental farms in the State Government Fish Farm, Batala (District Gurdaspur)

There are no industries for fish products in this State

No scheme relating to Fisheries in this State has been included in the Five Year Plan

Revenue from Fisheries (1952 53) Approximately, Rs 1,20,000

Budget allotment for the department (1953-54) Rs 1,22,050

Fisheries Department in the Punjab is attached to the Civil Veterinary Department under the control of the Head of the Department who is designated as Director Veterinary Services and Warden of Fisheries, Punjab

UTTAR PRADESH

Kinds of freshwater fish caught

In plains (*i*) Major carps like Labeo Rohita Labeo Calbasu, Cirrhina, Mrigala, Catla Catla Labeo Genius, (*ii*) Small carps (*iii*) Munlows (*iv*) Cat fishes, (*v*) Mullets, (*vi*) Spiny eels, (*vii*) Feather backs, (*viii*) Glass fishes

In hills (*i*) Kumaon Mahaseer (*ii*) Hill Trout, (*iii*) Asela, (*iv*) Khurant (*v*) Discognathus, (*vi*) Orelnus

The State also imported three exotic varieties of fishes, *viz* Mirror Carp and Darjeeling Mahaseer for culture in Uttar Pradesh hills and Gourami for culture in the plains

Total quantity of freshwater fish caught (1944) 241,304 mds

Total value of freshwater fish caught in 1952 The Department only auctions the waters stocked and maintains such records *The value realised from such sale during 1952 53* is Rs 1,46,080

Price level of the fish during April 1952 to March 1953

Varieties	Wholesale price per maund		Retail price per seer	
	Average maximum	Average minimum	Average maximum	Average minimum
	Rs	Rs	Rs	Rs
Rohu	57	44	1 14	1 6
Nain	55	41	1 12	1 2
Bhakur	56	44	1 10	1 4
Calbose	55	40	1 11	1 4
Parhin	39	31	1 4	0 14
Turgan	40	29	1 6	0 14

Approximate strength of the fishing population Latest figures available are for 1944 about 10 695 families

Facilities available for curing, storage and refrigeration, co-operative marketing Generally fresh fish arrive in the markets and curing is rarely resorted to Gorakhpur, Basti, Kanpur, Lucknow and Dehra Dun are some of the fish markets where there are some arrivals of dried and salted fish

Active steps are being taken to encourage fishermen to form co-operative societies and to help them as far as possible in the procurement of their requirements The first society of its kind for co ordinating all Roak fishermen residing in the stretch of Ganges in Allahabad district is under formation at Allahabad

Potential demand for fish in the local markets There is great demand in the local market A major portion of the fish production in the State is exported by the fish traders to more lucrative markets outside the State such as Calcutta, Delhi, etc To supplement this the Tank Stocking and Development Scheme as part of Government of India s 'Grow More Food Campaign' was launched in the State in 1944-45

It has been decided by the Government to restrict the departmental activities to large sheets of waters with no risk of drlage and overflooding and easily accessible to the markets and to set aside the small village ponds for private enterprisers

1,806 acres were stocked and 477 acres were restocked during 1952 Besides, the stocking of 3 big reservoirs, *viz* Pahuj (1,372 acres), Barwar (2 485 acres) in Jhansi, Kitham (640 acres) in Agra and one Kondar Tal (375 acres) in Gonda was also undertaken With all this effort the production, it is felt, is insufficient to meet the demand

Government effort in up to date fishing technique, money spent trawlers, gears used, quantity of fish caught Gill net of size 2,500 ft (approximately) by 20 ft has been prepared out of parachute silk at a total cost of Rs 2,275 Trial netting in one of the lakes on the hills, *viz* Naukuchia Tal has commenced and the netting so far is successful Special types of oxygen carrier for transport of fry and fingerlings by rail and air have also been constructed

Government effort in educating fishermen Such training is imparted in the State at Banaras

Public museums aquariums, experimental farms in the State A small museum exists in the Central Fisheries Research Laboratory, Badshahbagh, Lucknow where all possible fish species available in the State have been displayed An aquarium room in the Laboratory is also being fitted up

There are two Government experimental farms in the State—one at Bhowali, District Nainital where two exotic fishes, *viz* Mirror Carp and Darjeeling Mahaseer are kept for breeding and the other is at Mirzapur where problems which confront the growth of fishes in land locked waters are studied

Schemes under Five Year Plan *i*) Research Fish Farm Mirzapur *ii*) Revival or permanent posts of Fish Marketing Officer and Fisheries Inspectors of Lucknow Circle, *iii*) Replacement of vehicles for Fisheries Section, *iv*) Rentals for fry and fingerlings collection, *v*) Construction of special transportation tanks for road and air transport of fry and fingerlings to reduce mortality, *vi*) Development of Fisheries in Canal Reservoirs

Revenue from Fisheries during 1952 53 Rs 1 46,580

Latest budget allotment for the Department (1953 54)

		Rs
(*a*)	Direction	46,000
(*b*)	Research	1,17,500
(*c*)	Development and Stocking—	
	(*i*) Scheme qualifying for Central subsidy	1,97,500
	(*ii*) Scheme not qualifying for Central subsidy	2,55 200
	Total	6,16 200

The designation of the Fisheries Department Department of Animal Husbandry and Fisheries, Uttar Pradesh, Lucknow

WEST BENGAL

Kinds of sea fish caught Pomphret, Bhetki Mackrol, Prawn Lapsi, Hilsa Chanda, Bhola, Bombay Duck Ribbon, Shark, Rayr, Skate, Eel, Cat fish Phisa, etc

Total quantity of sea fish caught in 1952 11,321 mds

Total value of the sea fish caught in 1952 Rs 1,97,600

Price per ton of different kinds of fish in March 1952

Varieties	Maximum	Minimum	Average
	Rs	Rs	Rs
Carps	130	40	84 4
Hilsa	92	30	63 4
Bhetki	95	60	90 2
Mullets	90	60	65 2
Butter	90	15	49 8
Prawn	140	65	92 13
Shrimp	60	10	33 10

Approximate strength of the fishing population 96,400

Potential demand for fish in the local market In West Bengal (27,647 mds) In Calcutta (5,561 mds)

Extent to which production meets this demand Seven per cent

Money spent by Government in connection with fishing (upto 1952 53)

Non recurring	Rs 8 95,861
Recurring	,, 11 36 065
	Rs 20,31 926

Gears used Haddock trawl, Prawn trawl, Herring trawl etc, all made of cotton twines

Quantity of fish caught 22,347 mds

There is one experimental fish farm maintained by the State Government

Ancillary industries like liver oil, gelatin, glue, fish meal and their production One Scheme for production of shark liver oil, fish-meal processed fish and utilisation of other fish by products is operated at Contai coast

Production upto 1952 53 —

Shark liver oil—21,529 lb Fish meal—131 070 lb Processed fish—18 711 lb Trash fish—158,688 lb

Schemes under Five Year Plan

(*i*) Pilot Scheme for the development of Inland Fisheries in West Bengal

(*ii*) Distribution of capital goods to the needy fishermen at subsidized rates

(*iii*) Development of tank fisheries by setting up of nursery units in rural areas of the State

(*iv*) Unionwari Tank Fishery Development Scheme

(*v*) Improvement of tank fisheries in the dry districts of West Bengal

(*vi*) Production of shark liver oil fish meal, processed fish and utilisation of other fish by products

(*vii*) Maintenance of a central pool of pumps and mudhogs for dewatering and desilting of water areas for fish farming (since discontinued)

(*viii*) Conservation of freshwater fish seedlings (carps) by controlling the mortality of spawn at different stages

(*ix*) Sea fishing scheme

Approximate Revenue from fisheries during 1952 53 Rs 2 ,,000

Budget allotment for the Department for 1953 54

Expenditure head	Rs 18 00,000
Loan head	,, 11,40,000
Total	Rs 29,00,000

The designation of the Fisheries Department Directorate of Fisheries West Bengal under the administrative control of Forests & Fisheries Department and Development Department, the latter controlling the sea fishing scheme only

*

IRRIGATION

THE area under irrigation in India is about 49 million acres and is the largest irrigated area in any country of the world

The total capacity of India s canals is over 220,000 cusecs, and the canals are over 60,000 miles in length

The total capital outlay on irrigation works is over rupees 125 crores

The total amount of annual flow of water in the Indian Union is 1,356 million acre feet Of this only 76 million acre feet or 5 6 per cent are at present being used for irrigation purposes

Allotment under the Plan—Rs 245 crores

At present eight multi purpose schemes, one major irrigation scheme, three power schemes each costing over Rs 10 crores, and 24 schemes each costing between Rs two crores and ten crores and 99 schemes each costing less than Rs 2 crores, are under actual construction

The total estimated cost of the 12 major schemes is Rs 438 crores

In addition to generation of power the completion of these projects will progressively increase the area under irrigation and improve the food supply as under —

Year	Irrigation (1,000 acres)	Additional food million tons (based on present standard of agriculture)
1951-52	647	0 2
1952-53	1,114	0 4
1953 54	1,997	0 7
1954-55	4,315	1 4
1955-56	5,499	1 8
1956 57	6,685	2 2
1957-58	7,502	2 5
1958-59	8,527	2 8
1959-60	9,190	3 1
Ultimately	12,949	4 3

The total estimated cost of the projects under construction and of those which have not yet been started is about Rs 2,000 crores, spread over a number of years All these works, if and when completed, will add over 45 million acres to India s existing 49 million acres irrigated area

The following are the new projects under construction Bhakra-Nangal Project (Punjab) Damodar Valley Project (Bihar and West Bengal), Hirakud Dam Project (Orissa), Tungabhadra Project (Hyderabad, Andhra, Mysore), Gangapur Storage Project (Bombay), Kakrapar Project (Bombay), Godavary Project (Hyderabad), Lower Bhavani Project (Madras), Mayurakshi Reservoir Project (West Bengal) and the Ghatprabha Valley Project (Bombay)

The following schemes have been sanctioned but work on them has not yet started Kosi Project (Bihar), Gandak Valley Project (Bihar), Koyna Hydro-electric Project (Bombay), Broach Irrigation Project (Bombay), Krishna Pennar Project (Andhra) Ramapadasagar Project (Andhra), and Pipri Dam and Power Station Project (Uttar Pradesh)

The following are the different measures, which are envisaged and the extent to which, on the first estimates which have been framed, additional production may be secured from each of them

	Area (Acres)	Additional Production (Tons)
Major Irrigation Projects	8,712,000	2,272,000
Minor Irrigation Schemes	7,621,000	1,932,000
Land Improvement & Reclamation Scheme	7,405,000	1,524,000
Manure and Fertilizer Schemes, Seed Distribution Schemes, other Sources		1,474,000

Upto end of March 1953 the sums spent are as follows Bhakra, Rs 55 crores ; Damodar, Rs 46 crores , Hirakud, Rs. 24 crores

Classing a year in which the deficiency is 25 per cent as a dry year and one in which it is 40 per cent as a year of severe drought the examination of past statistics shows that, over the precarious area, one year in five may be expected to be a dry year and one in ten a year of severe drought It is largely in order to remove the menace of these years that the great irrigation systems in parts of the country have been constructed

In the arid tracts where the annual rainfall is less than 15 inches, no cultivation is normally possible without irrigation

In India today we have a vast net work of canals in Uttar Pradesh, the Punjab, the deltaic area of Madras and some parts of Bihar There are about 118 high dams distributed mainly in Bombay, Madhya Bharat and southern India It is interesting to note that the number of all storage works mainly earthen works, big or small, exceeds, 35,000 in Madras and 25,000 in Mysore State

IRRIGATION STATISTICS

Area Cultivated and Irrigated

State	Gross area	Culturable area	Sown area	Area irrigated In 1949 50						Total Irrigated Area
				By Govt Canals	By Govt Tanks	Total Govt works	By Private			
							Canals	Wells	By other Sources	
Part A States										
Assam	54,404	24,109	6,192	2	22	24	655	—	403	1,082
Bihar	45,011	31,338	22,607	821	1,136	1,957	—	583	1,740	4,280
Bombay	71,318	34,735	34,473	378	154	532	64	1,035	129	1,760
Madhya Pradesh	83,374	42,406	32,305	269	1,140	1,409	—	206	71	1 686
Madras	81,785	52,108	35,796	4,410	3,226	7,636	156	1,959	320	10,070
Orissa	38,487	10,980	7,451	367	473	840	53	34	678	1,605
Punjab	23,922	16,117	13,337	3,636	7	3,643	337	1,845	21	5,846
Uttar Pradesh	72,581	52,605	39,780	4,571*	12	4,583	16*	4,323	1,882	10,803
West Bengal	19,696	13,609	12,978	279	1,035	1,314	304	15	680	2,213
Part B States										
Hyderabad	52,588	38,507	22,530	173	834	1,007	13	418	50	1,488
Jammu & Kashmir	59,379	3,443	1,301	97	5	102	516	8	75	701
Madhya Bharat	29,746	12 091	9,691	135	96	171	—	280	11	462
Mysore	18,873	10,286	6,596	262	611	873	3	85	198	1,159
PEPSU	6,450	5,772	4,844	1,297†	—	1,297	24†	618	20†	1,959
Rajasthan	83,332	7,541	9,450	631	70	701	11	672	89	1,473
Saurashtra	13,729	7,200	1,013	3	—	3	—	60	4	67
Travancore-Cochin	5,852	3,254	3,046	365	123	488	91	33	500	1,112
Part C States										
Ajmer	1,547	868	388	—	16	16	—	99	1	116
Bhopal	4,402	2,522	1,062	2	1	3	—	11	3	17
Bilaspur	290	80	124	—	—	—	5	—	—	5
Coorg	1,015	321	166	4	2	6	—	—	1	7
Delhi	370	286	256	27	4	31	—	19	—	50
Himachal Pradesh	6,689	398	—	—	—	—	—	—	135	135
Kutch	10,703	—	245	—	9	9	—	60	- -	69
Manipur	5,582	—	—	—	—	—	—	—	—	—
Tripura	2,580	351	472	—	—	—	—	—	—	—
Vindhya Pradesh	15,106	—	520	37†	17†	54	—	164	—	219
Sikkim	1,757	—	—	—	—	—	—	—	—	—
Andaman & Nicobar Islands	2,012	—	—	—	—	—	—	—	—	—
TOTAL	812,580	370,927	266,623	17,766	8,933	26,699	2,247	12,427	7,012	48,486

* Figures are for 1950-51 † Figures are for 1948-49.

Gross Irrigated Area Under Crops in 1948-49.

(In thousand acres)

States	Rice	Wheat	Barley	Jowar	Bajra	Maize	Other Cereals and Pulses	Sugar-cane	Other Food Crops	Cotton	Other Non-food Crops
Assam	1,317	—	—	—	—	—	2	—	4	—	2
Bihar	2,866	346	321	4	2	92	806	139	228	6	69
Bombay	235	262	11	364	88	34	133	187	204	3	232
Madhya Pradesh	1,506	27	2	1	—	(a)	5	48	140	(a)	6
Madras	8,256	5	(a)	505	301	8	1,061	168	253	162	508
Orissa	1,376	3	—	(a)	—	1	192	28	76	(a)	18
Punjab	238	1,472	111	67	218	263	781	228	104	208	943
Uttar Pradesh	706	4,066	2,159	28	6	60	2,591	1,415	377	51	466
West Bengal	1,847	14	2	(a)	(a)	4	42	37	27	(a)	20
Hyderabad	1 131	21	10	40	10	33	44	89	122	5	32
Jammu & Kashmir	352	26	33	1	(a)	46	25	1	18	2	80
Madhya Bharat	36	137	34	(a)	—	7	47	59	20	6	70
Mysore	747	2	—	26	14	(a)	116	48	80	7	112
PEPSU	22	518	62	14	92	127	430	57	—	149	488
Rajasthan	9	283	183	54	72	47	252	26	320	54	219
Saurashtra	—	44	—	—	—	—	—	6	—	—	—
Travancore-Cochin	717	(a)	—	—	—	(a)	13	13	199	—	222
Ajmer	(a)	19	33	1	1	33	7	(a)	15	9	11
Bhopal	(a)	1	(a)	—	—	(a)	1	12	5	—	(a)
Bilaspur	3	4	(a)	(a)	—	1	(a)	(a)	1	(a)	—
Coorg	6	—	—	—	—	—	—	—	—	—	—
Delhi	(a)	27	2	4	(a)	1	4	6	9	(a)	9
Himachal Pradesh	48	48	10	(a)	(a)	13	12	(a)	15	(a)	7
Kutch	—	19	3	5	20	—	(a)	(a)	(a)	1	6
Tripura	—	—	—	—	—	—	—	—	—	—	—
Vindhya Pradesh	1	23	14	—	—	—	28	3	1	—	(a)
Total	21,239	7,401	2,990	1,114	824	770	6,592	2,570	2,218	663	3,520

(a) = Below 500 acres

FINANCES

Irrigation works are divided into three classes, *viz*, productive, unproductive and minor works

Productive—A productive work is one, the net revenue of which within ten years from the date of its completion is sufficient to cover its working expenses and the interest charges on its capital cost

The rate of interest on the capital outlay of works constructed during the different periods have varied For works sanctioned before 1st April 1919, the rate is 4 per cent, for works sanctioned between the 1st April 1919 and 1st August 1921 it is 5 per cent, and for works sanctioned between 1st August 1921 and 31st March 1937 it is 6 per cent For works sanctioned after 1st April 1937, *vis* after the introduction of the Government of India Act, 1935, different percentages have been adopted in different parts of India

In most of the States, the rate is now 4 per cent

The Government of India have recently fixed 3½ per cent as the rate of the return on capital for determining whether a capital work should be classed as productive This rate which took effect from April 1, 1949 applies to all projects financed by the Central Government and also for determining the productivity of State works for which loans may be sought from the Centre

Irrigation works constructed in recent years and those under construction or contemplation are more expensive To satisfy the productivity test, the Planning Commission has stressed the need for raising the revenue structure by linking the water rate with the nature and quantum of crops grown and by levying betterment charges

Unproductive works are those which yield a net revenue which is less than the percentage fixed for productive works

They are constructed primarily with a view to protecting the precarious tracts and to guard against the necessity for periodical expenditure on relief of the population in times of famine They are financed from the current revenues generally from the annual grants for famine relief and insurance

Minor—These are small works for which, detailed capital or revenue accounts are not maintained Such works may be productive or unproductive

The following table shows the financial results of productive and unproductive works upto the end of the year 1946-47 in some States

Name of State	Productive Works			Unproductive Works			Total Productive and Unproductive Works		
	Capital Outlay (direct and indirect)	Net revenue	Percentage on Capital Outlay	Capital Outlay (direct and indirect)	Net revenue	Percentage on Capital Outlay	Capital Outlay (direct and indirect)	Net revenue	Percentage on Capital Outlay
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
Assam									
Bihar	2,68,23,344	14,41,056	5 38	87,91,180	74,443	0 85	3,56,14,524	15,16,399	4 26
Bombay	14,98,355	1,29,869	8 67	8,77,65,642	35,89,058	4 09	8,92,63,997	37,18,927	4 17
Madhya Pradesh				Not available	6,62,252	Not available	Not available	6,62,252	Not available
Punjab*	8,57,31,943	1,28,01,472	14 73	3,88,435	187	0 05	8,61,20,378	1,28,01,659	14 87
Madras	15,68,47,915	1,24,29,981	7 92	4,85,34,554	3,77,286	0 78	20,53,82,469	1,28,07,267	6 24
Orissa				3,29,35,404	—8,31,441		3,29,35,404	—8,31,441	
Uttar Pradesh	19,28,71,134	1,54,13,005	8 00	14,71,75,729	34,39,702	2 34	34,00,46,863	1,88,52,707	5 54
West Bengal	17,31,299			2,20,01,302	—18,094		2,37,32,601	—18,094	
Minor States				29,62,744	17,156		29,62,744	17,156	0 58
Total	46,55,03,990	4,22,16,283	9 07	35,05,54,990	73,10,549	2 08	81,60,58,980	4,95,26,832	6 07

* 1945-46 figures.

In addition capital outlay in the former Indian States exceeds Rupees 30 crores for which details are not available

CHARGES FOR WATER

Charges for water supplied for irrigation from Government canals etc, are levied at different rates and in different ways in the various administrations In most areas water rate is paid separately from land rent according to the area actually irrigated and matured, the rate varying with the crop sown In some areas notably in Hyderabad, on minor works in Bombay and wet lands in Madras and southern Orissa, assessment for irrigated crops includes both land rent and water rate

A different system of assessment is in force in parts of West Bengal, Madhya Pradesh and for long leases and Kharif season leases in Bihar, where a cultivator pays a small rent for a term of years whether he takes water or not

Perennial block system is in force on major irrigation works in the Deccan

Water rates are assessed on a seasonal basis for various types of crops

By far over the greater part of the country water is paid for separately, the area actually irrigated is measured and a rate is charged per acre according to the crop grown

Water rates on some important crops as assessed in some States are as given under —

Name of State	Name of Crop					
	Sugarcane	Rice	Cotton	Wheat	Maize	Pulses and Millets
Punjab	Rs a p 9 0 0 to 11 1 6	Rs a p 6 8 0 to 6 8 10	Rs a p 3 8 0 to 5 4 0	Rs a p 4 4 0 to 4 4 7	Rs a p 3 12 6 to 4 4 0	Rs a p 2 8 0 to 3 4 5
Madras	7 8 0 to 12 0 0	6 4 0 to 10 0 0	3 2 0 to 10 0 0		3 2 0 to 10 0 0	3 2 0 to 10 0 0
Uttar Pradesh	5 0 0 to 12 0 0	4 0 0 to 7 8 0	2 8 0 to 5 8 0	3 0 0 to 5 0 0	3 0 0 to 5 0 0	2 8 0 to 3 4 0
Hyderabad	27 0 0 to 33 0 0	One crop 11 0 0 to 13 0 0 Two crops 17 0 0 to 18 0 0				

Taken as a whole irrigation is offered on extremely easy terms, and the water rates represent only a very small proportion of the extra profit which the cultivator secures from the water he receives

There are at present (including Ceylon) nine research organisations which carry out research and model experiments on problems confronting engineers in the field of irrigation canal and river engineering

The Central Waterpower Irrigation and Navigation Research Station at Khadakvasla is being expanded and will comprise nine sections viz (1) River and Canal Hydraulics (2) Navigation (3) Soils and Soil Mechanics (4) Concrete and Materials of Construction (5) Mathematics (6) Statistics (7) Physics (8) Chemistry and (9) Hydraulic Machine Testing

Among the important large scale model experiments in progress at the Station are Hooghly Port Madras and Cochin Harbours Hirakud Spillway Mahanadi River and Kakrapara Weir

The Bombay Government however continues to maintain a separate research station where *inter alia* the problem of the disposal of untreated sewage of Poona by irrigation in thirsty lands continues to be examined and developed

MULTI-PURPOSE PROJECTS

During the period of the Five Year Plan 110 projects will be completed and a start made on five more new projects All these under construction investigation and consideration will require Rs 2 000 crores and would eventually add about 45 million acres of canal fed land and generate an additional 7 million kW of power

The projects taken up during the period of the Plan will irrigate an additional 8 5 million acres and produce 1 08 million kW extra power The increase in foodgrains will be about 2 1 million tons annually On their complete development the irrigated area will increase by 16 9 million acres and power by 1 4 million kW

The 110 projects are mostly being executed by the State Governments In addition, there are multi purpose projects which provide for irrigation, hydro electric power, flood control, navigation and fish culture

The most important of the 5 under actual construction include —

Bhakra-Nangal Project (Punjab) — The principal feature of the project is the construction of a dam about 680 feet high on the river Sutlej near the village of Bhakra about 50 miles upstream of Rupar Town in the Ambala District The total storage capacity of the reservoir is estimated to be 7 40 million acre feet, of which 5 6 million acre feet will be available for use The reservoir will extend to about 90 miles above the dam

The dam will be of the straight gravity type in concrete The length at the top will be about 1 600 feet

During the construction of the dam the waters of the Sutlej will be diverted through two 50 feet diameter tunnels, one on each side The length of the two tunnels will be about one mile Pilot headings of these tunnels have since been completed and their enlargement to a full diameter of 50 feet is in progress

About eight miles downstream of Bhakra Dam site, Nangal Dam on the river Sutlej has been completed except for the installation of gates

This dam will serve firstly to divert the requisite supplies from the river for the Nangal Hydel Canal, secondly to provide storage to smoothen the fluctuations in supplies due to load variations in Bhakra Power Plant The Nangal Canal will take off from the left bank of the river Sutlej at Nangal Headworks It will be a lined canal about 40 miles long with a maximum capacity of about 10,000 cusecs

The Bhakra Main Line will take off from the tail of this channel at Rupar

There will be three power houses on the Nangal Canal The first two power houses, each utilising a head of 98 feet, are under construction and are situated 12 and 18 6 miles downstream of the Nangal Dam and the third is to be located at Rupar with a fall of about 60 feet into the Sirhind Canal

The firm power potential of the project works out to 100 000 kW at 100 per cent load factor This power will be utilised in the States of the Punjab PEPSU, Himachal Pradesh, Delhi and Rajasthan

The Project is expected to be completed in 1960 A sum of Rs 55 crores has been spent up to March 31, 1953

Work is proceeding satisfactorily at the Bhakra dam site Partial irrigation has already started On completion it will irrigate 3 6 million acres in Punjab, Rajasthan and PEPSU

The increases in foodgrains will be about 1 3 million tons a year cotton 0 8 million tons sugarcane 0 5 million tons and pulses and oil seeds 0 1 million tons

Damodar Valley Project (Bihar and West Bengal) — The Damodar Valley Project which is one of the most important multi purpose schemes and is to benefit the States of Bihar and West Bengal has as its main features the construction of (*a*) Multi purpose storage dams with hydro electric plants (*b*) two additional hydro-electric plants at Konar No II and Bermo respectively, (*c*) the steam power plant of 20 000 kW capacity, (*d*) an irrigation project with a net work of irrigation canals and distribution measuring 1 553 miles, (*e*) a 90 miles long navigation canal, and (*f*) a power transmission grid

The ultimate benefits that will accrue from this scheme include (*a*) effective flood control of the Damodar River, (*b*) perennial irrigation of 967,000 acres including 195,000 acres now irrigated in the kharif season resulting in an additional yield of rice and rabi crop amounting to Rs 18 65 crores a year, (*c*) the generating of 240,000 kW of electric power, which will promote the growth of industry, lead to the electrification of railways, etc, and (*d*) cheap transport facilities through the navigation canal

The estimated cost of the scheme was Rs 67 90 crores The latest estimate is Rs 83 crores The construction of some of the dams was started in 1948 and 1949 and the entire project is programmed to be completed by 1954-55

The first phase of the project as included in the plan comprises (1) the Bokharo thermal station of 150 000 kW capacity (2) Tilaiya dam with a power station, (3) the Konar dam, (4) the Maithon dam, (5) the Panchet Hill dam (6) Durgapur barrage and canals, and (7) transmission line system

The Tilaiya project has been completed and the hydro-power station with two generating sets of 2 000 kW each has also been commissioned An area of 5,000 acres was irrigated from this dam in 1952 The Konar dam was expected to ready by July 1953

The Maithon Dam on the Barakar river one of the large tributaries of Damodar is one of the two key dams on which flood control and irrigation in the lower Damodar Valley will largely depend The entire work is scheduled to be completed by June 1954 and the hydro electric station by March 1955 The development of the Damodar Valley is planned on TVA lines and the Damodar Valley Corporation, set up by the Central Government by an Act, is in charge of the Project

Gangapur Storage Project (Bombay) —This Project comprises a 12 500 foot earthen dam with a reservoir of 126,000 acre feet capacity on the river Godavari at Gangapur in Nasik District This will supplement the existing supplies to the Godavari Canals and also provide water supply to Nasik City

It is also proposed to harness falls below the dam, if possible for generation of power The work on the project is in hand and is expected to be completed by 1955 6 The additional area to be brought under irrigation is 57 500 acres and the increase in food production will be 7 500 tons The estimated cost of the project is Rs 334 lakhs

Ghatprabha Valley Project (Bombay) —This project comprises the construction of two storage dams one on the Ghatprabha river and the second on the Hiranyakeshi a tributary of the Ghatprabha river The whole scheme is expected to cost Rs 30 crores

It will provide seasonal irrigation to about 100 000 acres of land It has already started irrigation over the first 15 miles and is expected to be completed by 1955 56

Godavari Project (Hyderabad) —This is a multipurpose scheme and envisages the construction of four dams two on the main river Godavari and two on the tributaries the Kaddam and the Manair The canals will take off from the lower dam on the Godavari on both the north and south banks

The total capacity of the reservoirs formed by the dams will be about 3 0 million acre feet The total area irrigated will be two million acres In addition hydro-power to the extent of 175 000 kW will be generated at the dam and the drops on the canals The total cost of the scheme including power development and transmission lines is estimated at Rs 75 crores

As a first step in the implementation of this scheme a part consisting of the dam on the Kaddam tributary and the canal from it, 90 miles long, has been taken up at a cost of Rs 8 4 crores This partial scheme will bring under irrigation 227,000 acres The work is programmed to be completed by 1955

Harike Barrage —At the confluence of the rivers Sutlej and Beas has been completed the Harike Barrage except for the installation of gates Work on the Ferozepore feeder and the Bakhu canals is in progress

Hirakud Dam Project (Orissa) —The dam will be nearly three miles in length across the main channel of the river Mahanadi with 17 miles of low dykes on the two sides The maximum height of the dam will be about 195 feet The reservoir will have a gross storage capacity of 6 75 million acre feet

Nearly 1 9 million acres of land will be irrigated and nearly 200,000 kW of firm power will be generated The ultimate power expected from this project at main dam is 123,000 kW This will be augmented to 199,500 kW if it is subsequently decided to construct a subsidiary dam and power channel

With the construction of the Hirakud Dam it will be possible to afford substantial and adequate measures of flood protection to the delta area at relatively small cost The regulated releases of water from the Hirakud reservoir will permit appreciable improvement in the navigability of the Mahanadi

The cost of the Hirakud Dam project including the main transmission lines and grid substations was originally estimated at Rs 48 crores But according to the revised estimate of the Advisory Committee the whole project is estimated to cost Rs 92 crores

Work on the dams is well under way Both irrigation and power are expected to be available from the Project in 1955

Kakrapar Weir and Canals Project (Bombay) —This Project has been taken up by the CWINC on behalf of the Government of Bombay and was inaugurated on November 1, 1949

The project is proposed to be developed in two stages The weir about 2 175 feet long and 45 feet high above the deepest river bed was completed in the middle of 1953 Canals which will aggregate 850 miles are intended to irrigate 6 lakh acres of land in the Surat District Increasing food production by 1 6 lakh tons and cotton by 16 000 tons

The project will cost about Rs 6½ crores

It is also proposed to construct a storage dam at Ukai, 16 miles upstream of Kakrapar

In stage II the height of the dam will be raised for increasing the gross storage capacity to 3 55 million acre feet

There will be two power houses one at the dam site and the other at the end of a 16 mile power canal with a total installed capacity of 200 000 kW The firm power available at 60 per cent load factor will be 133 000 kW There will be in addition high level canals commanding a gross area of 100,000 acres

Stage II will cost Rs 31 crores and is expected to be completed by 1956 57 The scheme will ensure partial flood control of the river

Lower Bhavani Project (Madras) —This comprises the construction of a dam 160 feet high and 1,520 feet long with earthen flanks across the river Bhavani a tributary of the Cavery The site is about 20 miles from the Mettupalayam railway station A canal on the right side 121 miles long will irrigate about 207 000 acres of cotton cholam and rice crops in Coimbatore District and it is intended to develop seasonal power of 10,000 kW

The cost of the scheme is Rs 9 61 crores A start on the construction was made in 1948 and it is scheduled to be completed by 1954, but irrigation began in 1953

Mayurakshi Reservoir Project (West Bengal) —This project comprises the construction of a low masonry dam 117 feet high to store 0 9 million acre feet of water, a weir at Tilpara and a canal system extending over 1,240 square miles on both sides of the river Mayurakshi

The scheme will bring under irrigation an area of 595 000 acres for kharif and 1 000,000 for rabi crops In addition 4,000 kW hydro power will also be generated The estimated cost of the scheme is Rs 15 5 crores The project is under construction and is programmed to be completed by 1954

Tungabhadra Project (Hyderabad, Andhra, Mysore) —The Tungabhadra Project work on which was taken up jointly by Madras and Hyderabad, has as its main feature a masonry dam about 160 feet high and 7 912 feet long across the river Tungabhadra, a tributary of the Krishna near Mallapuram in Bellary District The effective capacity of the reservoir will be 2 68 million acre feet

The construction of the dam was started in 1945 It has cost Rs 50 crores The first waters from it were released for irrigation on June 30, 1953 About 250 000 acres in Andhra and 4 50 000 acres in Hyderabad are irrigated by the two canals one 225 miles long covering Bellary and Kurnool districts and the other 127 miles long on the Hyderabad side

The dam will help in raising food production by 140,000 tons The Hydro-electric supply from this project will be 60 000 kW on the Andhra side and 110 000 kW on the Hyderabad side

NEW WORKS

Broach Irrigation Project (Bombay) —This consists of a dam 166 feet high approximately 18 miles north east of Broach on the Narbada river The canal systems on both bank will command an area of 1 8 millions acres

The scheme is estimated to cost Rs 10 crores and will take seven years for completion

Chambal —For the development of the Chambal river basin, shared by Madhya Bharat, Rajasthan and Uttar Pradesh, three dams—one in Madhya Bharat and two in Rajasthan—and a barrage below Kotah in Rajasthan will have to be built

Extra development of the basin is expected to cost about Rs 48 crores and will irrigate 1 2 million acres and generate 100,000 kW

In the initial stage the Kotah dam and part of the transmission system have been dropped and the cost reduced to Rs 36 crores

Gandak Valley Project (Bihar) —This project envisages the construction of a barrage across the Gandak river at Tribeni Ghat just below the offtake of the existing Tribeni canal and two new canals one on either bank of the river The area to be brought under irrigation is 2 5 million acres in Bihar 0 75 million acres in Uttar Pradesh and 0 1 million acres in Nepal The scheme is estimated to cost Rs 20 crores

Kosi Project (Bihar) The Kosi project envisages the construction of a dam of an unprecedented height of about 785 feet above rock foundations on the Kosi River a mile upstream of Barahkshetra temple in Nepal for flood control, power irrigation navigation, soil conservation, silt control fish culture and recreation etc

The barrage will be constructed across the Kosi at Chatra in Nepal and the canals one on either bank will take off to irrigate 3 845 million acres out of which 0 62 million acres will be in Nepal and 3 325 million acres in Bihar The power station to be installed in the body of the dam will have an installed capacity of 1 8 million kW

The project has been planned for construction in seven stages The total scheme is to cost Rs 177 crores In the first stage it is proposed to moderate the intensity of floods and irrigate 27 lakh acres in Nepal and Bihar at a cost of Rs 66 crores

Koyna Hydro-electric Project (Bombay) —The Koyna Project contemplates the construction of a dam across the Koyna River at Jalkwadi The scheme is ultimately capable of generating 580,000 kW of firm power at about 75 per cent load factor The scheme is estimated to cost Rs 65 crores

In the first stage four units of 60 000 kW will be erected at a cost of Rs 36 crores

Krishna-Pennar Project (Andhra)—This project is by far the most important scheme in the State of Andhra It consists of the construction of two reservoirs, one in Kurnool district on the Krishna River near Siddeswaram and the other on the Pennar by a large canal cut about 100 feet deep through the ridge separating the two rivers

Between the Krishna and the Pennar, large areas would be brought under irrigation in Kurnool and Cuddapah districts The total area to be irrigated will be 3 2 million acres Large blocks of firm and seasonal plower will also be developed

The estimated cost of the project is Rs 120 crores excluding the cost of works required for power generation

Pipri Dam and Power Station Project (Uttar Pradesh)—This Project is proposed to impound nine million acre feet of water by a 280 feet high dam across the river Rihand, a tributary of the Sone, near village Pipri The power house will have an installed capacity of 240,000 kW and it will also bring under irrigation about four million acres of land

The estimated cost of the scheme including transmission and transformation, is about Rs 31 2 crores

Preliminary investigations have been completed and contract drawings specifications prepared However, due to financial stringency, work on this scheme has been considerably slowed down

Ramapadasagar Project (Andhra)—Like the Krishna Pennar is a super project costing about Rs 129 crores It envisages the construction of a concrete dam, 430 feet high with the lowest foundation level 190 feet below the river bed

The project will irrigate 2 7 million acres of 1st and 2nd crop and will improve the existing supply of another 2 11 million acres of land It will develop 150,000 kW of firm power and provide in addition, navigation facilities from the port of Vishakapatnam to the hinterland of the lake

The annual food production is expected to be 1 1 million tons The project will take 10 years for completion

Ukai—A tie up with the Koyna is the Ukai dam proposed across the river Tapti in Gujarat it has an irrigation potential of 529,000 acres in addition to an installed capacity of 300,000 kW.

FIVE-YEAR PLAN

The allotments are as follows

Irrigation—Rs 168 crores

Multi purpose irrigation and power—Rs 266

Minor irrigation works—Rs 77 crores

by 1956 the projects will irrigate 8 5 million additional acres The minor irrigation works will irrigate another 11 million acres

The total irrigated area will increase from 49 million acres to about 68 million acres by 1956

The addition year by year will be as follows 1952-53 1,890,000 1953 54—3 553,000 1954 55—5 749 000, 1955 56—8,533,000, Ultimate —16 942,000

The targets for additional production are Foodgrains—7 6 million tons, cotton—1 26 million bales jute—2 09 million bales, sugar —0 7 million tons, oilseeds 0 4 million tons

Major irrigation works will yield 2 01 million tons of foodgrains, minor works 1 78 million tons

PATENTS AND DESIGNS

THE Law relating to Patents and Designs in India is contained in the Indian Patents and Designs Act 1911 (II of 1911) as amended uptodate and the Rules issued thereunder

This Law is expected to be revised thoroughly on the basis of the recommendations of the Patent Enquiry Committee A Bill embodying these recommendations has been prepared by Government and will be placed before Parliament shortly

This Law at present extends to the whole of India except the State of Jammu and Kashmir With the extension of the Law to the whole of the Indian Union, the pre existing patent laws, if any, in the "Indian States' have been repealed The Law does not extend to Pakistan, United Kingdom or any British possession

The Patent Office at Calcutta which was established under the Indian Patents and Designs Act, 1911, is the only Office for the whole of India (except the State of Jammu and Kashmir The Office is in the charge of the Controller of Patents and Designs It has no branches or agencies elsewhere

India is not a party to the International Convention for the Protection of Industrial Property But, arrangements for giving 'Priority" patents and registered designs exist between India on the one side and each of the following countries on the other viz Australia Canada New Zealand Eire, the United Kingdom, the Union of South Africa and Pakistan In the case of Ceylon priority arrangements exist in respect of patents only and not in respect of designs

PATENTS

The main provisions of the Indian Patents and Designs Act which regulate the granting of patents and patent rights are briefly as follows —

Varieties of Patent—The Act provides for the granting of four kinds of patents, namely —

(i) a patent which is dated as of the official date of the application for the patent,

(ii) a patent of addition, for improvement or modification of an invention for which invention a patent has already been applied for or granted,

(iii) a secret patent for an invention relating to instruments or munitions of war,

(iv) a patent claiming "Priority," which is dated as of the official date of the corresponding application for patent first made in a country outside India which has established reciprocal arrangements with India for mutual protection of inventions

What may be Patented—The subject-matter of a patent should be a "manner of new manufacture," which may be any process or apparatus for producing, preparing, or making an article, or any article of manufacture It is essential that the process, apparatus or article of manufacture should suggest an act to be done or an operation to be performed, and that the result must be a vendible product

Illustrations of patentable inventions are new textile machines, power plants, agricultural implements, domestic appliances, drying and moistening apparatus and processes, and sanitary appliances New compositions of matter may also be patented if their properties would not be deducible from known properties of their constituent substances In the field of chemical industry, new processes and apparatuses for manufacturing synthetic products, food stuffs, dyes, soda ash, caustic soda, bleaching powder, toilet preparations and processes for the treatment of oil seeds, by-products and waste materials, would be patentable inventions.

The discovery of a hitherto unknown natural law is not patentable Similarly, a method of calculation or a new notation for writing music, a new method of curing diseases, natural substances suitable for food, cannot be classed as 'manufactures,' and are, therefore, not patentable

What are commonly called "patent medicines are medicines prepared by secret formulas and are not usually protected by the grant of patents The proprietors of such medicines may in most cases possess trade mark rights in the names by which the medicines are known "Patent or proprietary medicines' may be registered under the Drugs Act, 1940, which contains provisions for the prohibition of the import, manufacture and sale of mis-branded drugs Applications for registration of patent or proprietary medicines should be made to the Central Drugs Laboratory, 110, Chittaranjan Avenue, Calcutta

Who may obtain Patent.—Any person in possession of an invention may obtain a patent, irrespective of his nationality The term "person' includes a company, a firm or a partnership An application for an ordinary patent (i e, a patent which would be dated as of the official date of the application) may be made by any person either alone or jointly with others An application for a patent of addition may be made only by the applicant for the original patent to which it is an addition as long as the application for the original patent is pending, or by the registered proprietor of the original patent if it has been granted An application for a secret patent should be made by the inventor himself An application for a patent which claims a "Priority date' may be made by the person who has made the application on which the claim to priority is based, or by his legal representative, or assignee, either alone or jointly with others

Government Servants—Subject to any special conditions of service or to any special orders applicable to the persons employed in any particular department, all government servants are at liberty to apply for a patent direct to the Patent Office Government servants employed in the Defence Services, in the Indian Navy and in the Indian Air Force should not apply for patents except in the manner laid down in the Special Regulations applicable to them Government servants employed on scientific or technical research should not apply or cause or permit any other person to apply for a patent for an invention made by them, save with the permission of the Government and in accordance with such conditions as the Government may impose Railway servants are also subject to similar restrictions

PROCEDURE FOR OBTAINING PATENTS

An application for a patent should be drawn up on the prescribed form and forwarded to the Controller of Patents and Designs, the Patent Office, No 214, Lower Circular Road, Calcutta 17 As a rule, the inventor, or his legal representative or his assignee should be a party to the application The application should be accompanied by a specification in duplicate, prepared on the appropriate prescribed form, and also the prescribed fee

Specifications—The specification which should accompany an application may be either a Provisional Specification or a Complete Specification A Provisional Specification should describe the nature of the invention A Complete Specification must particularly describe and ascertain the nature of the invention and the manner of performing it in practice A Provisional Specification cannot be filed in respect of an application claiming "Priority date" A Complete Specification should, therefore, accompany every such application.

If a Provisional Specification accompanies an application it will be necessary to file the Complete Specification within 9 months from the date of the application This period of nine months may be extended by one month by paying an additional fee of Rs 10

Drawings—If the invention is capable of illustration by means of drawings, suitable drawings should also be filed in duplicate

Fees—The fees payable in respect of the filing of an application accompanied by a Provisional Specification is Rs 10, and in respect of the filing of an application accompanied by a Complete Specification is Rs 30 The fee payable in respect of filing a Complete Specification following a Provisional Specification is Rs 20

The fees may be paid in cash at the Patent Office, or may be sent by Postal Order, Money Order or Cheque, made payable to the Controller at Calcutta

Examination.—An application properly filed in the Patent Office is accorded a serial number and date Every application in respect of which a Complete Specification has been filed is, before it is accepted, examined with a view to ascertaining mainly whether the invention is *prima facie* a manner of new manufacture or improvement, whether the nature of the invention or the manner of performing it is particularly described, and also whether the statement of claim sufficiently defines the invention

Acceptance—On the acceptance of an application (other than an application for a secret patent), the specification and drawings in respect of it become open to public inspection The acceptance is advertised by the Patent Office in the *Gazette of India* The specification and drawings are also printed and a limited number of printed specifications are made available for sale Printed specifications are identified by their serial numbers and are sold by the Manager of Publications, Civil Lines, Delhi, at Re 1 a copy

Opposition—The grant of a patent on any application (other than an application for a secret patent) may be opposed by any person within 4 months of the date of advertisement of its acceptance

Some of the grounds on which the grant of a patent may be opposed are—that the invention sought to be patented has been publicly used or made publicly known in any part of India that the nature of the invention or the manner of performing it is not sufficiently or fairly described in the specification, or that the applicant for patent is not the true inventor but the applicant obtained the invention from the opponent or from a person through whom he claims

Sealing the Patent—In the absence of any opposition, or in the event of an opposition if the application passes the opposition successfully, the Patent Office would send the applicant a sealing fee demand notice, and on receipt from him of his request for sealing the patent accompanied by a sealing fee of Rs 30, a patent is sealed on the application and the sealing is notified in the Register of Patents

TERM AND CONTINUANCE

The normal term of a patent other than a patent of addition is 16 years from its date, but in special circumstances the term may be extended for a further period not exceeding 10 years A patent of addition remains in force as long as the main patent is in force

The continuance of a patent other than a patent of addition and a secret patent is subject to the payment of certain renewal fees No renewal fees are payable for the continuance of patents of addition and secret patents

Effect of Grant —The grant of a patent under the Act confers upon the patentee the exclusive privilege of making, selling and using the invention throughout India and of authorising others to do so

After a patent is obtained, the patentee may sell the patent outright, or may grant licences for its exploitation, or may work the patent himself

Infringement of Patents —If, during the continuance of a patent, any person makes, sells or uses the invention protected by the patent without obtaining a licence from the patentee or counterfeits or imitates it, the patentee may institute a suit for infringement against such person The defendant in an infringement suit may counter claim the revocation of the patent

A suit for infringement may be instituted in a District Court having jurisdiction to try the suit, but when a counter claim has been made for the revocation of the patent, the suit along with the counter-claim is decided by a High Court

Compulsory Licence —As a safeguard against abuse of monopoly rights, provisions have been made in the Act, so as to enable any interested member of the public to apply to the Controller for a compulsory licence The grounds on which a compulsory licence may be applied for the relief available, procedure for disposal of the application appeals, and procedure for disposal of appeals are respectively laid down in sections 22, 23 23D, 23E and 23G of the Act

Compulsory Licence for Food or Medicine, etc —If the subject of a patented invention is in respect of food or medicine or is used in the production of food or medicine, or capable of being used as or as part of a surgical or curative device and also if the subject is a process for producing food or medicine it is open to the Controller to grant licences without following the circuitous procedure prescribed for granting compulsory licences generally

Licences of Right As a supplementary provision the Act has also conferred on the Central Government the right to apply to the Controller for endorsement of patents with the words Licence of Right The effect of such endorsement is given in section 23B of the Act Procedure for disposal appeals and procedure for disposal of appeals are the same as those for a compulsory licence

DESIGNS

The main provisions of the Act relating to the registration of designs and registered designs are briefly as follows —

A Design means only the features of shape, configuration, pattern or ornament, applied to an article by any industrial process or means To be registrable under Part II of the Act, a design must be new or original, and must be applicable to an article A model or principle of construction of an article, or anything which in substance is a mere mechanical device cannot be registered as a design Trade Marks and trade names are not designs for the purpose of the Act Literary or artistic creations such as books, pictures and music which fall under the Indian Copyright Act III of 1914, do not also come within the scope of the Indian Patents and Designs Act

The novelty or the originality of a design is judged solely by the eye with reference to the external appearance of the finished article to which the design is applied Neither the constructional details of the article which would not be visible in the finished article, nor the utility of the article, would be relevant for deciding the registrability of the design The novelty and the originality of a design will be destroyed by the publication of the design

For purposes of registration of designs, goods to which the designs are to be applied have been grouped into fourteen classes according to the substances composing the article If an article is composed of more than one substance, it is classified according to the predominant substance

WHO MAY APPLY AND HOW

Any person claiming to be the proprietor of a new or original design not previously published in India may apply for the registration of the design

An application for the registration of a design should be drawn up on the prescribed form and should be forwarded to the Controller of Patents and Designs The prescribed fee and four copies of the design should accompany the application The fee payable for filing an application for registration of a design in any one of the classes Nos 1 12 is Rs 3, and for registration in class No 13 or 14 is annas eight only

The copies of the design which should accompany an application may be drawings, photographs tracings or specimens The representation of the design should be such as would enable a person looking at it to form a mental picture of the shape, configuration pattern or ornament of the finished article to which the design is to be applied Representations illustrating merely the method or principle of construction or the operation of the article, are not suitable

It is possible to register a design in more than one class if the article to which it is to be applied is composed of substances included in different classes

Copyright on Registration —The registration of a design confers upon the registered proprietor, for a limited period, the exclusive right to sell or to make for sale any article to which the registered design has been applied

The period of copyright obtainable on registration of a design is initially five years, but this initial period can be extended to two further periods of five years each, on payment of a fee of Rs 10 for each period of extension

Infringement —During the existence of copyright in a registered design, the unauthorised application of the design to the article in question for purpose of sale is prohibited The penalty for each infringement is a sum not exceeding five hundred rupees recoverable as a contract debt the proprietor may, in the alternative, elect to bring a suit for the recovery of damages and for an injunction against the repetition of the infringement, in which case the infringer is liable to pay such damages as may be awarded By an amendment made in Section 18 of the Indian Sea Customs Act (No VIII of 1878), it has been rendered possible to stop the importation into India of goods bearing a pirated design

Cancellation —The registration of a design may be cancelled on the ground that the design has been previously registered in India, or the design has been published in India prior to the date of registration or the design is not new or original An application for cancellation may be made by any interested person at any time to a High Court, or to the Controller within one year from the date of registration on the ground of prior registration or prior publication mentioned above

Registers —The Patent Office maintains a Register of Patents and a Register of Designs Particulars of name, addresses nationalities of the grantees of patents the titles of inventions, dates of patents, renewal of patents and transactions affecting the proprietorship or validity of patents are notified in the Register of Patents Similar particulars in respect of designs accepted for registration are notified in the Register of Designs The Registers are open to inspection by the public on payment of a fee of Re 1 in respect of each patent or design

Certificates —Certified copies sealed with the seal of the Patent Office, of any entry in the Register of Patents and the Register of Designs may be obtained by any person on application to the Controller, accompanied by the prescribed fee

A technical library is attached to the office The library is open to the public, free of charge.

TRADE MARKS

THE Trade Marks Act, 1940 (Act V of 1940) was passed by the Indian Legislature in March 1940 to provide for the registration and more effective protection of trade marks Sections 1 and 85 of the Act came into force at once and under the latter section intending applicants for registration were enabled to deposit their trade marks About 158 000 trade marks were so deposited, which have since been classified and indexed

Before the other provisions of the Act could be brought into force the Act was amended in 1941 (Act XXVII of 1941) to establish a separate Trade Marks Registry in Bombay under a Bombay Registrar with jurisdiction over textile marks only The Amended Act came into force on the 1st June 1942 but had again to be amended by the Trade Marks Amendment Act 1943 The Act was further amended in April 1946 (Act XII of 1946) with a view to avoiding conflict of registration in the Princely States which had either passed Trade Marks Act of their own or proposed to do so in the near future, and also to make trade marks registered in any territory effective in all territories in which trade marks legislation has been enacted

On the Federal Financial Integration of States in April 1950 the administration of trade marks in the States was taken over by the Centre and centralised at the Trade Marks Registry Bombay With the extension of the Central Laws to Part B and Part C States the Trade Marks Act, 1940, now extends to the whole of India except Jammu and Kashmir

The main office of the Trade Marks Registry is at Bombay and the Register is also kept at Bombay Mr K S Shivaksha B A (Oxon), Bar at Law, is at present the Registrar of Trade Marks

There are at present two branches of the Trade Marks Registry One is established in Calcutta at which copies of the Register and the Refused Textile Marks List are kept The Branch Registry is in charge of the Deputy Registrar who is empowered under section 4 (2A) of the Act to discharge under the superintendence and direction of the Registrar, any function which under the Act may be discharged by the Registrar Any reference in the Act to the Registrar includes a reference to the Deputy Registrar when so discharging any such function Where the Registrar directs the Deputy Registrar to deal with a particular matter, he has in disposing of such matter the same powers as the Registrar At present, the Deputy Registrar of Trade Marks is Mr B C Ojha, B A Bar at Law B com The other branch is at Bangalore under the charge of an Examiner of Trade Marks, Mr V R Keshavaraj, B A, who is Ex officio Dy Registrar of Trade Marks and has the same powers as the Deputy Registrar at Calcutta in respect of matters directed by the Registrar to be dealt with by him

The following is a summary of the important provisions of the Trade Marks Act 1940

A 'mark' includes a device, brand, heading, label, ticket, name signature word, letter or numeral or any combination thereof a trade mark means a mark used or proposed to be used in relation to goods for the purpose of indicating or so as to indicate a connection in the course of trade between the goods and some person having the right to use the mark A trade mark may be registered only in respect of particular goods or classes of goods Any person who is desirous of registering a mark should apply to the Registrar in the prescribed manner The application may be made either at the Registry at Bombay or at the branch office at Calcutta, or Bangalore

Under section 6 (1), distinctiveness is the prime requisite of a trade mark for registration A registrable trade mark must consist of or contain at least one of the following essential particulars (1) name of a company or individual represented in a special or particular manner, (2) signature of the applicant or some predecessor in business, (3) one or more invented words, (4) word or words, having no direct reference to the character or quality of the goods and not being according to its ordinary meaning a geographical name or surname or the name of a sect, caste or tribe in India and (5) any other distinctive mark A mark consisting of a name, signature, or any word other than such as fall within the above description is not registrable except upon evidence of distinctiveness In determining whether a trade mark is distinctive the extent of the inherent distinctiveness of the mark, as well as its acquired distinctiveness by use or otherwise, will be considered The commonly accepted name of any single chemical element or chemical compound is not registrable in respect of a chemical substance or preparation Trade marks which are contrary to law or morality, or disentitled to protection in a Court of Law by being likely to deceive or cause confusion or which are likely to hurt religious susceptibilities, are not registrable The Act contains also special provisions for the registration of certification trade marks, and for defensive registration

When an application for registration has been accepted subject to such conditions if any as the Registrar might think fit to impose the Registrar shall cause the application to be advertised accordingly Under section 15 (2) any person may in the prescribed manner oppose an application so advertised within 4 months and after hearing the parties the Registrar will decide whether registration is to be permitted The date of registration of a mark, if and when registered, shall be the date of filing of the application therefor at the Registry

The registration of a mark will be in force for 7 years in the first instance after which it may be renewed for a period of 14 years In all legal proceedings relating to a registered trade mark, the fact of registration shall be *prima facie* evidence of validity of the registration and of all subsequent assignments and transmissions Further after seven years from the date of registration, the validity of the original registration cannot be questioned except on grounds of fraud or deception or unless the mark offends against section 8

The registered proprietor of a trade mark is entitled to an action for infringement under the Act This valuable right is extended to owners of old marks, who had applied for registration of their trade marks within five years from the commencement of the Act and registration of which has been refused by the Registrar The rights of action to passing off are not affected by registration, and are expressly preserved under the Act Registration gives to the registered proprietor the exclusive right to the use of the trade mark in relation to the goods for which the mark is registered Where a mark is already registered by one person the same or nearly similar mark cannot be registered by another person, except in case of honest concurrent use or of other special circumstances under section 10 (2)

The proprietor of a registered trade mark has power to assign the mark and may assign it whether in connection with the goodwill of the business or not A registered proprietor may also assign an unregistered trade mark without the goodwill of the business along with a registered trade mark under certain circumstances Any assignment made without the goodwill by the business must be advertised as directed by the Registrar

A person other than the proprietor of a mark may be registered as a registered user on application being made both by the proprietor and such person to the Registrar in the prescribed manner, accompanied by particulars relating to their relationship, the control of the one over the other, and other facts relevant to the permitted use The registered user may under certain circumstances file an action for infringement in his own name as if he were the proprietor, but cannot assign or transmit the mark

Any person aggrieved by the presence of a mark or entry on the Register may apply in the prescribed manner to the Registrar or to a High Court for rectification of the Register The registered proprietor may apply to the Registrar for correction or cancellation of any entry in the Register relating to his trade mark He may also apply for alteration of the registered mark in any manner not substantially affecting its identity

With effect from the 1st January 1947, it has been an offence to describe a trade mark as registered when it is not so registered This does not however apply to a trade mark for the registration of which an application was filed at the Trade Marks Registry before 1st January 1947 and which has not been disposed of by the Registrar The use of the word Registered" however, is permissible if it is clearly indicated that the reference is to registration of the mark under the law of a country outside India or if the word is used solely in relation to goods to be exported to a foreign country where the mark is registered Declaration of ownership of a trade mark under the Indian Registration Act of 1908 is not equivalent to registration under the Trade Marks Act, 1940 and the use of the word registered' to signify registration of declaration of ownership would therefore be an offence with effect from the aforesaid date The use of Royal Arms, Heraldic devices and State emblems without due authority may be restrained by injunction from the Registrar or at the suit of any other person who is duly authorised to use such Arms etc but the rights to their use acquired before the coming into force of the Act are not affected

All appeals from the decisions of the Registrar lie to the High Court

There are also special provisions for registration of textile trade marks and for the constitution of an Advisory Committee to advise the Registrar with respect to usages of the textile trade

The criminal law relating to trade marks is contained in the Merchandise Marks Act (IV of 1889) Section 3 of this Act enacts Sections 478—489 of Chapter XVIII of the Indian Penal Code

During the transitional period, *i e* from the 15th August 1947 to the 31st March 1948, the Trade Marks Registry, Bombay, had been registering trade marks for both India and Pakistan in accordance with the special provisions made in the Indian Independence (Miscellaneous Transitional Provisions) Order 1947 These arrangements, however, terminated on the 31st March 1948

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COPYRIGHT

COPYRIGHT in every original literary, dramatic, musical and artistic work means the sole right to produce or reproduce the work or any substantial part thereof in any material form whatsoever, to perform or in case of a lecture to deliver the work or any substantial part thereof in public, if the work is unpublished, to publish the work or any substantial part thereof Amongst other things it includes the sole right to produce, reproduce, perform or publish any translation of the work, in the case of a dramatic work, to convert it into a novel or other non dramatic work and in the case of a novel or other non-dramatic work or of an artistic work, to convert it into a dramatic work by way of performance in public or otherwise, and in the case of a literary dramatic or musical work, to make any record, perforated roll cinematograph film or other contrivance by means of which the work may be mechanically performed or delivered Copyright also includes the right to authorise any such acts as aforesaid

Publication in relation to any work means the issue of copies of the work to the public but does not include the performance in public of a dramatic or musical work, the delivery in public of a lecture, the exhibition in public of an artistic work or the construction of an architectural work of art, but the issue of photographs and engravings of works of sculpture and architectural works of art shall not be deemed to be publication of such works

COPYRIGHT ACT

Copyright in India is governed by the Indian Copyright Act III of 1914 which made the Imperial Copyright Act of 1911 applicable to India with such modifications as appeared to be desirable for adapting its provisions to the circumstances of India The portions of the Imperial Act made applicable to India form the First Schedule to the Indian Copyright Act III of 1914

Copyright subsists throughout the parts of the Commonwealth to which the Imperial Act extends Registration is no longer necessary but the publisher of every book has to supply a copy thereof as provided in the Copyright Act and in the Press and Registration of Books Act XXV of 1867 The author of a work is the first owner of the copyright therein and may assign the right either wholly or partially (copyright being a bundle of different rights) and either generally or subject to limitations, or may grant any interest in the right by license to another person but no such assignment or grant is valid unless it is in writing signed by the owner of the right in respect of which the assignment or grant is made or by his duly authorised agent

DURATION OF COPYRIGHT

Generally the term for which copyright subsists is the life of the author and a period of 50 years after his death but at any time after the expiration of 25 years or in the case of a work in which copyright subsisted at the time of the passing of the Imperial Act of 1911, 30 years from the death of the author of a published work, copyright in the work is not deemed to be infringed by the reproduction of the work for sale if the person reproducing the work proves that he has given the notice in writing prescribed by the Government of India of his intention to reproduce the work and that he has paid in the prescribed manner to or for the benefit of the owner of the copyright royalties in respect of all copies of the work sold by him calculated at the rate of 10 per cent on the price at which he publishes the work

If, at any time after the death of the author of a literary, dramatic or musical work, which has been published or performed in public, a complaint is made to the Supreme Court of India that the owner of the copyright in the work has refused to re publish or allow the re publication of the work or has refused to allow the performance in public of the work and that by reason of such refusal the work is withheld from the public, the owner of the copyright may be ordered to grant a licence to reproduce the work or perform the work in public as the case may be on such terms and subject to such conditions as the Supreme Court may think fit

DURATION OF SOLE OWNERSHIP

In the case of works first published in India copyright is subject to this limitation that the sole right to produce, reproduce perform or publish a translation of the work subsists only for a period of 10 years from the date of the first publication of the work but if within the said period the author or any person to whom he has granted permission so to do publishes a translation of any such work in any language copyright in such work as regards the sole right to produce, reproduce, perform or publish such translation in that language is not subject to the limitation above prescribed

The term for which copyright subsists in photographs is 50 years from the making of the original negative from which the photograph was directly or indirectly derived and the person who was owner of such negative at the time when such negative was made is deemed to be the author of the work.

MUSICAL INSTRUMENTS

The provisions of the Act as to mechanical instruments for producing musical sounds were found unsuitable to Indian conditions "The majority of Indian melodies," it was explained in Council, have not been published, *i e*, written in staff notation, except through the medium of the phonograph It is impossible in many cases to identify the original composer or author, and the melodies are subject to great variety of notation and tune To meet these conditions S 5 of the Indian Act follows the English Musical Copyright Act of 1902 by defining musical work as meaning any combination of melody and harmony, or either of them, which has been reduced to writing

The Copyright Act does not apply to designs capable of being registered under the Patents and Designs Act II of 1911 except designs which though capable of being so registered are not used or intended to be used as models or patterns to be multiplied by any industrial process

INFRINGEMENT OF COPYRIGHT

Copyright in a work is considered to be infringed by any person who without the consent of the owner of the copyright does anything, the sole right to do which is conferred by the Copyright Act on the owner of the copyright Where copyright in any work has been infringed, the owner is entitled to all remedies by way of injunction, damages and accounts Every suit or other civil proceeding regarding infringement of copyright must be instituted and tried in the High Court or the Court of the District Judge An action in respect of infringement of copyright cannot be commenced after the expiration of 3 years next after the infringement No Court inferior to that of a Presidency Magistrate or a Magistrate of the First Class can try any offence against the Copyright Act It is not an infringement of copyright to publish a report in a newspaper of an address of a political nature delivered at a public meeting

In the case of a work of joint authorship (which means a work produced by the collaboration of two or more authors in which the contribution of one author is not distinct from the contribution of the other author or authors), copyright subsists during the life of the author who first dies and for a term of fifty years after his death, or during the life of the author who dies last, whichever period is the longer

Where a married woman and her husband are joint authors of a work the interest of such married woman therein shall be her separate property

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PROVING OF WILLS

IN India if a person has been appointed executor of the Will of a deceased person, it is always advisable to prove the Will as early as possible If the Will is in an Indian language it has to be officially translated into English A petition is then prepared praying for the grant of probate of the Will All the property left by the deceased has to be disclosed in a schedule to be annexed to the petition Values must be shown as at the date of the Petition and Probate Fees will be calculated on such value The Values of immoveable properties are usually assessed at 16⅔ years' purchase on the nett Municipal assessment, in the absence of a report from a competent architect Unless otherwise prayed for, grant of probate is limited to the State in which it is granted In all cases in which it is sought to obtain a grant of probate to have effect throughout India, such grant must be expressly asked for

Probate Duty in Bombay—Up to Rs 1,000—Nil

For the next Rs 9,000 (*i e* upto Rs 10,000), 2 per cent, for the next Rs 40 000 (*i e* upto Rs 50,000) 3 per cent, for the next Rs 50,000 (*i e* upto Rs 1,00,000) 4 per cent, for the next Rs 1,00,000 (*i e* upto Rs 2,00,000) 4½ per cent, for the next Rs 50,000 (*i e* upto Rs 2,50 000) 5 per cent, for the next Rs 50,000 (*i e* upto Rs 3,00,000) 5½ per cent, for the next Rs 1,00,000 (*i e* upto Rs 4,00,000) 6 per cent, for the next Rs 1,00,000 (*i e* upto Rs 5 00 000) 6½ per cent, for amounts exceeding Rs 5 00,000 (on the portion over Rs 5,00,000) 7 per cent In addition to this Probate Duty there is, at present, a surcharge of 25 per cent introduced by the Bombay Increase of Court Fees Act No XV of 1943

Exemptions from Probate Duty.—In determining the amount of the value of the estate for the purposes of probate duty the following items are allowed to be deducted

1 Debts left by the deceased including mortgage encumbrances

2 The amount of funeral expenses

3 Property held by the deceased in trust and not beneficially or with general power to confer a beneficial interest

In addition, there is general exemption for service personnel killed in action or dying on service in certain circumstances

No probate duty is payable in India on the value of the estate left by the deceased outside India

Procedure—The particulars of the property of the deceased and the particulars of all items allowed by law to be deducted have to be shown in separate schedules It is the practice of the High Court to send a copy of these schedules to the Revenue Authorities and if the properties, particularly immoveable properties, have not been properly valued, the High Court issues a notice to the petitioner requiring him to amend the schedule of property accordingly In certain cases the Court requires citations to be published and served on such persons as the Court thinks are interested in the question of the grant of probate If no objection is lodged by any person so interested within the time mentioned in the citation to the effect that nothing should be done in the matter of the petition for probate without notice to the person 'objecting' or to use technical language the 'caveator', and if the Will is shown to have been properly executed, probate is ordered to be granted If an objection or caveat is filed, the petition for probate is converted into a suit in which the petitioner is plaintiff and the caveator is the defendant

As probate, however, cannot be granted merely because the parties consent, the Will has to be proved It is against public policy to enter into an agreement or compromise as to the genuineness or execution of the Will if the effect of such an agreement or compromise is to exclude evidence in proof of the Will

EFFECT OF PROBATE

Probate has effect over all the property and estate moveable or immoveable of the deceased *throughout the State in which the same is* granted and is conclusive as to the representative title of the person to whom the probate is granted against all debtors of the deceased and all persons holding property which belongs to the deceased and will afford full indemnity to all debtors paying their debts and all persons delivering up such property to the person to whom such probate is granted Probate can only be granted to an executor appointed by the Will and the appointment may be express or by necessary implication Probate cannot be granted to any person who is a minor or is of unsound mind nor to any association of individuals, unless it is a company, which satisfies the conditions prescribed by rules made by the President in Council in that behalf Where several executors are appointed probate may be granted to them simultaneously or at different times If a codicil is discovered after the grant of probate a separate probate of that codicil may be granted to the executor if it in no way repeals the appointment of executors made by the Will If different executors are appointed by the codicil, probate of the Will will be revoked and a new probate granted of the Will and codicil together When probate has been granted to several executors and one of them dies, the entire representation of the testator accrues to the surviving executor or executors Probate of a Will when granted establishes the Will from the death of the testator and renders valid all intermediate acts of the executor as such When a person appointed an executor has not renounced the executorship, letters of administration will not be granted to any other person until a citation has been issued calling upon the executor to accept or renounce the executorship, but when one or more of several executors have proved the Will, the Court may, on the death of the survivor of those who have proved, grant letters of administration without citing those who have not proved The renunciation may be made orally in the presence of the Judge or by a writing signed by the person renouncing and when made will preclude him from ever thereafter applying for probate of the Will appointing him executor If an executor renounces or fails to accept an executorship within the time limited for the acceptance or refusal thereof, the Will may be proved and letters of administration with a copy of the Will annexed may be granted to the person who would be entitled to administration in case of intestacy No person, who renounces probate of a Will, can, without the leave of the judge take out representation to the deceased in another character

Probate is necessary in case of Wills of Europeans, East Indians, Armenians, Jews, Parsis and Indian Christians and also in case of Wills of Hindus, Buddhists, Sikhs or Jains, made on or after 1st September 1870 within the territories which at the said date were subject to the undivided Provincial Government of Bengal, or within the local limits of the ordinary original civil jurisdiction of the High Courts of Judicature at Madras and Bombay, or to all such Wills made outside the above specified territories or limits so far as they relate to immoveable property situate within those territories or limits

Probate is not necessary, in case of Wills of Hindus, Buddhists, Sikhs or Jains not falling in classes specified above or of Wills of Muslim and Khojas

Articles of Association of most of the joint stock companies contain an article to the effect that the Executor or Administrator of a deceased member who has obtained Probate or Letters of Administration as the case may be or the holder of the Succession Certificate shall be the only person recognised by the Company as having any title to his share In such cases, the Company validly insists on the production of such legal representation before transfer of the shares of a deceased member whether he is a European, Hindu, Muslim, Parsi or otherwise

Residuary Legatee.—When no executor has been appointed by a deceased in his Will or when the deceased has appointed an executor who is legally incapable or refuses to act or who has died before the testator or before he has proved the Will or when an executor dies after having proved the Will but before he has administered all the estate of the deceased, a universal or a residuary legatee may be admitted to prove the Will and Letters of Administration with the Will annexed may be granted to him of the whole estate or so much of it as may be unadministered

After any grant of Probate or Letters of Administration with Will annexed, no other than the person to whom the same may have been granted has the power to sue or prosecute any suit or otherwise act as representative of the deceased until such Probate or Letters of Administration has or have been recalled or revoked

Small Estates—In cases where the value of the estate is Rs 2,000 or less, an Administrator General's Certificate can be obtained The procedure for obtaining this Certificate is simpler and less expensive A fee of 3 per cent on the value of the estate is payable The value of the estate has, however, to be taken as at the date of the death of the deceased These Certificates are equivalent to Letters of Administration

PROBATE OF FOREIGN WILLS

When a Will has been proved and deposited in a court of competent jurisdiction situated beyond the limits of the State, whether within or beyond the limits of India, and a properly authenticated copy of the Will is produced, letters of administration may be granted with a copy of such Will annexed, upon a proper application for the purpose being made to the appropriate court within whose jurisdiction such property is situate It is not the function of the court in India to require evidence of the validity of the Will, if it is recognised as valid by the court of domicile of the testator

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WEIGHTS AND MEASURES

THE maund is the denomination of weight common all over India, but we may find that in a given city there are nearly as many maunds as there are articles to weigh The maund varies even from district to district. Thus in Uttar Pradesh a maund of sugar weighs 48½ seers in Kanpur 40 in Muthura, 72½ in Gorakhpur, 40 in Agra, 50 in Moradabad 43½ in Saharanpur, 50 in Bareilly, 46 in Fyzabad, 48½ in Shahjahanpur, 51 in Goshangunge

Thus the maund varies throughout India from the Bengal or railway maund of 82 2/7 lb to the Factory maund of 74 lb 10 oz 11 drs, and the Madras maund, which some authorities estimate at 25 lb and others at 24 lb

As there are variations in the weights and measures from one place to another there is much confusion and sometimes heavy individual loss And Municipal and commercial bodies are continually returning to the problem with a view to devising a practical scheme of reform The Union and State Governments have made various attempts during the past to solve the problem of common units of weights and measures Commercial and trade interests have also agitated about the question for a long time

The Indian Railways and Government departments adopted a standard tola (180 grains), seer (80 tolas) and maund (40 seers) and it was hoped that this would act as a successful lead which would gradually be followed by the whole trade throughout the country, but the expectation has not been realised

In the Government of India Act of 1935, though 'standards of weights' is a central subject, weights and measures' is in the Provincial List Accordingly the Government of India had to request the Provincial Governments to undertake legislations for enforcement, following the lead given in the Act IX of 1939

In the present constitution this ambiguity has been set right by including '*establishment of standards of weights and measures*' in the Union List of subjects and '*weights and measures except establishment of Standards* in the States List

STANDARDS OF WEIGHTS ACT, 1939

By 1939 opinion in favour of legislation by the Government of India for the standardisation of weights crystallised to the extent that the Indian Legislature passed the Standards of Weight Act (Act No IX of 1939) applicable to the whole of the area known as British India The Act received the assent of the Governor General of India and was published in Part IV of the *Gazette of India* of the 1st April, 1939

The Act laid down the following standard weights —

(*a*) the standard tola, being a weight of 180 standard grains,

(*b*) the standard seer, being a weight of 80 standard tolas or 14,400 standard grains,

(*c*) the standard maund, being a weight of 40 standard seers,

(*d*) the standard pound, being a weight of 7,000 standard grains,

(*e*) the standard ounce, being one-sixteenth part of the weight of a standard pound,

(*f*) the standard hundred weight, being a weight of 112 standard pounds,

(*g*) the standard ton, being a weight of 2,240 standard pounds

Under sub Section (2) of Section 4 of the Act, the Union Government undertook to supply to each State Government a complete set of duly authenticated standard weights

The position of the provincial legislation, as it stands now is as follows

ASSAM	No Act on weights and measures
BIHAR	Weights Act, 1947 (Act XVII of 1947)
BOMBAY	Weights and Measures Act, 1932 (Act XV of 1932)
M P	Weights and Measures Act, 1928 (Act II of 1928)
MADRAS	Weights and Measures Act, 1948 (Act XXII of 1948)
ORISSA	Weights and Measures Act, 1943 (Act VII of 1943)
PUNJAB	Weights and Measures Act, 1941 (Act XII of 1941)
U P	Weights and Measures Act, 1947 (Act XXIII of 1947)
WEST BENGAL	No Act on weights and measures.

The various provincial legislations generally conform to the Central Legislation with a few exceptions The unit for the measure of length is *usually the yard, defined as the length of the standard yard maintained by the Mint Master at Bombay* For longer measures, the furlong *(220 yards) and the mile (1,760 yards)* are provided for measures of area and volume, square and cube of the standards of length, acre (4,840 sq yd) being additionally allowed for area Local units for dry and wet measures of capacity, which vary from province to province, are also allowed in the provincial Acts, but they are usually made integral multiples or submultiples of the basic units

METRIC SYSTEM

By the time the Government of India passed the Act of 1939, unofficial opinion in the country grew more inclined to the adoption of the metric system on an all India basis In 1940 the Manufacturing Sub committee of the National Planning Committee, in their interim report, made the following recommendation

'Standardisation of weights and measures on All India basis should be carried out at an early date so that a uniform system of weights and measures is applicable to the whole country If other conditions permit, the metric system should be adopted for this purpose"

The Indian Science Congress Association at its Bangalore session in 1946 passed a resolution strongly advocating the decimalization of currency and weights and measures, simultaneously if possible The matter was further considered at a meeting of the Executive Committee of the Indian Science Congress Association held in March, 1946 and presided over by Mr Jawaharlal Nehru, and the following resolution was passed unanimously

"Resolved that the Science Congress notes with satisfaction that a Bill for the decimalization of Indian Currency has been introduced in the Legislative Assembly The Science Congress is, however, of opinion that decimalization of currency alone is not enough, and considers the decimalization of weights and measures on the basis of the metric system to be equally urgent"

By a resolution of February 1947, the Government of India requested the provincial Governments to take up the question of adopting the metric system of weights and measures

Meanwhile in 1946 the Government of India by a resolution dated 3rd September, had decided to establish the Indian Standards Institution, with the stated object, *inter alia*,

"to consider and recommend to Government of India, national standards for the measurement of length, weight, volume and energy'

The Indian Standards Institution, inaugurated in February 1947, immediately undertook to make a study of the weights and measures, and a special Committee was soon appointed

This special committee found a solution in the adoption of the metric system

Based on a country wide concensus of opinion of scientists, technologists, industrialists and Government departments, the Committee's recommendation for the adoption of the metric system envisages a change-over in three stages extended over a period of about 15 years

A preparatory stage of three to five years for intensive dissemination of information on the new system, would be followed by a change over stage of about the same period and a final stage for over all transition

After that period, the only system accorded legal recognition would be the metric system

For the implementation of the Committee's recommendation, the report stresses the need for early Central legislation for the recognition of the metric system and the creation of an agency to co ordinate all related measures for the change over

The introduction of decimalised currency is also recommended in the early stage of the change over

In regard to the nomenclature of the new system, the report records the view that the international nomenclature should be used, unless Parliament decides to have an Indianised system In the latter contingency, however, it has been advised to avoid the use of the existing names, such as seer and guz for kilogramme and metre

(Copies of this Report could be had from the Secretary (Administration), Indian Standards Institution, 19, University Road, Civil Lines, Delhi)

PRESENT SYSTEM

The various systems of weights used in India combine uniformity of scales with immense variations in the weights of units The scales used generally throughout northern India, less commonly in Madras and standardized in Bombay under the Bombay Weights and Measures Act, 1932, may be thus expressed as one maund = 40 seers, one seer = 80 tolas

The actual weight of a seer varies greatly from district to district and even from village to village except in Bombay State In the standard system the tola is of 180 grains, and the seer thus weighs 2 057 lb and the maund 82 28 lb This standard is also used in official reports.

For calculating retail prices, the universal custom is to express them in terms of seers to the rupee. Thus, when prices change what varies is not the amount of money to be paid for the same quantity, but the quantity to be obtained for the same amount of money.

In other words, prices in India are quantity prices, not money prices When the figure of quantity goes up, this of course means that the price has gone down.

The name of the unit for square measurement in India generally is the *bigha*, which varies greatly in different parts of the country So the areas are expressed either in square miles or in acres.

PRESENT POSITION

The position at present is as follows

One tola = 180 grains
, seer = 80 tolas
,, maund = 40 seers

Another system of weights is as follows

16 drams = one ounce (oz)
16 ounces = ,, pound (lb)
14 pounds = ,, stone (st)
28 pounds = ,, quarter (qr)
4 quarters = ,, hundred weight (cwt)
20 cwt = ,, ton

The ones shown above are used in Government and other big transactions

Elsewhere the weights vary from place to place The maund is of two kinds the bazaar maund and the factory maund The relation between the two is 100 bazaar maunds = 110 factory maunds

The tola is the unit and all other weights are derived from it

4 sikis or quarter = one tola
5 tolas = ,, chhatak
2 chhataks = ,, atapaw
2 atapaws = ,, paw
2 paws = ,, adaseer
2 adseers = ,, seer
5 seers = ,, panseri
40 seers = ,, maund

The weights for gold and silver are as follows

4 grains = one pennyweight (dwt)
20 dwt = ,, ounce (oz)

The following are the weights used by the jeweller

4 dhans = one rati
4 ratis = ,, anna
8 ratis = ,, masha
12 mashas = ,, tola

The following are the apothecaries' weights

20 grains = one scruple (scr)
3 scruples = ,, drachm (dr)
8 drachms = ,, ounce (oz)

The following are the lineal measures

12 inches = one foot (ft)
3 feet = , yard (yd)
2 yards = ,, fathom (f)
5½ yards = ,, pole
220 yards = ,, furlong (fur)
8 furlongs = ,, mile

The following are the heaped measures

8 gallons = one bushel
3 bushels = ,, sack
12 sacks = ,, chaldron

The following are the imperial dry measures

2 glasses = one noggin
4 noggins = ,, pint
2 pints = one quart
4 quarts = ,, gallon
2 gallons = ,, peck
4 pecks = ,, bushel
8 bushels = ,, quarter

The following are the house hold table measures

One dessert spoonful = 2 teaspoonfuls
, table spoonful = 2 dessert spoonfuls
,, wine glassful = 2 teaspoonfuls

The following are the Bombay bazaar measures

36 tanks = one tipari
2 tiparis = ,, seer
4 seers = ,, payli
16 paylis = ,, phara
8 pharas = ,, khandi
25 pharas = ,, muda

The following are the Bombay cloth measures

2 angulis = one tasu
24 tasus = ,, gaz

The following are the Bombay measures of land surface

39¼ sq cubits = one kathi
30 kathis = ,, pand
20 pands = bigha
6 bighas = ,, rukeh
20 rukehs = ,, chahur

*

THE CURRENCY SYSTEM

The two tables give the details of the course of money supply with the public and the factors contributing to it

(Rs in crores)

	Year ended March 31		
	1950-51	1951-52	1952-53
Currency with the Public (a)			
1 Note Circulation (b)	1,204 24	1 097 94	1,089 95
2 Circulation of rupee coin (c)	138 45	125 45	119 71
3 Notes and coin with Treasuries (d)	4 42	3 70	2 92
4 Cash on hand of scheduled non scheduled (e) and co operative (f) banks	39 13	37 45	37 51
5 Currency with the public (excluding small coin) (1 + 2 − 3 − 4)	1,299 14	1,182 24	1,169 23
6 Variation in currency with the public (g)	+ 83 60	— 110 80	— 11 33
Deposit Money			
7 Demand liabilities (excluding inter bank demand deposit (e) of scheduled non-scheduled (e) and co operative (f) banks	614 06	560 11	549 79
8 Deposits with the Reserve Bank (h) excluding those of Central Government and banks	52 41	44 66	36 36
9 Deposit money with the public (7+8)	666 97	604 77	586 15
10 Variation in Deposit money	+ 17 25	— 61 98	— 25 62
11 MONEY SUPPLY WITH THE PUBLIC (excluding small coin) (5+9)	1,966 11	1,787 01	1,755 38
12 Variation in money Supply with the public (g) (6+10)	+ 100 85	— 172 78	— 36 95

The average for 1953 is as follows (Rs in crores)

Notes in circulation 1 122 , Bank deposits 853 , Cheque clearances from Jan to Nov are 552, 523, 615, 586, 543, 535, 572, 485, 526, 449, 477

(a) Money supply with the public-figures does not take account of the inward or outward movement of currency and excludes small coin (b) Figures from March 1950 are net of the return of about Rs 43 crores from Pakistan awaiting adjustment (c) Figures from March 1950 relate to the Indian Union (d) Figures on the last day of the year (e) From April 1952 figures of non scheduled banks incorporated in and confining to Part B States included (f) Cover reporting co-operative banks only (g) Figures from October 1951 are net of adjustments of India notes returned from Aden (h) Excluding balance held on I M F Account No I (i) Including inter-bank demand deposits of scheduled and co-operative banks upto March 1948 and those of non-scheduled banks upto March 1951

SEASONAL VARIATION IN MONEY SUPPLY WITH THE PUBLIC

(Rs in crores)

	Currency with the public	Deposit money with the public	Money supply with the public
October 29, 1949 to May 12, 1950	+ 130 03	— 29 98	+ 100 05
May 13, 1950 to September 29, 1950	— 102 32	+ 16 78	— 85 54
September 30, 1950 to May 11, 1951	+ 207 09	+ 28 68	+ 235 77
May 12, 1951 to October 26, 1951	— 181 03	— 30 76	— 211 79
October 27, 1951 to April 11, 1952	+ 45 39	— 36 99	+ 8 40
April 12, 1952 to October 24, 1952	— 97 95	— 13 41	— 111 36
October 25, 1952 to May 8, 1953 (Provisional)	+ 108 89	— 21 72	+ 87 17

CURRENCY CIRCULATION

During 1952-53 the total circulation of all forms of legal tender currency (notes, rupee coin and small coin) recorded a moderate fall of Rs 18 crores, after the sharp fall of Rs 116 crores in 1951 52 The total net contraction in currency circulation in the Indian Union during 1948 49 to 1952 53 amounted to Rs 66 crores

The following table shows the circulation of currency —

(Rs in lakhs)

	At the end of		
	1950-51*	1951-52	1952-53
Circulation—			
Notes	1,204,24	1,097,94	1,089,95
Rupee Coin	138,45	125,45	119,71
Total	1,342,69	1,223,39	1,209,66
Increase (+) or Decrease (—) in circulation—			
Notes	+ 83,89	— 100,21	— 7,99
Rupee Coin	+ 6,84	— 13,00	— 5,74
Small Coin	— 3,20	— 3,05	— 4,09
Total	+ 86,53	— 116,26	— 17,82

(Contd on next page first two columns)

* Figures of notes in circulation have been revised from March 1950 are net of the return of about Rs 43 crores from circulation in Pakistan awaiting adjustment

U.K.-INDIA AGREEMENT

In 1951 an understanding was reached between the two Governments over the broad outlines of a new long term arrangement This was confirmed in February 1952 Under the agreement, the U K Government have agreed to release during the six years ending June 1957 a sum of £35 million a year from these balances They have also agreed to transfer £310 million from Account No 2 to Account No 1, to be held by the Reserve Bank of India as part of the Currency Reserve to be drawn upon only in an emergency Provision has been made for the carry over of undrawn amounts from one year to another and for consultations between the two Governments in case it is found necessary in any year to make a call on a subsequent year's allocation in excess of £5 million At the end of the period it is expected that the balances would have reached the amount normally required as a currency reserve, but if any excess is left, it will be transferred to No 1 Account

The above agreement was modified in July 1953 The more important provisions in the revised agreement are given below —

(1) Any sterling received by the Reserve Bank in respect of current transactions and transferred from the No 2 Account shall be credited to the No 1 Account

(2) The No 2 Account shall be credited with (a) the proceeds at maturity or on realisation of any investment purchased in accordance with established custom with funds standing to the credit of the No 2 Account, (b) transfers from the No 1 Account in respect of matters outstanding under the Defence expenditure plan and any other accounts connected with the war and such other items as may be agreed between the two Governments The No 2 Account shall be debited with appropriate transfers which have not already taken place

(3) The U K Government shall not restrict the availability of sterling standing to the credit of the No 1 Account for payments for current transactions in any currency area or for payments to residents of the scheduled territories On the other hand, the Government of India shall not restrict the acceptance by residents in India in settlement of payments for current transactions, of sterling at the disposal of other scheduled territories and, in accordance with current practice, of sterling at the disposal of residents outside the scheduled territories and the supply of Indian rupees arising from permitted current transactions and accruing to residents of the scheduled territories for any payments inside India or for the purchase of sterling

(4) The Government of India agrees not to draw upon £310 million transferred from the No 2 Account and held by the Reserve Bank as a currency reserve without previous consultation with the Government of the United Kingdom

(5) Beginning on July 1, 1951 the balance to the credit of No 2 Account shall be transferred to the No 1 Account in instalments not exceeding £35 million every year Transfers will be for maintaining a minimum balance on the No 1 Account of £30 million in addition to the amount held as a currency reserve, but any part not transferred during a particular year shall be added to the sums available for transfer in the later periods Without further consultation, the Government of India may anticipate further transfers to the extent of £5 million, but if anticipation to a greater extent is necessary, the two Governments shall consult each other

(6) If the transfers from No 2 Account to No 1 Account appear to be taking place at a significantly higher rate, either Government can ask for fresh discussions between the two Governments.

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Circulation of Notes—During 1952-53 the decline in note circulation amounted to Rs 8 crores as against the record contraction of Rs 100 crores in 1951-52. The 1952-53 busy season from end October 1952 to May 8, 1953 witnessed a substantial expansion of Rs 107 crores. The highest monthly expansion of Rs 38 crores was witnessed in December 1952 in keeping with the usual seasonal pattern. The changes in the denominational pattern are indicated in the following statement:

CIRCULATION OF INDIA NOTES BY DENOMINATIONS

(Rupees in lakhs)

	Year ended December		
	1950	1951	1952
Rs 2	2,515	2,243	2,343
% of total	2·2	2·2	2·1
Rs 5	166 03	157 41	141 20
% of total	14·1	13·6	12·7
Rs 10	483 87	477 42	461 64
% of total	41·1	41·1	41·4
Rs 100	500 98	500 90	487 49
% of total	42·6	43·1	43·8
Notes in Circulation	1,176 03	1,161 16	1,113 76

Rupee Coin—Since November 1, 1943 when the standard silver rupee coin of eleven-twelfths fineness ceased to be legal tender the rupee coin in circulation in India has comprised (1) the Government of India one rupee notes issued from July 1940, (2) the quaternary silver rupees (of one-half fineness) issued between December 1940 and June 1946, and (3) the nickel rupees issued from June 1947.

During 1952-53 rupee coin in circulation declined by Rs 5·7 crores to Rs 120 crores. On April 10, 1952 the Reserve Bank received from the Government of India one rupee notes and coin of the value of Rs 5·5 crores in terms of Section 36 (2) of the Reserve Bank of India Act, against payment of legal tender value.

Small Coin—Since 1949-50 small coin has been continuously returning from circulation. The following are the details of the return:

MOVEMENTS IN CIRCULATION OF SMALL COIN DENOMINATION WISE

ABSORPTION (−) OR RETURN (+)

(Rupees in 000)

	1950-51	1951-52	1952-53
Half rupees *	+ 1 00 54	− 1 06 57	− 1 52 06
Four anna pieces **	− 97 53	− 84 04	− 1 02 46
Two anna pieces †	− 60 09	61 78	− 72,89
One anna pieces	63 54	62 50	− 73 47
Half anna pieces ††	3 78	1 73	− 9 54
Single pice §	7 73	11 28	+ 6 04
Half pice	− 7	+ 6	− 2
Pie pieces	+ 3	1	
Total	− 3 19 79	− 3 05 32	− 4 09 40

* Since the inauguration of the Reserve Bank in 1935 silver half rupees have been included in statistics relating to small coin, including pure nickel half rupees introduced in May 1946.
** Including pure nickel four anna pieces introduced in May 1946. † Including nickel two anna pieces introduced in 1917-18. †† Nickel half anna pieces introduced in January 1942. § Including single pie pieces with a circular hole issued from February 1943.

STERLING TRANSACTIONS OF THE RESERVE BANKS

The sterling exchange market remained steady throughout the year. The particulars of sterling transactions are given below:—

Year	Purchases		Sales		Net Purchases (+) Sales (−)	
	£ Thousands	Rs Lakhs	£ Thousands	Rs Lakhs	£ Thousands	Rs Lakhs
1950-51	218 049	2 90,73	88,822	1,18,56	+ 129 227	+ 1 72,17
1951-52	263 387	3,51,18	224 386	2,99,45	+ 39 001	+ 51,73
1952-53	141 300	1,88,41	67,318	89 84	+ 73 982	+ 98 57

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Note—Figures exclude Government transactions but include deliveries against forward contracts.

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(7) Any balance remaining on the No. 2 Account on June 30, 1951 shall be transferred to the No. 1 Account.

(8) The net capital movement from India to other scheduled territories will be determined at agreed intervals and the amount will be transferred from No. 2 Account to No. 1 Account if it is an outgo from India or *vice versa* if it is an inflow.

(9) The two Governments shall not restrict transfers of capital from India to the U.K. representing remittances of savings of persons of the U.K. origin leaving India permanently for the U.K. and the voluntary repatriation of investments by residents in the U.K. for purposes of the U.K. exchange control.

Hyderabad.—With the accession of the Hyderabad State to the Indian Union India notes and coin were made legal tender in the Hyderabad State as from January 26, 1950 and arrangements were made for the conversion of the Hali Sicca into India notes and coin at the rate of Hyderabad Rs 116-10-8 for Indian Rs 100. The Indian Coinage Act 1906 was applied to the State with effect from April 1, 1951 but the legal tender character of the Hyderabad coins was extended until March 31, 1953. In March 1953 the Union Parliament passed the Hyderabad Coinage and Paper Currency Act 1953 which allowed Hyderabad State notes to continue as legal tender for a period not exceeding two years.

EXCHANGE CONTROL

The pattern of exchange control in 1952-53 remained practically the same as in the previous year. In order to stimulate investment of foreign capital in desirable channels further relaxations were made in the exchange restrictions on the repatriation of capital invested from non-sterling area countries after January 1, 1950.

The trends in the balance of payments position for 1951 and 1952 are summarised in the following table:—

	(Crores of Rupees)	
	1951	1952
Imports c.i.f. Values	86·4	746·7*
Exports f.o.b. Values	749·5	612·8
Trade Balance	— 112·9	— 133·9*
Invisibles (Net)	+ 55·5	+ 96·6*
CURRENT ACCOUNT (NET)	— 57·4	— 37·3
Errors & Omissions	— 31·1	— 0·1
CAPITAL ACCOUNT (NET)	— 88·5	— 37·4
NET TERMS OF TRADE	123	94

* These figures include Rs 4·4 crores of the U.S. foreign aid.

The table on next page shows the extent of compensatory official financing required to cover not only the current account deficit but also movements of private capital, special official financing, etc.

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FINANCING OF INTERNATIONAL TRANSACTIONS

(Rupees in crores)

	1951	1952
Goods and Services		
Exports f o b	749 5	612 8
Imports c i f	862 4	746 7
Trade Balance	—112 9	—133 9
Non monetary gold		
Investment Income	— 24 1	— 10 4
Government not included elsewhere	+ 5 0	+ 10 2
Other Services	+ 59 7	+ 67 4
Total	+ 72 3	— 66 7
Private Donations and Capital Movements		
Donations	+ 13 4	+ 16 8
Long term Capital	— 3 4	— 8 9
Short term Capital	+ 2 7	+ 0 8
Total	+ 12 7	+ 8 7
Special Official Financing		
Amortization and other Contractual Repayments	— 2 8	— 3 7
IBRD Loans	+ 4 9	+ 2 7
Aid from Australia, New Zealand and Canada under Colombo Plan	+ 1 4	+ 7 6
Aid under Indo U S T C A and from the Ford Foundation		+ 4 9
Total	+ 3 5	+ 11 5
Extra ordinary Transactions		
Sterling paid in settlement of demonetised India notes repatriated from Aden	+ 2 9	+ 3 2
Reduction in Liabilities to Aden	— 2 9	— 3 2
Total		
Errors and Omissions	— 31 1	— 0 1
Surplus (+) or Deficit (—)	— 87 3	— 46 4
Compensatory Official Financing		
Barter Deals	+ 0 7	
U S Food Loan	+ 38 0	+ 52 5
Transfers of Indian Currency	— 19 3	— 29 1
Foreign official Holdings of Rupee Securities	— 1 5	
Short term Liabilities	+ 23 1	— 37 4
Foreign Exchange Assets	+ 46 3	+ 60 4
Total	+ 87 3	+ 46 4

REGION-WISE BALANCE OF PAYMENTS—CURRENT ACCOUNT

(Rupees in crores)

	1951	1952
Sterling Area (Excluding Pakistan)		
Imports, c i f	301 1	276 4
Exports, f o b	368 3	270 2
Trade Balance	+ 67 2	— 6 2
Official Donations (Net)	+ 1 4	+ 2 8
Other Invisibles (Net)	+ 60 1	+ 66 2
Current Account (Net)	+128 7	+ 62 8
Pakistan		
Imports, c i f	79 3	27 2
Exports, f o b	26 2	50 6
Trade Balance	— 53 1	+ 23 4
Official Donations (Net)		
Other Invisibles (Net)	+ 6 5	+ 9 1
Current Account (Net)	— 46 6	+ 32 5
Dollar Area		
Imports, c i f	247 5	280 2
Exports, f o b	183 2	148 2
Trade Balance	— 64 3	—132 0
Official Donations (Net)		+ 9 7
Other Invisibles (Net)	+ 2 5	+ 7 6
Current Account (Net)	— 61 8	—114 7
OEEC Countries		
Imports, c i f	108 9	86 8
Exports, f o b	85 0	63 1
Trade Balance	— 23 9	— 23 7
Official Donations (Net)		
Other Invisibles (Net)	— 1 9	— 1 8
Current Account (Net)	— 25 8	— 25 5
Rest of Non Sterling Area		
Imports c i f	125 7	76 2
Exports f o b	86 9	80 7
Trade Balance	— 38 8	+ 4 5
Official Donations (Net)		
Other Invisibles (Net)	— 13 0	+ 3 1
Current Account (Net)	— 51 8	+ 7 6

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INDIA'S FOREIGN LIABILITIES & ASSETS*

The Reserve Bank of India framed, after a comprehensive inquiry, a kind of international balance sheet of the foreign liabilities and assets of India as on June 30, 1948 The main features are given below —

India appeared to be a creditor by over Rs 1,300 crores, but the net adjusted surplus is Rs 664 crores taking into account the inter-governmental debt owed by Pakistan (Rs 300 crores) and Burma (Rs 53 crores) In assessing the significance of this figure, the need for maintaining a certain minimum amount of sterling assets as currency reserve must be taken into account There are further considerations that the income account indicates a debtor position and that there has been a substantial reduction in the foreign assets since the date of the census

India's foreign liabilities in the official sector amounted to Rs 648 crores of which Rs 426 crores were long term, *i e*, maturing beyond June 1949 and Rs 222 crores short term The liabilities of the non-official sector were composed of Rs 144 crores by way of portfolio obligations and Rs 254 crores as direct obligations The total number of companies, shares of which were owned abroad and for which information was made available was about 2,300 There were 210 companies with a total invested capital of Rs 44 crores the value of the shares of the controlling interests amounting to about Rs 28 crores and forming 68 per cent of the total Out of this the United Kingdom accounted for Rs 21 87 crores The next group consisted of 150 companies with total capital resources of Rs 47 crores of which about 90 per cent was owned by foreign organisations Here again, the United Kingdom accounted for 69 7 per cent 334 companies claimed direct investments; but the managing agents owned Rs 13 crores or 14 6 per cent of the total capital

Thus of the total value of ordinary shares of all the Indian joint stock companies amounting to Rs 156 crores, the value of the foreign-held portion of the capital conferring control worked out to Rs 85 crores or 54 per cent composed of manufacturing groups (Rs 22 96 crores), trading (Rs 19 39 crores) and miscellaneous (Rs 17 47 crores) and financial Rs 13 86 crores

Of the total foreign business investments in India amounting to Rs 320 42 crores, Britain's share was Rs 230 crores or 72 per cent Tea plantations Rs 52 crores or 80 per cent direct foreign resources in companies trading in mineral oils and engaged in the distribution of electricity stood at Rs 22 57 crores and Rs 19 35 crores respectively In jute and cotton manufacturing companies, there was a total foreign investment of Rs 15 74 crores and Rs 11 70 crores respectively

The broad picture of India's investments abroad is —

	Rs	
Deposits abroad owned by residents in India	65 98	crores
Unexpired letters of credit	15 16	,,
Inter branch and inter-company balances	22 47	,,
Loans due from outside	15 79	,,
Insurance claims abroad	2 48	,,
Land and estate abroad	48 12	,,
Buildings	17 64	,,
Factories and Mines	12 39	,,
Residual Items	618 24	,,
Foreign Government securities (includes sterling balances)	1,570 45	,,
Proprietary interest	3 69	,,
Shares and Debentures	26 17	,,
Total	2,418 58	,,

The main events in the field of international finance during 1952 53 were (1) a cut of $1 3 billion in the U S foreign aid, the allocation for this year being $6 0 billion, (2) increased lending by the Export Import Bank and the World Bank and (3) a further extension of activities under the Colombo Plan in spite of a lower scale of financial assistance

* For tables see article 'Foreign Investments in India

GOLD RESERVES OF CENTRAL BANKS

(Million of fine ounces)

Average of months	United States	United Kingdom	Canada	France	Switzerland	South Africa	Belgium	Netherlands	Sweden	India
1948–49	—	—	11	16	39	8	18	5	2	7
1949–50	702	48	13	15	42	4	20	5	2	7
1950–51	668	87	10	15	43	5	18	7	2	7
1951–52	641	71	21	16	41	6	18	9	4	7
1952–53	666	52	25	16	40	5	20	12	6	7

STERLING AREA'S GOLD AND DOLLAR RESERVES

(Million $)

End of	Net Deficit/ Surplus	Financed By				Changes in reserve	Reserves at the end of quarter
		U S and Canadian credits	Purchase from I M F	S African Gold Loan	U S Aid		
1946	— 908	1123				+ 220	2,696
1947	—4131	3273	240			— 618	2,079
1948	—1710	352	128	325	682	— 223	1 856
1949	—1532	116	52		1196	— 168	1 688
1950	+ 805	45			762	+1612	3 300
1951	—1164				199	— 965	2 335
1952	- 917*				428	- 489	1 846*
1953 June	+ 354				167	+ 521	2 367
1953 July	+ 53				36	+ 89	2 456

* After taking into account the payment of $181 million on December 31 for the service of U S and Canadian lines of credit, the U S lend lease loan and the E R P Loan

WORLD BANK

The International Bank for Reconstruction and Development was set up in 1944 by 44 nations in order to encourage capital investment on a world scale At present 54 countries are members

Besides $497 million of reconstruction loans made in 1947 to France, the Netherlands, Denmark and Luxembourg the loans made by the Bank by the end of 1952 totalled $1 000 million The general reconstruction loans made in 1947 carried interest at 4½ per cent The rate on long term loans in 1948 was 4⅛ per cent The most recent long term loans have been at 4¼ per cent

The following are the details of the Bank's loans to India —

Purpose	Maturity	Interest	Sanctioned Amount	Actually Borrowed	Effective Balance on June 30 1953
Railway rehabilitation	1950–64	4%	$ 34 m	$ 32 8 m	$ 24 1 m
Agricultural Development	1952–56	3⅛%	$ 10 m	$ 5 3 m	$ 3 3 m
Power Development	1955–70	4%	$ 18 5 m	$ 13 7 m	$ 18 5 m
,, , etc	1956 77	4¼%	$ 19 5 m		
Iron and Steel Development (Indian Iron)	1959–67	4½%	$ 31 5 m		

COINAGE

The following table gives a description of the coins in circulation at the end of March 1953

Denomination	Gross weight (Grains)	Composition (Proportion of Metals)
Standard Silver Quarter Rupee	45	Silver 916 6 per mille and the rest base metal
,, ,, One eighth Rupee	22 5	,,
Quaternary Alloy Rupee	180	Silver 50 per cent and the rest base metal
Half Rupee	90	,, ,, ,,
Quarter Rupee	45	,,
Pure Nickel Rupee	180	Nickel 100 per cent
Half Rupee	90	,, ,,
Quarter Rupee	45	,,
Cupro Nickel Four anna	105	75 per cent copper and 25 per cent nickel
Two anna	90	,, ,,
Two anna (George V)	90	,,
One anna	60	
Half anna	45	
Nickel Brass Two anna	90	79 per cent copper, 1 per cent nickel and 20 per cent zinc
One anna	60	,, ,, ,,
Half anna	45	,, ,,
Copper Single Pice	100	100 per cent copper
Half Pice	50	,, ,,
Pie Pieces	33 3	,,
Bronze Single Pice	75	97 per cent copper, 2½ per cent zinc and ½ per cent tin
,, ,,	30	,,
	60	
,,	45	
,, Half Pice	37 5	,, ,,
Pie Pieces	25	,, ,, ,,

The details of whole rupee coins issued since 1835 are given below

William IV Standard		16,39,78,572
Victoria Standard		352,13,80,138
Edward VII ,,		98,28,53,552
George V ,,		180,74,83 517
George VI ,,		98 02,178
George VI Quaternary		106,74,92,173
George VI Nickel		21,42 01,000
Asok Pillar ,,		1,39,00,000
	1951	49 28 000
	1951 52	Nil
	1952 53	Nil

DECIMALISATION

With a view to simplifying accounting and facilitating calculations the Government of India had under consideration the introduction of a decimal system of coinage in India The occasion calling for a huge recoinage programme necessitated by the unpopularity of the nickel brass coin introduced in 1942 as a wartime measure was considered to be most opportune for the proposed reform The proposals under this system were that the rupee would remain unaltered and the half rupee and the quarter rupee while retaining their present shape, size and weight would be issued as 50 cents and 25 cents coins The existing lower denominations of small coin would, however, be discarded and, instead cupro-nickel coins of 10 cents, 5 cents and 2 cents and bronze coins of 1 cent and if necessary ½ cent would be issued A bill incorporating the above changes was introduced in the Central Legislative Assembly on the 18th February 1946 and circularised to elicit public opinion The matter was however, allowed to rest due to the great changes which followed in August 1947

*

BANKING

MODERN banking in India owes its origin to the British agency houses operating in Bombay and Calcutta in the eighteenth century. Then followed the Presidency banks in the latter half of the nineteenth century as a result of their amalgamation the Imperial Bank of India was brought into being in 1921 by a special Act. The next stage was marked by the establishment of the Reserve Bank of India on April 1 1935. Fourteen years later on January 1 1949 the Reserve Bank was nationalised and its functions are being broadened gradually from the role of a lender in the last resort it has assumed the responsibility of being the purveyor of credit and is charged with the responsibility of developing the banking system on sound lines.

At the base of the banking system is the Reserve Bank with Imperial Bank as its agent. The edifice is made up of Indian joint stock banks other than the Imperial Bank foreign banks and co-operative banks.

The Banking Companies Act was enacted in 1949 with the object of improving the efficiency and the tone of the banking system. The main provisions relate to licensing of branches, requirements of minimum capital and reserves and maintenance of cash reserves. The Act authorises the Reserve Bank to make periodical inspections of banks. During 1952 the Banking Companies Rules were extended to more States and now apply to the entire country.

CONSOLIDATED POSITION OF BANKS IN INDIA

(In lakhs of rupees)

	Year	No. of Banks	Paid up Capital	Reserves	Deposits					Cash		Investments		Loans and Advances	Bills Discounted and Purchased	Net Profit	No. of Offices
					Fixed	Savings	Current	Others	Total	In Hand	At Banks	Government Securities	Others				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Scheduled Banks	1950	91	35 88	26 65	212 00	142 66	510 15	63 42	928 23	49 75	88,72	364 51	46,60	440 40	65,04	7,43	2,765
	1951	92	34 44	27 33	221 61	144 07	496 38	56 07	918 13	46,81	93 33	299,15	49,58	545,14	73,78	9,08	2,646
	1952	91	33 71	26 65	243 37	143 86	442 96	61 78	891,97	39,57	85 74	319,10	49,30	474 01	60,77	7,26	2,646
Non Scheduled Banks	1950	514	10 26	3 91	36 66	13 15	20 57	3 29	73 67	6 88	4 68	24,44	4 40	45 77	1,87	68	1,545
	1951	474	9 39	3 98	35 80	12 74	17,96	3 19	69 99	7 71	3 55	22 79	3 83	45 79	1,69	63	1 469
	1952	443	9 04	4 25	33 36	12 29	16,84	3 23	64 72	6 35	3 90	21 10	3,81	42 87	1,69	48	1 321
Scheduled and Non Scheduled Banks	1950	605	46 11	30 56	248 66	155 81	530 72	66 71	1,001 90	56 53	93 40	388 95	51 00	486 17	66 91	8 11	4,310
	1951	565	43 83	31 31	257 41	156 81	514 34	59 56	988 12	54 52	96 88	321 94	53 41	590 93	75 47	9 71	4,115
	1952	534	43 35	30 90	276 73	156 15	458 80	65,01	956,69	45 92	89 64	340,20	53 11	516,88	12,46	7,74	3,967

LIABILITIES AND ASSETS OF JOINT STOCK BANKS AT THE END OF 1952

The following table gives the position of joint stock banks including the Imperial Bank at the end of 1952 —

(In lakhs of rupees)

	1948	1949	1950	1951	1952
Number of Banks	639	620	605	565	534
Paid up Capital	46 16	46 41	46 11	43 83	43 35
Reserves	29 29	30 22	30 56	31 31	30 90
Deposits	1 118 23	997 47	1 001 90	988 12	956 69
Cash in Hand	74 47	71 00	56 53	54 52	45 92
Cash at Banks	115 67	119 75	93 40	96,88	89 64
Investments—					
Government Securities	414 76	375 72	388 95	321 94	340 20
Others	50 21	45 42	51 00	53 41	53 11
Loans and Advances	492 05	468 59	486 17	590 93	516 88
Bills Discounted and Purchased	51,73	49 24	66 91	75 47	62 46
Net Profit	6 65	8 37	8 11	9 71	7 74
Per Cent of Capital and Reserves to Deposits	7 94	9 22	9 27	9 19	9 52
Per Cent of Cash in Hand and Banks to Deposits	17 00	22 76	14 96	15 32	14 17
Per Cent of Investments to Deposits	48 90	45 85	43 91	37 99	41 11
Per Cent of Bank Credit to Deposits	48 63	55 54	55 20	67 44	60 56
Number of Offices—					
Total	4 674	4 441	4,310	4,115	3,967
Outside India	272	178	147	126	106

RESERVE BANK

In pursuance of federal financial integration the Reserve Bank entered in 1952 into agreements with three Part B States Madhya Bharat Travancore Cochin and Mysore whereby it became their sole banker.

The Bank advanced to scheduled banks a gross amount of Rs 246 crores in 1952 as against Rs 77 crores in 1951 and Rs 15 crores in 1950. 1 043 loans for general banking purposes totalling Rs 164 23 crores were made at the Bank rate against Government securities while 100 loans amounting to Rs 81 46 crores were made at ½ per cent below the Bank rate under the Bill market scheme.

The following table gives the position of the Reserve Bank over a period of years —

ISSUE DEPARTMENT

(In lakhs of rupees)

Year	Notes held in the Banking Department	Notes in Circulation	Total Notes Issued	Gold Coin and Bullion	Foreign Securities	Rupee Coin	Govt of India Rupee Securities	Internal Bills and other Commercial Paper	% of Gold and Foreign Securities to Note Issue
30th June 1948	30,66	1,320,43*	1 351,09* (51 57)	44,41	1,135,33	43,51†	127 84		87,32
,, ,, 1949	32,69	1,153,75	1 186 44	40 02	685,34	47,36	413 72		61 14
,, ,, 1950	36,61	1,168,53	1,205,14	40,02	638,15	55,30	471 67		56,27
,, ,, 1951	34,84	1,257,48	1 292,32	40,02	678 15	57,62	516 63		55 57
,, ,, 1952	34,40	1,129 48	1 163 88	40 02	583 15	76 08	464 63		53 54

* Includes Rs 51,57 lakhs Pakistan notes

† Rs 3,32 lakhs Pakistan rupee coin

BANKING DEPARTMENT

(In lakhs of rupees)

Year	Paid up Capital and Reserves	Deposits						Bills payable	Other liabilities	Total liabilities and Assets	Cash	Bills purchased and discounted	Balances held abroad	Loans and Advances		Investments	Other Assets
		Central Government	Government of Burma	Other Governments	Banks	Others	Total							To Governments	To others		
1948	10,00	284,30 *a*		25,02 *b*	103,21	47,95	460,47*c*	4,02	12,34	486,83	30,75	1,76	401,34	11*d*	*Nil*	50,86	2,01
1949	10,00	128,39		16 97	67,45	61,29	274,10	3,27	7,50	294,88	32,83	2 85	135,68	10 72	7,32	103,45	2,03
1950	10 00	140 67		15,20	52,41	63,58	271,89	3,81	12,14	297 83	36,74	1 76	189 25	93	10,01	57 05	2,10
1951	10 00	162,79		17 05	58,74	71,43	310,00	2 37	9 82	332 20	34 98	2 09	178 35	7,50	18 71	88 12	2 44
1952	10 00	117,25		3 19	56,67	64,44	241,54	3,31	8,01	262,87	34,56	10,19	98,24	1 58	28,28	86,94	3,08

(*a*) Includes Rs 69 27 lakhs for Pakistan (*b*) Includes Rs 5,66 lakhs for Pakistan (*c*) Includes Rs 74 92 lakhs for Pakistan
(*d*) Includes Rs 3 lakhs for Pakistan

EXCHANGE BANKS

The banks carrying on exchange business in India are merely branch agencies of banks having their head offices in London on the Continent, in the Far East or the U S A Originally their business was confined almost exclusively to the financing of the external trade of India, but in recent years, most of them, while continuing to play their main role, have also taken an active part in the financing of internal trade Following the increase in the British bank rate to four per cent in March 1952 exchange banks found it more profitable to tap Indian deposits than to get funds from London and over the year, showed an increase of Rs 4 crores in their deposits compared to a fall of Rs 10 *crores* in the *total* deposits of major Indian scheduled banks and of Rs one crore in those of other Indian schedule banks

The *earlier progress of Exchange Banks* has been tabulated in the previous editions The more recent trends are summed up below —

Liabilities and Assets of Foreign Banks in India

(In lakhs of rupees)

Year	No of Banks	Deposits					Cash		Bills Discounted and Purchased	Loans and Advances	Investments		No of Offices	Net Profit
		Fixed	Savings	Current	Others	Total	In Hand	At Banks			Govt Securities	Others		
1948	20	28,15	10 61	123 70	4,92	167,38	4,83	13 07	10 38	105 29			78	
1949	21	30 52	10 53	120,62	4,53	166,20	2,34	17 17	16,49	105,66	49,18	1,15	80	2,24
1950	21	33,76	10,82	120 88	9 01	174,47	2,93	16 32	23,01	112,80	48,36	1,29	72	2,08
1951	21	41,22	10,12	112 83	5 93	170 10	2 81	22 05	25 84	148,75	45 20	1,13	71	3,14
1952	17	56,20	10 13	97,41	12 28	176 62	2 57	13,88	19 31	131,04	43 57	1 04	67	1,82

LIABILITIES AND ASSETS OF INDIAN BANKS

The following statements give details about the position of Indian banking —

(In lakhs of rupees)

Year	Deposits		Cash				Bills Discounted and Purchased		Loans and Advances		No of Offices	
			In Hand		At Banks							
	I U	Total	I U	Total	I U	Total	I U	Total	I U	Total	I U	Total
1948	842,91	950 85	53 27	69,65	85,61	102,64	39,14	41,35	351,23	386,76	4,596	4,868
1949	756 34	831,27	46 34	68,66	81,95	102,58	30,80	32,75	338,91	362,92	4,359	4,537
1950	770 90	827 44	50 51	53,70	64,30	77,08	39,92	43,90	342,65	373,37	4,238	4,385
1951	738,63	818,02	47,22	51,71	53,57	74,83	41,09	35,85	411,29	442,18	4,044	4,170
1952	718,24	780,07	40,94	43,35	62,54	75,76	49,63	43,15	358,00	385,84	3,900	4,006

LIABILITIES AND ASSETS OF INDIAN JOINT STOCK BANKS

(In lakhs of rupees)

End of	No of Reporting Banks	Paid-up Capital	Reserves	Deposits					Total Liabilities or Assets	Cash		Bills Discounted and Purchased	Loans and Advances	Investments		Net Profit	No of Offices*
				Fixed	Savings	Current	Others	Total		In Hand	At Banks			Government Securities	Others		
IMPERIAL BANK OF INDIA																	
1948	1	5,63	6,28	41,94	31,44	173,49	33,42	280 29	306 15	19 96	23,72	12 26	85 74	150 82	10 43	1 20	367 (84)
1949	1	5,63	6 30	40,00	30 98	167 82	11 66	250 46	268 64	25 62	41 27	5 69	86 12	96 06	10 79	1 23	377 (36)
1950	1	5,63	6 33	41,46	30 47	145 76	13 69	231,37	244 99	7,17	21 01	7,51	94 44	107 15	14 40	1 25	382 (36)
1951	1	5,63	6,35	37,40	29,90	153,00	10,61	23 91	242 89	6 71	22 86	63 93	16 23	8 81	133 66	1 30	393 (30)
1952	1	5,63	6,35	35,82	28,74	129,38	11,91	205,85	217,83	3,55	21,90	80,54	16 61	6,05	107,12	1,33	410 (12)
OTHER INDIAN SCHEDULED BANKS																	
1948	78	31,30	19,48	148,52	105,47	299,90	41,02	594,91	730,21	42,03	73 30	26,40	251,10	245 37	34,27	4,87	2,522(142)
1949	77	31,06	20,05	134,02	100,50	240 70	33,88	509,10	635,83	35,94	56 55	24 79	226 09	212 89	28,97	4,32	2,399(108)
1950	75	30,38	20,04	137,32	101,52	243 83	40 31	522 99	673,23	39,68	51,51	34 52	233 16	209 07	30 89	4,11	2 331 (89)
1951	75	28,82	20,98	143,13	104,08	230 58	39 55	517,34	567 14	37,30	48 44	185,06	52 21	39,13	262 79	4 64	2,188 (81)
1952	75	28,08	20,30	151,35	104,39	216,18	37,60	509,52	558,00	33,45	49,97	195,23	31,65	35,41	235,88	4,10	2,171 (81)
NON-SCHEDULED BANKS—CLASS A2																	
1948	72	5 18	2,32	18 82	6,87	18 95	1,44	46 08	57 92	4 62	3,35	1 47	27,61	12 83	3 88	25	567 (38)
1949	78	5,73	2,62	20,40	6 84	17 34	1 41	45 99	59,41	4,54	3 08	1 41	30,29	12 43	3 10	28	516 (23)
1950	74	6 38	2,63	21,36	8 70	15 40	1,23	46 69	60 57	3,82	2,43	1 11	26 47	18 99	2 95	23	488 (18)
1951	70	5 66	2,70	20,63	8 49	13 48	1 66	44,26	51 62	4 13	1 87	17 16	2 66	94	26 53	34	482 (12)
1952	72	5,93	2,92	18,84	8,30	11,94	1,41	40,49	49,34	3,57	2,33	15,33	2,45	1,06	24,72	16	452 (11)
NON SCHEDULED BANKS—CLASS B																	
1948	191	3,13	94	13 72	4,01	4,85	1,52	24 10	31,67	2 47	1 90	1,11	17,46	5 31	1,29	26	693 (5)
1949	190	3,06	99	11,90	3 63	3,80	1,23	20,56	27,64	2 04	1 37	76	15 74	4 79	1,08	26	658 (5)
1950	192	3,06	1,10	12,41	3,84	4,19	1 42	21 86	29,04	2,32	1 58	75	16 21	4,99	1,15	29	663 (3)
1951	186	2,93	1,03	12 11	3,65	3 68	1,35	20 79	24,75	2 02	1 32	5 11	95	65	15,27	25	626 (2)
1952	195	2,99	1,12	12,25	3 59	3,23	1,44	20,51	24,62	2,25	1,27	5 17	1,13	58	14,96	28	623 (2)
NON SCHEDULED BANKS—CLASS C																	
1948	119	67	18	2,08	35	60	48	3,50	4,84	37	24	9	3 24	28	22	5	211 (2)
1949	124	72	18	2,01	38	58	45	3 41	4,75	35	26	10	3,13	31	23	6	224 (3)
1950	129	74	18	2 20	48	62	50	3 80	5,21	48	35	14	3 20	36	24	5	241 (3)
1951	117	63	19	2,25	45	60	37	3 67	4,49	49	27	39	17	9	3 07	6	222 (1)
1952	114	60	18	1,87	33	49	33	3,02	3,80	40	25	33	16	4	2 61	4	170 (—)
NON SCHEDULED BANKS—CLASS D																	
1948	158	25	9	1 19	19	29	30	1,97	2,70	19	13	2	1 61	15	12	2	236 (1)
1949	129	21	8	1 00	19	23	17	1,59	2 00	13	7	—	1 37	6	10	2	185
1950	124	22	7	81	16	18	16	1 31	1 80	15	9	2	1 14	7	7	2	176 (2)
1951	96	17	6	67	12	17	9	1 05	1 28	16	7	9	9	1	86	—2	133 (—)
1952	60	12	3	40	7	17	4	68	93	9	4	4	7	1	55	1	74 (—)

* No of offices outside the Indian Union are shown in brackets

MONEY RATES IN INDIA

	1951	1952
Bank Rate*	3½	3½
Imperial Bank Rates		
Hundi Rate**	4½-3½	4½
Advances Rate	4-3½	4
Call Loan Rate—		
Rs 5 lakhs and over	3½-2½	3½
Below Rs 5 lakhs	5½-3	3½
Bazar Bill Rates†		
Calcutta	10-12	10-12
Bombay	9-9½	9½-9
Call money Rates		
Calcutta	½	3-½
Bombay		
Larger Banks	2½-½	3-½
Smaller Banks	2½-1½	3½-1½
Long term Government Bond yield††	3 23	3 69

* Bank rate raised to 3½ per cent on November 15 1951 This is the standard rate at which the Reserve Bank is prepared to buy or rediscount bills of exchange or other commercial paper eligible for purchase under the Reserve Bank of India Act

** The rate at which the Imperial Bank discounts first class three months commercial bills

† Rates at which bills of small traders are discounted by shroffs The quotations are unofficial

†† Average flat yield on 3 per cent Conversion Loan of 1946

Clearing Houses—The Principal Clearing Houses in India are those of Calcutta Bombay and Madras and of these the first two are by far the most important In 1946 47 Clearing Houses were opened at Alleppey Rajkot and Gaya and are being managed by the Imperial Bank of India This brings the total number of Clearing Houses under the management of the Imperial Bank to 19 In Bombay a Metropolitan Clearing Association was formed and registered in October 1946 to arrange for clearing for non scheduled banks as the Bombay Bankers Clearing House decided to restrict its membership and sub membership only to scheduled banks

Cheque clearances in the Indian Union declined to Rs 6 198 crores in 1949 50 from Rs 6 687 crores in the previous year which was incidentally a record year for cheque clearances In 1950 51 there was however a sharp recovery owing to the broadening of business activity and the rise in prices following the outbreak of the Korean War and the rearmament drive and the total cheque clearances amounted to Rs 3,577½ crores Of the increase amounting to Rs 379½ crores Bombay alone accounted for Rs 277¾ crores at Rs 2 877½ crores The year 1951 52, however, broke all previous records

The figures for 1951 and 1952 along with others are shown in the table given below

CLEARING HOUSE STATISTICS

(In lakhs of rupees)

Year	Velocity of Circulation	Calcutta	Bombay	Madras	Kanpur	Delhi	Other Centres	Total
1948	9 8	2 707 90	2 712 59	382 88	133 53	144 72	589 45	6 671 07
1949	10 4	2 459 08	2 612 32	384 05	128 57	142 25	598 21	6 324 36
1950	10 6	2 272 35	2 683 93	397 04	130 41	143 66	643 87	6 278 16
1951	13 0	3 118 84	3 180 57	487 07	145 18	167 28	778 76	7 877 90
1952	12 3	2 703 05	2 679 52	432 57	136 94	157 9	742 47	6 853 40

*

STOCK EXCHANGE*

THE earliest reference to stock broking in India dates back to the end of the 18th century when transactions in Government securities and the shares of the East India Company used to take place in Calcutta under a *neem* tree Similar references are also available about business in shares in Bombay before 1840 The boom following the American Civil war gave a great impetus to this business

The Native Share and Stock Brokers' Association of Bombay was formally constituted by an indenture dated December 3 1887 and was recognised by the Government of Bombay for forward trading in shares under the Bombay Securities Contracts Control Act, 1925 Since then several attempts were made to start rival stock markets in Bombay the latest one being the Indian Stock Exchange started in 1938

Calcutta Association—The Calcutta Stock Exchange Association was founded at No 2, New China Bazar Road (now known as 2, Royal Exchange Place) Calcutta, with 150 founder members in 1908 Fifteen years later, it was registered as a limited liability concern The Association is controlled and managed by a Committee and has a membership of 232 brokers

The only registered institution in south India of brokers dealing in shares and securities is the Madras Stock Exchange Association, Ltd registered in 1937

During the boom period several stock markets were started at other industrial centres These include Delhi and Kanpur

The Ahmedabad Stock Exchange is also a registered body and recognised by the Government of Bombay under the Bombay Securities Contract Control Act

Among the Part B States Hyderabad has an organised stock market of its own, but trading in shares is conducted in several other States particularly Madhya Bharat in which Indore is an important centre

CAPITAL MARKET

Until the beginning of the Second World War the capital market had made a slow but steady progress, but its pace quickly accelerated during the War period when the monetary inflation and the rising trend of industrial profits served as a first class stimulant to its growth which was spectacular The post war period has however, served mainly towards consolidating the early gains A broad idea of the expansion of the market can be had from the fact that between 1938 39 and 1946-47, the interest-bearing obligations of the Government of India increased by Rs 1,176 crores, while consent for the issue of capital was granted to the tune of Rs 640½ crores from May 17, 1943 to March 31, 1947

INDUSTRIAL FINANCE CORPORATION

Under the Industrial Finance Corporation Act, a Corporation was established on July 1 1948 to provide medium and long term finance to public limited companies and co operative societies registered in India, including the acceding States, and engaged in the manufacture or processing of goods or in mining or in the generation or distribution of electricity or any other form of power Individuals, partnership firms or private limited companies are thus excluded from the purview of the Corporation s operations The authorised share capital is Rs 10 crores, divided into 20,000 shares of Rs 5,000 each, the paid up capital being Rs 5 crores in respect of 10,000 shares issued To this issue, the Central Government and the Reserve Bank of India subscribed Rupees one crore each, the scheduled banks and financial institutions like insurance companies and investment trusts, Rs 1¼ crores each, and co operative banks Rs ¼ crore The paid up value of the share capital and dividends on it at the minimum rate of 2½ per cent per annum are guaranteed by the Government The Board of Directors consists of twelve members, of whom four are nominated by the Central Government and two by the Reserve Bank of India, and six are representatives of scheduled banks, insurance companies, investment trusts and other financial institutions

The Corporation is authorised to borrow up to five times the amount of its paid-up capital and reserve fund When the Reserv Fund equals the authorised capital of Rs 10 crores the borrowing capacity of the Corporation will be Rs 100 crores The Corporation may also accept deposits for periods of not less than five years but the total deposits accepted may not exceed Rs 10 crores It is empowered to provide financial assistance in the following ways

(i) grant loans or subscribe to debentures of industrial concerns repayable within a period of 25 years secured by sufficient pledge, hypothecation or mortgage of tangible assets (ii) underwrite the issue of stocks shares and debentures and (iii) guarantee loans floated in the market repayable within a period not exceeding 25 years

The Corporation is prohibited from subscribing directly to the shares or stocks of companies and is primarily a lender and not a partner in industry Its policy is to finance the acquisition of fixed assets and thereby supplement rather than compete with the activities of commercial banks

In September 1948 the Corporation started functioning with Mr Shri Ram as Chairman and Mr Ram Nath as Managing Director In August 1949 the Corporation decided to augment its resources by issuing 3½ per cent bonds repayable in 1964 The Act was amended with effect from December 29 1952 in order to enable the Central Government to guarantee loans in foreign currencies and in certain other respects e g shipping companies are now eligible for loan from the Corporation

The nature of assistance that the Industrial Finance Corporation can render to the Industries is governed by the Act which permits help to be given only to public limited companies or co operatives registered in India and engaged in the manufacture of goods, processing of goods mining and generation or distribution of electricity or any other form of power

Up to the end of January 1953 the Corporation sanctioned Rs 15 23 crores by way of loans

The break up of the loans sanctioned by the Corporation from June 30, 1949 to June 30, 1952 is as follows (Rs in lakhs)

Textile machinery 64 Mechanical engineering 118 Electrical engineering 115 Cotton textiles 204 Woollen and rayon 85, Chemicals 186 Cement 90, Ceramics and glass 119, Non ferrous metals 85 Sugar 115 Paper 74 Automobiles and tractors 50 Other Industries 98, Total 1,403, Total asked for 3,187

With the passing of the Part B States (Laws) Act 1950, which came into force on April 1 1951, the Industrial Finance Corporation Act, 1948, now extends to the whole of India except Jammu and Kashmir On account of the conditions prevailing in the money market and the stock exchange, the Corporation did not consider it advisable to undertake underwriting commitments

STATE FINANCIAL CORPORATION

An Act to provide for the establishment of State Financial Corporations was passed in October 1951 The Act enables the State Government to establish a Financial Corporation for the State under a name to be specified by notification and the State Government concerned the Reserve Bank scheduled banks insurance companies investment trusts co operative banks and other financial institutions will be entitled to subscribe to the share capital Parties other than these can also be shareholders but their aggregate holding will not exceed one fourth of the total capital The shares allocated will not be transferable except to the State Government the Reserve Bank or any other recognised financial institution

The shares of the Corporation will be a trustee security under the Indian Trusts Act and an approved security under the Insurance and Banking Acts The shares shall be guaranteed by the State Government in regard to the repayment of principal and the payment of annual dividend at such minimum rate as the State Government may with the approval of the Central Government fix by notification The Corporation may issue bonds and debentures for increasing its working capital and accept deposits of not less than five years maturity

The management of the Corporation will vest in a Board of Directors composed of three nominated by the State Government one by the Central Board of the Reserve Bank one by the Industrial Finance Corporation of India one each by scheduled banks co operative banks and other financial institutions and one to represent other shareholders The Managing Director will be an ex officio member of the Board The first Board will be constituted by nominating the representatives of the various interests by the State Government

The Corporation may transact the following business—(a) the guaranteeing of loans raised by industrial concerns in the public market for not more than 20 years (b) the underwriting of the issue of stocks shares bonds or debentures by industrial concerns (c) the granting of loans or subscribing to debentures of industrial concerns repayable within 20 years and (d) other business arising or ancillary to the above The limit of accommodation to any industrial concern will be up to a maximum of one tenth of the Corporation s share capital subject to a maximum of Rs 10 lakhs

Upto December 1953 four States had established State Finance Corporations—Punjab, Saurashtra, Bombay, Travancore-Cochin

At present there is no legislation for the regulation and control of stock exchanges except in the State of Bombay The Bombay Securities Contracts Control Act of 1925 has also not proved particularly effective mainly because transactions outside a recognised stock exchange are under the Act merely void and not illegal The Act does not also make a clear distinction between ready and forward business To improve upon the Contracts Control Act the Bombay Government enacted in 1947 the Bombay Forward Contracts Control Act but this Act has not been applied to securities presumably because central legislation on this subject has been in contemplation

On the basis of the recommendations of an expert committee the Government of India have formulated proposals for enacting legislation for regulating stock markets Comments received from the State Governments and public bodies are under scrutiny

COMPANY LAW

In 1951 the Government of India appointed an expert committee with Mr C H Bhabha as Chairman, to suggest an overhaul of the Company law But trafficking in managing rights and cornering of shares in the open market with a view to acquiring control over the management of well established and reputable

* For investors' guide see end of book

companies for anti social purposes had reached such proportions that Government decided to promulgate an Ordinance on July 21 1951 On September 14, the Indian Companies Act was amended The main features of the changes are given below —

(1) Any Amendment in the articles or agreement relating to the appointment of a Managing Director and the increase in the remuneration will be void unless approved by the Central Government

(2) The Central Government, after an enquiry into the complaint made by the Managing Agent, Managing Director or any other director of a company that the change in the board of directors would prejudice the affairs of the company direct that the resolution will be effective only after it is confirmed by Government

(3) Any change in the term of a Managing Agent after July 21 1951 shall be void unless approved by the Central Government

(4) A Managing Agent can transfer his office only with the approval of Government

(5) A change in the Constitution of the Managing Agent will require prior approval of Government

(6) When the affairs of a Company are managed in a manner prejudicial to the interests of the company or oppressive to some part of the members a member can apply to the court for an order to wind up the Company Government can also apply for a similar order

(7) The Central Government may constitute an advisory commission to advise them on company affairs

Steps to introduce legislation for comprehensive revision of the Indian companies Act are well under way The administration of the Act will also be brought within the purview of the Central Government

Section 91 B of the Indian Companies Act was amended in 1952 in order to empower the Central Government to exempt any company from the prohibitions contained in sub section (1) of that Section An Advisory Commission was also set up to advise Government on applications under the various provisions of the law

During 1952 326 applications for the issue of capital amounting to Rs 152 3 crores were disposed of by the Ministry of Finance Out of these 102 applications from industrial companies for the issue of capital aggregating Rs 32 7 crores were sanctioned and 23 applications for Rs 53 3 crores were refused 152 applications from non industrial companies involving a total issue of Rs 7 10 crores were sanctioned and 49 applications for Rs 55 05 crores were refused 76 applications were decided involving investment of foreign capital in companies in India to the extent of about Rs 6 crores Out of these, 63 applications were sanctioned involving a capital of over Rs 5½ crores, and 13 involving a capital of about Rs ½ crore were refused

MARKET TRENDS

Throughout the war period, the stock market was fed on a veritable boom caused by cheap money and inflation The index of Government securities moved up from 107 6 in August 1939 to 120 4 in 1946 47 and that of fixed yield industrial securities from 137 7 to 197 8 on the basis of 1927 28 quotations equal to 100 In the same period the index of variable yield industrial securities advanced from 98 5 to 268 6 In the following four years the economic uncertainty, post partition riots and the general thinning of investment demand had an adverse effect on the stock markets and the capital values registered a marked depreciation Thereafter a feeble recovery was noticeable but the volume of business continued to be at a low ebb and even the Korean War broken in mid 1951 did not stimulate speculative excesses in industrial shares

The table below based on the data collected by the Reserve Bank broadly indicates the trend in regard to paid up capital of variable yield industrial shares quoted on the stock exchanges of Bombay Calcutta and Madras and their market value —

(Rupees in lakhs)

—	October 1948	31 3 1949	31 3 1950	31 3 1951
No of Companies	779	833	829	827
Paid up Capital	Rs 20 596	Rs 22 714	Rs 23 015	Rs 23,808
Market Value	Rs 40 563	Rs 37 933	Rs 35 400	Rs 43 367

During 1951 52 the Stock Exchange turned downward following the evaporation of inflationary pressures and the debacle reached its nadir in March 1952 when the crash on the market preceded by a heavy slump in commodities, resulted in the temporary closing down of the market

The behaviour of the stock market during the financial year 1952 53 fitted the customary pattern of disinflation With the general rise in interest rates ideas of equity yields were revised in an upward direction and buyers turned more exacting in their demands for safety and liquidity of capital This tendency was reinforced by the recession in prices and incomes and flagging profits and directly led to the withdrawal of support from variable yield securities Nevertheless the fall in their index from 109 8 in April 1952 to 103 7 in January 1953 was followed by a recovery to 107 in March On a percentage basis, the variation over the year was 5 per cent in Bombay, 7 per cent in Calcutta and 10 per cent in Madras

Since December 1946, the Reserve Bank of India has started constructing indices of security prices covering 398 scrips taking the year 1938 as the base These indices (all-India) reveal the following trend —

1938=100

Average of Weeks	Government & Semi Government Securities	Industrial Securities		Banks	Insurance	Investment Trusts	Electricity Tramways	Shipping and other Transport	Railways	Plantations	Cotton, Woollen and Silk Mills	Jute Mills	Coal	Mining and Oil	Iron and Steel	General Engineering	Sugar	Breweries	Chemicals	Paper	Cement
		Fixed Dividend	Variable Dividend																		
1947-48	103 3	120 2	181 5	152 0	206 0	229 0	104 0	194 0	95 0	223 0	298 0	184 0	188 0	116 0	189 0	236 0	161 0	183 0	203 0	254 0	147 0
1948 49	102 0	109 4	136 5	138 0	159 0	193 0	87 0	144 0	90 0	157 0	202 0	112 0	129 0	82 0	150 0	192 0	138 0	117 0	176 0	125 0	134 0
1949-50	101 2	101 9	115 4	121 6	123 0	172 8	84 2	99 1	90 6	123 7	154 8	84 0	107 8	61 1	134 5	154 2	116 1	104 9	157 0	99 4	120 4
1950-51	100 0	101 0	124 2	122 8	123 5	163 1	89 1	94 5	91 7	152 9	157 5	93 3	120 9	71 8	159 6	176 3	101 1	101 9	173 3	114 3	135 8
1951 52	95 8	97 2	127 8	116 1	112 1	149 2	90 2	98 6	87 5	177 5	169 4	99 5	125 7	76 9	163 4	172 0	97 1	84 1	176 2	127 7	143 8
1952-53	91 7	90 8	107 3	103 2	99 5	139 4	82 7	85 5	74 7	126 8	135 1	78 3	91 3	63 4	131 0	140 1	83 8	59 5	134 9	114 3	140 7
953 June	92 1	90 7	107 9	103 4	99 4	142 3	84 0	86 6	75 5	123 5	136 8	74 2	89 7	63 4	142 2	150 5	83 2	71 7	134 9	116 5	143 2

BULLION

PRECIOUS metals have always held a great place in the Indian economy Even though gold and silver standard currencies are no more in the world both the metals determine Government's policies The price policies in respect of these two metals are governed by American attitude because the U S A is the most important consumer The U S official price of gold at $ 35 per five ounces has been accepted as the official price by all member countries of the International Monetary Fund

SILVER

The following table gives details about the trend of silver production from 1949 to 1952 —

(In millions of ounces)

	1949	1950	1951	1952 (Esti)
United States	34 6	42 1	40 0	40 5
Mexico	49 5	49 1	43 8	45 0
Canada	17 6	23 2	24 2	25 0
Peru	10 6	13 4	14 9	17 0
Bolivia	6 6	6 6	7 2	6 0
Other South and Central American Countries	6 7	6 9	6 8	7 5
Total (Western Hemisphere)	125 6	141 3	136 9	141 0
Outside the Western Hemisphere (Partial)	23 0	26 0	30 0	31 0
World Production (Partial)	148 6	167 3	166 9	172 0
India	0 011	0 116	0 015	0 021

Following the expiry of the Green Act on December 31, 1945, a Silver Bill was enacted on July 31, 1946 authorising the Treasury to sell or lease for manufacturing use any silver not pledged as monetary backing for silver certificates, at not less than 90½ cents per fine ounce and also to purchase all domestic silver mined after that day, if offered within one year after being mined, at a net price of 90½ cents The tax of 50 per cent on profits derived from transactions in silver originally designed to prevent speculation at the expense of the Treasury also continues to be in force in spite of considerable agitation

The recent trend of silver consumption (partial data) is given in the following table —

(In millions of ounces)

ARTS AND INDUSTRIES	1950	1951	1952
United States	120 0	110 0	95 0
Germany	9 6	11 5	11 3
Great Britain	12 2	16 5	11 0
Canada	5 2	4 6	4 2
Japan	N A	3 5	3 5
Mexico	2 5	2 0	2 2
Total	149 9	148 1	127 2
COINAGE			
United States	24 6	44 4	57 3
Saudi Arabia	—	21 0	23 0
Germany	—	9 9	8 8
Mexico	3 8	4 5	8 3
Canada	3 8	3 8	4 2
China	—	—	—
Other Countries	1 5	0 4	1 5
Total	33 7	84 0	104 1
Total Consumption	183 2	232 1	231 3

The trend of silver price in New York during 1952 was downward, but there were only six changes in the published price and the opening quotation of 88 cents per troy ounce proved to be the peak of the year and the low of 82¼ cents was reached on May 28

The following table gives the average silver quotations in New York and London from 1948 to 1952

	New York Official	London Spot
	Cents	Pence
1948	74 361	45 004
1949	71 930	49 243
1950	74 169	64 796
1951	89 368	77 856
1952	84 941	74 360

GOLD

Gold has played a key role in shaping the life and history of the world Between 1493 and 1600, world s production of gold was placed at 24 2 million ounces It steadily rose to 38 million ounces during the 50 years ended 1850 Since then, however, the production has risen rather spectacularly The annual average output mounted from 3 5 million ounces in 1850 to 19 6 million ounces in 1929 and then to 35 2 million ounces in 1936, reaching the peak figure of 41 million ounces in 1940 The greatest part of this enormous increase came since the U S Administration raised its price of gold from $ 20 67 per ounce to $ 35 an ounce which made the U S A a sort of magnet strongly attracting the world s entire gold production The following table gives the figures for world gold production in thousands of fine ounces

World Gold Production

(In thousands of fine ounces)

	1948	1949	1950	1951	1952
Union of South Africa	11 585	11 705	11,664	11,516	11 800*
Canada	3,530	4,124	4 441	4 392	4 450*
U S A	2 025	1 922	2 289	1 895	1 938
All countries including U S S R	24,959	25,878*	26 579	26 018	26 400*
Australia	891	893	861	896	978*
Gold Coast	672	677	689	699	691
Southern Rhodesia	514	528	511	487	497
Mexico	368	406	408	394	400*
Columbia	335	359	379	431	422
Congo	300	334	350*	N A	N A
Philippines	209	289	300*	N A	N A
Korea	300*	300*	200*	N A	N A
Chile	164	179	186	174	180*
Indian Union	180	164	197	226	253
Brazil	157	183	195	200*	180*
Japan	70	100*	120*	N A	N A
Peru	111	138	148	142	140*
Fiji	93	90*	90*	N A	N A
New Zealand	94	85	77	75	75*
New Guinea	87	93	75*	N A	N A
Sweden	75*	75*	75*	N A	N A
Tanganyika	58	69	65*	N A	N A
Elsewhere	815	757	652*	N A	N A
Commonwealth	17,772	18,511	18,758	18 604	19 100*
Commonwealth percentage	71 2	71 5	70 6	71 5	72 3
U of S Africa percentage	46 4	45 2	43 9	44 3	44 7

N A —Not available * Provisional figures

International Gold Policy

The pressure for raising the official price of gold continued in the post war period Subsequent to the I M F statement on premium gold in 1951 several gold producing countries permitted external transactions at premium prices under certain specified conditions During 1952 53 the premium price in the world free markets fluctuated between $ 36 40 and $ 37 50 about 30 per cent of the new gold production during the year went to augment the official gold stocks It is estimated that in 1952 some 12 million ounces of gold were absorbed by the free gold markets as compared with about 9 5 million during the previous year

Production, Imports and Exports

The upward tendency in India's gold production noticed since 1950 continued during 1952 the estimated output rising further from 226 364 ounces in 1951 to 252 911 ounces in the following year Its value is calculated on the basis of the prices at which it was sold in the open market was however lower at Rs 6 crores as against Rs 6 8 crores in 1951 The improvement in the physical output was due to higher production in the Mysore State which accounted for as much as 243 629 ounces On the other hand the output of the mines in Hyderabad State fell slightly from 9 476 ounces to 9 282 ounces The Indian output during 1952 was still about 20 per cent below the pre war (1939) figure of 317 000 ounces though her share in the world output rose from 0 87 per cent in 1951 to 0 96 per cent in the following year

Imports and exports of gold continued to be negligible In view of the continuance of the restrictions under the Foreign Exchange Regulation Act 1947 and Imports and Exports (Control) Act 1947 The inflow of smuggled gold also contracted owing to the narrowing down of the price disparity between the Indian and world price level In January 1953 the Government of French India decided not to allow any foreign exchange for the import of gold into Pondicherry

Assaying and Refining of Gold and Silver

Some relevant statistical data are given below —

(Thousands of tolas)

Year	Melting and Assaying		Refining	
	Gold	Silver	Gold	Silver
1948-49	1 06	3 69	27 35	1 89,94
1949-50	1 27	20 86	19 91	8 74 33
1950-51	2 59	97 56	18 64	16 50
1951-52	60	64 19	27 43	44 46
1952-53	28	62 5	24 11	28 92

The following table gives details of imports and exports of gold and silver —

Yearly Average	Imports		Exports		Net Imports (+) Net Export (−)	
	Ounces in thousands	Rs in Lakhs	Ounces in thousands	Rs in Lakhs	Ounces in thousands	Rs in Lakhs
GOLD						
1948-49	1	3	--	1	+ 1	+ 2
1949-50	1	2	--	--	+ 1	+ 2
1950-51	7	21	1	4	+ 6	+ 17
1951-52	40	1 16		1	40	1 15
1952-53	1	2			1	2
SILVER						
1948-49	18 20	84	—	—	+ 18 20	+ 84
1949-50	1 49	6	78	4	+ 71	+ 2
1950-51	66	3	—	—	+ 66	+ 3
1951-52	1 67	9	—		1 66	+ 9
1952-53	1 28	5			+ 1 28	5

INDIAN MARKET

During 1952 53 forward trading in gold and silver under the auspices of the Bombay Bullion Association the only recognised body under the Bombay Forward Contracts Control Act 1947 was sought to be further regulated The new bye laws promulgated in May 1952 sought to prevent over trading and ensure speedy payment of differences when fluctuations were rather excessive The volume of transactions showed a considerable decline amounting to 118 million tolas in gold and 4 2 million bars in silver as against 245 million tolas in gold and 9 5 million bars in silver during 1951 52

The following statement gives the highest and lowest spot prices of gold and silver in Bombay with import duties from 1947 to 1952 —

Year	Gold (per fine tola)				Silver (per 100 tolas gross)			
	Highest	Lowest	Average	Import Duty	Highest	Lowest	Average	Import Duty
	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p	Rs a p
1947 48	117 12 0	95 14 0	108 0 4		183 13 0*	142 8 0	166 12 6	
1948 49	121 0 0	103 0 0	114 9 10		190 8 0	166 8 0	177 9 0	
1949 50	119 10 0	107 2 0	114 14 11	12 8 0	192 12 0	158 11 0	174 11 10	9 6 0
1950 51	120 2 0	104 12 0	113 7 4		198 12 0	173 14 0	185 14 3	
1951-52	118 10 0	79 8 0	109 1 11	13 2 0	207 4 0	142 0 0	188 4 3	9 13 6
1952 53	95 14 0	77 5 0	88 0 1	13 2 0	174 12 0	141 12 0	159 8 4	9 13 6

* Unofficial

NATIONAL INCOME

ACCORDING to the report of the National Income Committee agriculture, animal husbandry and ancillary activities contributed roughly 48 per cent of the national income in 1948-49. Commerce, transport and communications amounted to 19·5 per cent. Commodity production taken roughly as the total value contributed by agriculture, mining, manufacturing, and hand trades amounted to Rs. 56·0 abja (milliard) or nearly two thirds of the total national income.

The estimated national income for 1948-49 was Rs. 87·1 abja.

The population in 1948 was taken as 341 million and consequently the per capita national income worked out at Rs. 255.

The following two tables give a broad picture of the distribution of national income though the Committee suggests that too much should not be read in the second table.

NATIONAL INCOME BY INDUSTRIAL ORIGIN : 1948-49

Item	Net Output (Rs. Abja)	Per centage
Agriculture		
Agriculture, animal husbandry and ancillary activities	40·7	46·7
Forestry	0·6	0·7
Fishery	0·2	0·2
Total of Agriculture	41·5	47·6
Mining, Manufacturing and Hand trades		
Mining	0·6	0·7
Factory establishments	5·8	6·6
Small enterprises	8·6	9·9
Total of Mining, etc.	15·0	17·2
Commerce, Transport and Communications		
Communications	0·3	0·3
Railways	2·0	2·3
Organised banking and insurance	0·5	0·6
Other commerce and transport	14·2	16·3
Total of Commerce, etc.	17·0	19·5
Other Services		
Professions and liberal arts	3·2	3·7
Government Services (Administration)	4·6	5·3
Domestic Service	1·5	1·7
House Property	4·5	5·2
Total of other Services	13·8	15·9
Net domestic product at factory cost	87·3	100·2
Net earned income from abroad	—0·2	—0·2
Net National Output at factory cost = NATIONAL INCOME	87·1	100·0

ESTIMATE OF NET OUTPUT PER ENGAGED PERSON 1948-49

	Net Output (Rs. Abja)	No. of Persons Engaged (Lakhs)	Net Output per Engaged Person (Rs. in 000)
Agriculture	41·5	816	6·5
Mining and Factory Establishments	6·4	34	1·9
Small Enterprises	8·6	134	0·6
Total of Mining, Manufacturing and Hand trades	15·0	168	0·9
Railways and Communications	2·3	11	2·1
Banking, Insurance and other Commerce and Transport	14·7	89	1·6
Total of Commerce, Transport and Communications	17·0	100	1·7
Professions and Liberal Arts	3·2	47	0·7
Government Services (Administration)	4·6	35	1·3
Domestic Service	1·5	35	0·4
House Property	4·5		
Total of other Services	13·8	117	1·2
NET DOMESTIC PRODUCT AT FACTORY COST	87·3	1,20	0·73

The net national expenditure at market price totalled Rs. 91·7 abja out of which government administration government administrative capital expenditure and government enterprises capital expenditure were Rs. 6·3 abja, Rs. 0·8 abja and Rs. 1·2 abja *i.e.*, 6·9 per cent, 0·9 per cent and 1·3 per cent respectively.

It will be noted that government draft on private income amounting to Rs. 87·3 abja was to the extent of Rs. 6·9 abja composed of Rs. 2 abja as direct taxes, Rs. 4·2 abja as indirect taxes and Rs. 0·7 abja as miscellaneous fees, etc.

Dealing with the consumer expenditure, the report pointed out that only fragmentary and dimensional indications were available in isolated cases.

For example out of a total national product of Rs. 87 abja in 1948-49 the consumer expenditure on food probably amounted to about Rs. 46 abja or nearly 58 per cent of the national income. The high proportion of consumer expenditure on food shows in a general way the underdeveloped character of our economy.

*

TARIFF POLICY

THE Government of India set up the First Tariff Board in July 1923 for a period of one year and its life was extended from time to time though its personnel was revised every now and then The Board was guided by three principles namely (1) the industry must have natural advantages (2) the industry is such that without protection it is not likely to develop at all or so rapidly as is desirable in the interest of the country and (3) the industry must be one which will eventually be able to face world competition without protection

On November 3 1945 an Interim Tariff Board was constituted with the late Mr R K Shanmukham Chetty as Chairman This marked the second stage in the evolution of tariff policy The Board was expected to keep in view the fundamental objectives of Government's industrial policy which was 'to encourage and promote rapid industrialisation of the country to the fullest extent possible' Before recommending protective measures, it was expected to satisfy itself that (1) the industry was conducted on sound business lines, (2) it was likely within a reasonable time to develop sufficiently to be able to carry on successfully without protection or State assistance or it was an industry which it was desirable in the national interest to grant protection or assistance and the probable cost of protection or assistance to the community was not excessive and (3) due weight was given to the interest of the consumer in the light of the prevailing conditions

The third stage began with the reconstitution of the Board in November 1947 with Mr G L Mehta as President, and Dr H J Dey and Dr B V Narayanswamy Naidu as members Apart from re assigning the functions hitherto exercised by the Interim Tariff Board the reconstituted Board was entrusted with two additional functions namely (1) to report to Government as and when required factors that lead to increase in the cost of production of Indian manufactured goods as against imported articles and (2) to advise Government as and when required on measures whereby internal production may be secured on the most economical cost basis

The next development took place on August 6, 1948 when Government broadened the functions of the Board in the matter of inquiries into complaints against dumping, combines, etc and maintenance of watch over progress of protected industries

The question of evolving a new tariff policy for the Indian Republic was entrusted to the Fiscal Commission in April 1949 which recommended the establishment of a permanent Tariff Commission with enlarged powers and functions It came to the conclusion that protection should continue to be granted on the following basis (1) Defence and other strategic industries irrespective of cost on national considerations (2) Basic and key industries on the recommendations of the Tariff Authority, (3) Other industries having regard to the economic advantages consistent with the cost of protection

The Tariff Commission Act passed by Parliament received the assent of the President on September 12, 1951 and became immediately effective Among its main provisions are the following

The Central Government will establish a Tariff Commission consisting of not less than three but not exceeding five whole time members and one of them will be nominated by the Central Government as its Chairman

For the purpose of conducting any inquiry under the Act the Commission will have all the powers of a civil court while trying a suit under the Code of Civil Procedure and to require any person to furnish information on the subject matter of any inquiry

Upon receipt of a report made to it by the Commission the Central Government may take such action as it considers fit in respect of any of the matters dealt with in the report A copy of every final report made to the Central Government, together with a report of the action taken thereon by the Central Government will be laid on the table of Parliament within three months of the submission of the report If Parliament is then sitting and, if Parliament is not then sitting within seven days of its re assembly When the report cannot be so laid a statement explaining the reasons therefor will also be laid on the table of Parliament

The first Tariff Commission (Jan 7, 1952) was composed of Mr G L Mehta as Chairman and Dr B V Narayanaswamy Naidu and Mr B N Adarkar as members

The Commission is now composed of Mr M D Bhat (Chairman), Mr B N Adarkar, Mr B N Das Gupta and Mr C Ramasubban

The industries which were granted protection for the first time in 1952 were hydroquinine, iron and steel machine screws electric brass lamp holders and zip fasteners Protection to the ball bearings industry was granted till the end of 1954 and to batteries for motor vehicles was continued till December 1955 Starch, alloy, tool and special steels, certain categories of grinding wheels and segments and photographic chemicals were granted continued protection till the end of 1954 In the case of 27 industries including preserved fruits, glucose, soda ash, pencils plywood, sericulture artificial silk, non-ferrous metals aluminium cotton textile machinery and bicycles protection was extended up to the end of 1953 (See below for fuller list)

Apart from cases relating to protection, the Commission submitted reports on the fair retention prices of steel produced at Bhadravati and the Steel Corporation of Bengal continuance of protection to the motor vehicles battery industry, woollen hosiery industry, ball bearings and steel balls industry, revision of fair prices of super phosphate for 1952 review of retention prices of tin plate produced by the Tinplate Co of India Ltd revision of raw rubber prices fair ratio between the ordinary shares of the Steel Corporation and the Indian iron, power and distribution transformers industry, revision of the fair retention prices of steel produced by Tata Iron and reduction of import duty on metinophenol At the time of writing Government had issued orders on the first nine reports

The Commission was to undertake inquiries into the claims of 44 industries for continuing protection in 1953

ARTICLES TAXED

The general rate of import duty is 25 per cent On luxury goods the duty varies between 75 and 100 per cent

The following articles among others are subject to a protective duty Heavy chemicals, iron and steel, metals (other than iron and steel), sewing machines and parts, cycles (other than motor bicycles) and parts

The following articles among others are subject to revenue duties Machinery, iron and steel, metals (other than iron and steel), motor cars cycles, scooters omnibuses, lorries, vans, and parts of these, pneumatic rubber tyres and tubes motor spirit kerosene oil, oils (fuel and lubricating) gold bullion coins, sheets and plates, tin electric lighting bulbs, wireless apparatus Portland cement (excluding white), raw cotton, coal tar products including dyes, artificial silk, yarn textile fabrics, wood, pulp, paper, stationery, cinematograph films toys, games and sports goods, spices wines spirits and liquors, ale, beer, porter cider and fermented liquors, tobacco, betel nuts

The following articles among others are subject to export duties Raw jute, manufactured jute raw cotton, cotton waste cotton cloth and yarn, raw wool, oil and oil seeds, tea, black pepper, other agriculture produce, manganese

The following articles among others are subject to excise duties levied by the Central Government Kerosene sugar matches coffee, tea vegetable products tobacco cotton cloth, steel ingots motor spirit, tyres coal

Customs is among the most important sources of revenue of the Central Government Before the war it accounted for between 55 and 60 per cent of the revenue Though the percentage today is not as high as it used to be it is still second only to income tax as a source of revenue

Among the items that earn most revenue are motor spirits (about Rs 25 crores) the group that includes motor cars (about Rs 11 crores) machinery kerosene oil raw cotton artificial silk yarn are also very high (about Rs 6 crores each)

About export duty, raw and manufactured jute bring in most revenue (about Rs 60 crores) Tea is next with about Rs 10 crores

Before the war excise duties did not form a material part of the revenues of the Central Government Today they are very important the estimate for 1953 54 are Rs 94 crores The most important single item is tobacco with over Rs 35 crores

PERIOD OF PROTECTION

On the following industries, protection was due to expire on December 31, 1953 The date in brackets shows when the duty was imposed

Artificial silk fabrics (May 1 1934) cotton and artificial silk mixed fabrics (May 1 1934) sericulture (May 1, 1938) cocoa and chocolate (April 18 1947) Calcium chloride (April 18 1947) bichromates (April 18, 1947) coated abrasives (April 18, 1947), iron or steel wood screws (April 18 1947) antimony (April 18 1947) hurricane lanterns (April 18 1947) bicycles (April 18 1947) sewing machines (April 18 1947), aluminium (May 15, 1947) preserved fruit (Jan 12, 1948) glucose (Sept 24, 1948) oleic and stearic acids (Sept 24, 1948) plywoods and battens for chests (Sept 24, 1948), cotton (Sept 24 1948) hair belting (Sept 24, 1948) iron or steel baling hoops (Sept 24, 1948), ferro silicon (Sept 24, 1948), non ferrous metals (Sept 24, 1948) electric motors (Sept 24 1948), pickers for textile industry (March 29, 1949), soda ash (April 24, 1950), sheet glass (April 24, 1950), plastic electrical accessories (April 24 1950), phenol formaldehyde moulding powder (April 24, 1950), cotton textile machinery (April 24 1950), sago globules and tapioca pearls (March 29, 1951), pencils (March 29, 1951) calcium lactate (March 29, 1951), fountain pen ink (March 29, 1951) buttons, studs and cuff links (March 29, 1951) hydroquinone (March 7, 1952), electric brass lamp holders (March 7, 1952), oil pressure lamps (March 29, 1952)

On the following industries protection is due to expire on December 31, 1954

Photographic chemicals (Dec 21, 1946), some categories of grinding wheels and segments (Jan 12, 1948), alloy, tool and special steels (Aug 30, 1948) sago flour and farina (Sept 24, 1948), iron or steel machine screws (March 7, 1952) zip fasteners with metal teeth (June 15, 1952), ball bearings (Jan 10, 1953)

On the following industries protection is due to expire on December 31, 1955

Batteries for motor vehicles (March 29, 1949), power and distribution transformers (May 30, 1953)

*

FINANCE

THE following table shows the budgeting position of the Government of India for 1948 49 1951 52 1952 53 and 1953 54 The figures for 1953 54 are budget estimates Throughout the figures are in Rs crores

	1948–49	1951–52	1952–53	1953–54
REVENUE	372	515	419	439
Customs	126	232	177	170
Central excise duties	51	86	80	94
Corporation tax	62	41	40	37
Other taxes on income	78	93	73	68
Other revenue	55	63	49	70
EXPENDITURE	321	387	422	439
Defence	146	171	193	200
Civil expenditure	175	216	229	239
NET REVENUE POSITION	+51	+128	—3	
ACCOUNTS OUTSIDE REVENUE	—133	—127	—80	—28*
OVERALL SURPLUS OR DEFICIT	—82	+1	—83	—28
Public debt in India†	1,852	1,737	1,725	1,819
UNFUNDED DEBT†	366	507	563	619
DEPOSITS†	195	230	214	197
OVERSEAS OBLIGATIONS†	43	116	144	141
TOTAL INTEREST BEARING OBLIGATIONS†	2,456	2,620	2 646	2 776

* After taking credit for a special loan of Rs 110 crores to be taken from the Reserve Bank to cover part of anticipated deficit

† As it stood at the end of the year

REVENUE AND EXPENDITURE

The principal sources of Central revenue are customs duties, excise duties levied by the Central Government corporation tax, income tax (excluding taxes on agricultural income), estate and succession duty, the earnings from the mints terminal taxes on goods or passengers carried by railway, sea or air, taxes on railway fares and freights taxes (other than stamp duty) on transactions in stock exchange and future markets, stamp duty on bills of exchange, cheques, bills of lading, letters of credit, insurance policies, transfer of shares etc , taxes on sale and purchase of newspapers and on advertisements in newspapers

The railways and the posts and telegraphs contribute to the Central revenues There are also the profits on the Government industrial undertakings

About as much as 90 per cent of the revenue is derived from the customs, excise duties, corporation and income taxes

The principal sources of revenue for the individual States are State taxes (on agricultural income, lands and buildings, minerals rights, consumption or sale of electricity, sale or purchase of goods other than newspapers, advertisements other than in newspapers, goods and passengers carried by road or on inland water ways vehicles animals boats, tolls, professions, trades luxuries amusements), capitation taxes, stamp duties excise duties on alcoholic liquors, opium and other narcotics

A point about the Sales Tax is worth mentioning here The Union has the power of declaring any commodity as essential for the life of the community and thereby vetoing any sales tax levied on it by a State Government This power comes from the Essential Goods Act of 1952

The Act however does not apply to taxes levied before it came into force

Then there are the subventions from the Central Government Part of the proceeds of the income tax are distributed among the States The jute growing States get part of the proceeds from the export duty on jute There are also special grants which are made to certain States (For details see report of the Finance Commission)

Collection and appropriation of taxes are not always vested in the same authority Some taxes are levied by the Central Government but collected and appropriated by the States (stamp duties, excise duties, duties on medicines and toilet preparations) Some are levied and collected by the Union but assigned to the States (succession and estate duties on property other than agricultural, terminal taxes on passengers, railway fares freights stock exchange, future markets newspapers or advertisement Corporation tax is collected and retained by the Union but taxes on other incomes are levied and collected by the Union and distributed between the Union and States

The two biggest items of expenditure of the Central Government are outlay on development programmes (capital account) and defence These programmes were undertaken to help the country recover from the effects of war and partition and to increase the total wealth Some of the projects are financed by loans and others by assistance from foreign Governments Current releases from sterling balances are also used to finance development

Three important heads of expenditure of the States under the revenue account are irrigation, security and social services

Then there is public debt now almost wholly internal—the rupee debt This may be divided into three classes long term loans and money market liabilities the unfunded debt which includes provident funds postal deposits saving certificates and last the deposits

In 1952 53 the total public debt of the Government of India amounted to Rs 2 082 crores Of this the debt in England amounted to Rs 27 crores, the dollar debt to Rs 113 crores

The entire revenues of the Union form a single fund called the Consolidated Fund of India

Towards the beginning of the financial year, that is in April the estimates of receipts and expenditure are laid by the Central and State Governments before their respective legislatures

No expenditure can be incurred without a specific grant being made for the purpose

Certain routine items which cannot await legislative sanction are non votable These items are charged to the consolidated funds of the Central and State Governments

A difficult problem for the income tax department has been the evasion of tax specially during the war and since

A commission was appointed in 1947 to investigate such evasion By September 1952 the Commission had discovered concealed income to the value of Rs 38 crores the evaded taxes on which amounted to Rs 21 crores

This was not very satisfactory and in 1952 June the Finance Ministry launched a special drive, inviting the public to make voluntary disclosures of hidden income within a specified time Assessees were offered special treatment such as exemption from prosecution dropping of penalties and payment by instalment The arrears in income tax were estimated at Rs 150 crores

By Sept 1952 the total income voluntarily disclosed amounted to Rs 74 43 crores, on which the tax was Rs 10 crores

1953-54 BUDGET

The 1953 54 Budget estimates tax revenue at 85 per cent of the total as against 89 per cent in 1951 52 and 1952-53 (revised) The budget proposals have the net effect of reducing the tax revenue by Rs 0 40 crore and raising non tax revenue by Rs 1 9 crores as compared to yields on the basis of the rates in 1952 53 The budget also provides, in addition to transfers in accordance with the recommendations of the Fiscal Commission, Rs 17 crores for special grants As against this, there is no provision for food subsidies which amounted to Rs 21 crores in 1952-53 revised

These estimates leave a deficit of Rs 1 05 crores which is sought to be converted into a small surplus of Rs 0 45 crore The estimated net addition of Rs 1 50 crores to revenue as a result of budget proposals is accounted for as follows —

	Crores of rupees
Loss in revenue due to reduction in export duty on sacking from Rs 175 per ton to Rs 80	— 3 5
Loss in revenue due to raising the exemption limit on personal income tax (Central share) from Rs 3,600 for individuals and Rs 7,200 for Hindu undivided families to Rs 4,200 and Rs 8,400 respectively	— 0 4
Increase in revenue due to changes in import duties including an additional duty of as 2 per lb on betelnuts	+ 3 5
Adjustments in Union excise duties including change from *ad valorem* duty to specific duties on cloth	Nil
Changes in postal rates	+ 1 9

(For certain changes in the Income Tax Act, *see* Income Tax' in this chapter)

INDIA'S PUBLIC REVENUE EXPENDITURE AND DEBT

(Crores of rupees)

	1950 51	1951 52	1952 53 Budget	1952 53 Revised	1953 54 Budget
I REVENUE ACCOUNT					
Revenue	410 66	515 36	404 98	418 64	437 76 (+ 1 50)†
Tax Revenue	357 00	459 99	357 24	372 29	370 44 (0 40)†
Expenditure	351 44	387 27	401 25	422 43	438 81
Defence (Net)	164 13	170 96	197 95	192 73	199 84
Surplus ( ) or Deficit (—)	+59 22	+128 09	+ 3 73	3 79	+ 0 45‡
II CAPITAL ACCOUNT—					
Receipts					
Permanent Debt (Net)		23 36	32 76	29 60	
Other Debt (Net)	59 09	30 58	43 75	50 52	161 23
Repayment of loans granted by the Central Government (Net)					
Disbursements					
Capital outlay	55 73	118 12	78 42	75 83	76 64
Redemption of Permanent Debt (Net)	7 76				18 83
Repayment of other Debt (Net)					
Loans and Advances by the Centre (Net)	56 63	60 16	77 85	82 78	96 33
Surplus ( ) or Deficit (—)	6 04	— 124 39	— 79 76	— 78 49	—30 77
III MISCELLANEOUS (Net)	+15 29	— 2 79	+10 43	— 0 57	+1 97
IV OVERALL SURPLUS (+) OR DEFICIT ( )	+12 44	0 91	— 7 60	—85 85	—28 15
V CASH BALANCE— Opening	149 50	161 78	158 68	162 69	79 84
Closing	161 94	162 69	83 08	79 84	51 69
VI UNION GOVERNMENT DEBT	2 550 54	2 611 16	2 670 16	2 640 26	2 772 04

† Effect of budget proposals

‡ Taking into account the effect of budget proposals

IMPORTANT HEADS OF REVENUE AND EXPENDITURE OF THE GOVERNMENT OF INDIA

(Crores of rupees)

	1950 51	1951 52	1952 53		1953 54 Budget
			Budget	Revised	
REVENUE—					
Customs	157 15	231 69	165 00	177 00	170 00
Union Excise Duties	67 54	85 78	86 00	80 00	94 00
Corporation Tax	40 49	41 41	30 53	39 83	36 62
Taxes on Income other than Corporation Tax†	132 73	146 19	124 47	130 17	123 38 (— 0 85)††
Currency and mint	12 27	11 50	10 39	10 77	1 69
Net Contribution to General Revenues					
Railways	6 50	6 93	7 65	7 68	7 65
Posts and Telegraphs	3 98	3 43	1 16	1 40	0 40 (1 90)††
Total Tax Revenue collected by the Union Government†	404 52	512 85	408 08	429 11	425 34‡
Percentage of taxes on income to total Tax Revenue‡‡	42 8	36 6	38 0	39 6	37 6
Total Revenue	410 66	515 36	404 98§	418 64	437 76§ (+ 1 50)††
EXPENDITURE—					
Direct Demands on Revenue	12 50	16 23	15 76	81 05	32 49
Irrigation	0 22	0 17	0 18	0 17	0 19
Debt Services	37 36	39 00	36 16	35 03	37 17
Civil Administration	48 80	53 67	55 98	56 23	71 27
Currency and mint	2 55	2 51	3 20	3 05	2 57
Civil Works etc	10 38	11 36	14 95	14 82	15 06
Miscellaneous	52 88	63 14	40 93	53 11	29 37
Defence Services (Net)	164 13	170 96	197 95	192 73	199 84
Contributions and miscellaneous adjustments between Union and State Governments	15 59	17 31	20 28	23 04	26 37
Extraordinary Items	7 03	10 91	15 86	13 21	24 48¶
Total Revenue Expenditure	351 44	387 27	401 25	422 43	438 81
Surplus (+) or Deficit (—)	+59 22	+128 09	+ 3 73	— 3 79	+ 0 45‡

†† Effect of budget proposals

‡ Taking into account the effect of budget proposals

† Including States share of Rs 52 86 crores in 1951 52, Rs 50 84 crores in 1952 53 (budget), Rs 56 82 crores in 1952 53 (revised) and Rs 54 90 crores (—Rs 42 lakhs being the effect of budget proposals on States share) in 1953 54 (budget) ‡‡ Including Corporation Tax § Including credit taken in the budget for the recovery from Pakistan of Rs 9 crores in 1952 53 (budget) and Rs 18 crores in 1953-54 (budget) ¶ Including provision for grants to States for (i) G M F schemes, (ii) Relief in natural calamities, (iii) Community development schemes, (iv) Industrial housing schemes and (v) Grants to B States for development schemes

DISTRIBUTION OF REVENUE AND EXPENDITURE

(Rupees in crores)

—	Tax Revenue	Cost of Collection	Net Revenue from Commercial Departments	Opium (Net)	Currency and Mint (Net)	Interest Receipts	Extraordinary Receipts	Other Revenue	Total Net Revenue	Interest on Debt	Reduction or Avoidance of Debt	Extraordinary Payments	Defence Expenditure (Net)	Other Expenditure	Net Capital outlays of Commercial Departments (Posts and Telegraphs and Irrigation)	Total Net Expenditure	Surplus + Deficit —
1949–50	309 33	11 71	9 32	—0 04	9 14	1 36	1 33	14 30	333 03	34 43	5 00	11 54	148 86	99 96		299 79	+ 33 24
1950–51	353 61	10 25	10 40	1 96	9 71	2 13	0 70	25 20	393 46	32 36	5 00	7 03	164 17	125 60	0 12	334 24	+ 59 22
1951–52	456 59	12 88	10 29	0 70	8 79	1 77	5 59	23 65	494 50	34 00	5 00	10 91	170 96	145 45	0 09	366 41	+128 09
1952–53 (Budget)	352 04	12 14	8 79	—0 42	7 19	2 33	9 34	14 67	381 80	31 16	5 00	15 86	197 95	127 95	0 15	378 07	+ 3 73
1952–53 (Revised)	367 09	28 37	9 06	0 18	7 72	2 50	0 47	21 58	380 23	30 03	5 00	13 21	192 73	142 91	0 14	384 02	— 3 79
1953–54 (Budget)	366 66	28 39	8 02	—0 93	13 12	3 05	18 47	19 23	399 23	32 17	5 00	24 48	199 84	138 64	0 15	400 28	— 1 05

DEVELOPMENT EXPENDITURE

Out of a total of Rs 726 crores, which the Centre is expected to raise over the five-year period from its revenue and capital accounts about Rs 262 crores have been found in the first two years and it was expected that another Rs 120 crores would be provided in 1953-54 The States, however, have been able to find only about Rs 101 crores in the first two years as against Rs 532 crores expected to be raised in 1951 56

A good part of the development expenditure was financed through grants and loans received from abroad in 1951 52 and 1952 53 Foreign grants and loans extended to India in this two year period totalled Rs 189 crores The break down is as follows

	(Crores of Rupees)
International Bank—	
Balance of loans extended in the pre-Plan period	9 0
Steel Project Loan (December 1952)	15 2
Loan for Damodar Valley Project (January 1953)	9 5
U S Food Loan	90 4
Grants under the Colombo Plan— (Canada Rs 13 3 crores, Australia Rs 6 1 crores and New Zealand Rs 0 9 crores)	20 3
U S Technical Co operation Assistance	41 8
Other Aid including aid from Norway and from the Ford Foundation	2 8
Total	189 0

FINANCING OF THE PLAN 1951-52 TO 1953-54

(Crores of rupees)

	Centre				States			
	1951 52 (Accounts)	1952 53 (Revised)	1953 54 (Budget)	1951 56 (Five Year Plan)	1951-52 (Accounts)	1952 53 (Revised)	1953 54 (Budget)	1951 56 (Five-Year Plan)
Outlay on the Plan	133 5	165 4	236 9	1240 5	128 0	157 2	176 1	828 2
Budgetary Resources	127 1	56 5	71 3	497 2	79 6	99 5	128 5	760 3
Savings of public authorities—								
(a) from current revenues	121 1	4 2	29 5	160 0	68 8	57 1	63 0	411 7
(b) from railways	37 7	20 7	20 4	170 0				
Private savings absorbed through—								
(a) loans from the public	—34 2	—1 2	—16 7	36 0	11 5	15 1	14 1	79 0
(b) small savings and other unfunded debt (excluding floating debt)	48 6	54 4	55 7	270 0				
(c) deposits, funds and other miscellaneous sources	—14 8	25 8	30 8	90 0	—34 0	—17 5	— 2 3	40 8
Internal inter governmental transfers (Centre s help)	- 31 4	—46 8	—48 4	—228 8	33 3	44 8	53 5	228 8
Gap in Resources	6 4	108 9	165 6	743 3	48 5	57 7	47 8	67 9
External Assistance	61 7	44 4	27 6					
Grants	4 1	13 6	29 7					
Loans (net)	57 6	30 8	—2 1					
Deficit	—55 3	64 5	138 0		48 5	57 7	47 8	67 9
Covered by (a) increase in floating debt	—32 2	—13 3	109 9		—0 3	20 8	20 8	
(b) sale of securities from reserve (net)	—22 5	—5 0			34 2	32 0	22 0	67 9
(c) withdrawal from cash reserves	—0 9	82 9	28 1		14 6	4 9	5 0	

CAPITAL BUDGET OF THE GOVERNMENT OF INDIA

(Crores of rupees)

	1950 51	1951 52	1952 53		1953 54 Budget
			Budget	Revised	
Total Receipts	120 53	169 04	125 43	130 01	317 51
Total Disbursements	182 59	293 43	205 19	208 50	348 08
Deficit on Capital Account	62 04	124 39	79 76	78 49	30 57

DEBT POSITION

Under the Indian Independence (Rights, Property and Liabilities) Order 1947, all liabilities in respect of loans, guarantees and other financial obligations of the Governor General in Council outstanding immediately before the date of Partition have been placed on the Republic of India subject to the recovery of an appropriate contribution from Pakistan In regard to the outstandings in respect of Post Office Savings Bank and Post Office Cash, Defence and National Savings Certificates it was agreed that each country should take over liability for the deposits and certificates outstanding in its respective area subject to adjustment of transfers from one country to the other till March 31, 1948 A moratorium of four years has been given to Pakistan for the repayment of the Partition Debt The first instalment fell due on August 15, 1952

The outstanding public debt of the Government of India was expected to amount to Rs 2,082 crores at the end of March 1953 and Rs 2,173 crores at the end of 1953-54 The broad analysis of the debt compared with that at the end of 1938-39 is given below —

(In lakhs of rupees)

	Total	Rupee Loans	Sterling Loans	Dollar Loans
31-3-1939 Account	9,49,77	4,84,82	4,64,95	
31-3-1953	20,82,05	19,41,00	27,31	1,13,74
31-3-1954	21,73,06	20,34,15	26,15	1,12,76

The liability for the British War Loan remains suspended while against the outstanding Railway annuities an equivalent deposit has been made with the U K Government who have undertaken to provide the necessary sterling as the payments fall due Omitting these items, the total outstanding debt would be Rs 2,056 crores at the end of the current year and Rs 2,148 crores at the end of 1953-54, representing at the end of the budget year an increase of Rs 1,266 crores over the corresponding figure at the end of 1938-39

In addition, Government are liable to repay the balances in the various Provident Funds, the Post Office Savings Bank, the Post Office Cash and National Savings Certificates the Depreciation and Reserve Funds of the Railways Posts and Telegraphs etc and certain other deposits, mainly relating to excess profits tax and income-tax These balances were estimated to amount to Rs 780 crores at the end of the current year and Rs 819 crores at the end of 1953-54 after making a very rough allowance for Pakistan's probable share in them

Taking the regular debt and these liabilities together the debt position of the Government of India would stand at Rs 28,35,92 lakhs on 31-3-1953 and Rs 29,67,00 lakhs on 31-3-1954 as against Rs 11,38 crores at the end of 1938-39 The uncovered debt would amount to Rs 368 crores at the end of 1953-54 as against the pre-war figure of Rs 188 crores

The statement below analyses the interest bearing obligations of the Government and the interest yielding assets held by them —

(In lakhs of rupees)

	1938-39	31-3-1952 Revised	31-3-1953 Budget	31-3-1953 Revised	31-3-1954 Budget
INTEREST BEARING OBLIGATIONS					
In India—					
Public Debt					
Loans	4,37,87	14,02,10	14,27,10	14,05,58	13,89,58
Treasury Bills Ways and Means Advances and Treasury Deposit Receipts	46,30	3,35,01	3,30,01	3,19,19	4,29,04
Public Debt (India)	4,84,17	17,37,11	17,57,11	17,24,77	18,18,62
Unfunded Debt—					
Service Funds	1,03	42	40	32	22
P O Savings Bank Deposits	81,88	1,97,99	2,11,82	2,20,02	2,37,52
P O Savings Certificates	59,57	13,03	9,27	10,15	6,65
National Savings Certificates		1,41,08	1,60,58	1,61,12	1,83,05
State Provident Funds	72,40	1,20,02	1,26,67	1,31,35	1,42,03
10-Year Treasury Savings Deposit Certificates		20,47	35,47	26,35	45,35
Other Items	10,25	13,88	14,10	14,09	14,26
Unfunded Debt (India)	2,25,13	5,06,89	5,58,31	5,63,10	6,19,08
Deposits—					
Depreciation, Development and Reserve Funds	27,34	1,71,47	1,71,98	1,70,18	1,59,40
Other Deposits		58,70	45,99	43,38	37,52
Deposits (India)	27,34	2,30,17	2,17,97	2,13,56	1,96,92
Total—Obligations in India	7,36,64	24,74,17	25,33,39	25,01,73	26,34,62
In England					
Public Debt—					
Loans	3,96,50	1,24	1,19	1,20	1,15
War Contribution	20,62	20,62	20,62	20,62	20,62
Capital portion of Railway annuities in purchase of Railways	47,82	8,53	5,44	5,44	4,33
Public Debt (England)	4,64,94	30,39	27,25	27,26	26,10
Unfunded Debt—					
Service Funds (England)	418	3,09	3,02	2,97	2,89
Total—Obligations in England	4,69,12	33,48	30,27	30,23	28,99

	1938 39	31 3 1952 Revised	31 3 1953 Budget	31 3 1953 Revised	31 3 1954 Budget
Dollar Loan—		1 12 04	1 11 94	1 13 74	1 12 76
Total—Interest-bearing obligations	12 0 76	26 19 69	26 7 60	26 45 70	27 76 37
INTEREST-YIELDING ASSETS—					
Capital advanced to Railways	7 25 24	8,33,63	8 50 01	9 51 95	9 70 92
Capital advanced to other Commercial Departments	27 12	1 12 95	1 54 05	81,25	90 54
Capital advanced to States	1,23 28	3 01,22	3 75 00	3 17 60	3 89 31
Other interest bearing loans	20 71	40 17	56 25	59 87	84 48
Debt due from Burma	49,73	48,15	48 15	48 15	48 15
Deposits with the U K Government for redemption of Railway Annuities		8 53	5 44	5 44	1 73
Purchase of annuities for Sterling Pensions		1,93 58	1 86 32	1 86 32	1,74,16
Debt due from Pakistan		3 00	3 00	3 00	3 00
Total—Interest-yielding Assets	9 46 38	18 38 24	19 5 25	16 53 58	17 69 69
Cash and Securities held on Treasury Account	30 30	1 98,70	1 42 75	1 36 18	1 06 53
Balance of total interest bearing obligations not covered by above assets	2 29 08	5 82 76	3 78 00	8 55 94	9 00 15

STATE FINANCE

Details of revenue and expenditure of Part A and B States in the first three years of independence were summed up in the previous edition The story is carried forward in the table below The post war trend of increasing revenue and expenditures continued, but during 1952 53 additional taxes could not be levied to the extent proposed and acute scarcity conditions made large inroads into revenues Transfer of additional resources from the Centre to the States and large withdrawals from Revenue Reserves however helped to keep the deficits at a low level The budgets for 1953 54 imposed fresh taxation of Rs 467 lakhs in Part A States and Rs 20 6 lakhs in Part B States The U P Government alone expected to realise Rs 330 lakhs by raising irrigation rates

Despite a substantial increase in development expenditure, the capital account of Part A States shows no serious deterioration from year to year This is due mainly to increased loans from the Centre and net receipts from State trading schemes in 1952 53 and 1953 54 (BE) In the case of Part B States the first factor contributed mainly to a position of relative comfort It is expected that with the assumption by the Reserve Bank of India of their banking and debt management operations and with the growth in their financial requirements, borrowings from the market will in future play a more important role in financing the capital requirements of Part B States

CONSOLIDATED BUDGETARY POSITION OF PART A AND B STATES

(Rupees in Lakhs)

Part A States					Part B States*			
1950–51 Accounts	1951–52 Accounts	1952–53 Revised	1953–54 Budget		1950–51 Accounts	1951–52 Accounts	1952–53 Revised	1953–54 Budget
				REVENUE				
50 97	55 56	53,73	51 35	Income Tax*	10 11	11 32	13,55	12,69
33 21	33 05	42,90	48 57	Land Revenue	16 37	14 94	17,99	18,91
50 14	47,85	43,87	47,13	Sales Tax	5,35	6 40	7 10	7,48
27,04	28,11	38 88	38,64	Excise	20,30	21,99	21 41	22,03
19,22	18,83	18,96	19 84	Stamps	2,97	3 16	3 20	,25
211,51	218,21	234,22	244,37	Total Tax Revenue	58 09	61,69	67 54	68 43
294,37	315,60	336,96	350,51	*Total Revenue*	93 38	106,70	110,91	115,29
				EXPENDITURE				
24,30	26 23	29,66	32,91	Direct Demands on Revenue	8 26	9 32	11 25	11,53
30,76	31 97	36 77	38,46	Civil Works	8 58	8 95	11 07	12 78
2,31	3,95	5,16	10 57	Debt Services	4 77	4 58	4 82	5 5
84,20	87,87	88,61	89,49	Security Services	27,89	25 99	23 50	22 52
110,73	119 12	134,40	141,75	Social Services	31 77	37 83	44 80	50 44
293,08	309 11	340,06	362,93	*Total Expenditure*	91,93	100 53	111 18	118,62
+1,29	+6,49	—3,10	—12,42	Surplus (+) or Deficit (—)	+1 45	+6 17	27	+3 33

* In the case of Part B States inter State transit duties are included under Income tax

CAPITAL OUTLAY OF PART A AND B STATES

(Rupees in Lakhs)

Part A States				Part B States		
1951 52	1952 53 Revised	1953 54 Budget		1951 52	1952 53 Revised	1953 54 Budget
20,64	46,32	53,95	Multi purpose River Valley Schemes	6,95	9,95	13,80
23,85	24,52	26,51	Irrigation, Navigation, Embankments and Drainage Works			
—22	1,42	1,05	Agricultural Improvement and Research Schemes	15	1	71
14,38	15,64	20,80	Electricity Schemes	5 56	7,26	6,15
65	1,65	91	Road Transport	98	81	42
19,34	14,16	19,61	Buildings and Roads	1,70	1 67	2,32
97	3,48	2,35	Industrial Development	4 84	1,99	3,22
8	77	1,60	Others	42	85	1,34
79,69	107,96	126,78	Total	20,60	22,44	27,96

LAND REVENUE

The principle underlying the land revenue system in the country has been from time immemorial on the basis that government is the supreme landlord and the revenue derived from land is by way of rent The official term for the method of collection is Settlement These were of three types The permanent *Zamindari* System was mainly found in the Bengal area Bihar, the U P and parts of Madras and covered roughly an area of 120 million acres equivalent to 19 per cent of the total agricultural area of the sub continent In the second group were the temporarily settled Zamindars such as *Malguzari Maharwari, Khoti Narvadari, Bhagdari Inami* and *Talugdari* These were found mostly in Madhya Pradesh, the Punjab, parts of U P the Bengal area and Bombay covering about 30 per cent of the area of the country The remaining 51 per cent or approximately 285 million acres were under the *ryotwari* system covering parts of Bombay and most parts of Madras, Berar, Assam and the Punjab area

Most Governments have abolished the *Zamindari* system To Madras goes the credit of being the first State to put a measure of this kind on the statute book The Madras Bill received the assent of the Governor General early in April, 1949 The validity of the Zamindari Abolition Acts was contested in the various State High Courts and the Supreme Court so much so that the Constitution Act itself was amended to make such bills valid (See under Government of India)

Land revenue was the mainstay of provincial finance till 1938 39 and still continues to be an important source of revenue

Following the Planning Commission s recommendations several State Governments introduced better charges in 1951 on land for which new facilities by way of irrigation were made available

EXCISE

The excise revenue in the country can be classified into two divisions one derived from the Central Excise Duties and belonging to the Central Government s finance and the other derived from the manufacture and sale of intoxicating liquors, hemp drugs toddy and opium The latter is a provincial revenue The budget for 1953 54 estimated the revenue at Rs 54 crores These duties are at present levied on motor spirit kerosene, sugar, matches, steel ingots, tyres, tobacco, vegetable product, betel nut coffee, tea cotton cloth and coal cess In accordance with the recommendations of the Finance Commission, the States are given a share in the excise duty on matches, tobacco and vanaspati

The Budget of the Government of India for 1944 45 brought in force important changes in the field of Central Excises It raised the rates of duty on unmanufactured tobacco and on cigars and cheroots and included in the Central Excise Tariff betel-nuts coffee and tea

A further change in respect of tobacco was proposed in the following year Accordingly, the highest class of flue cured tobacco in the excise tariff was sub divided into three and subjected to a duty of Rs 7 8, Rs 5 or Rs 3 8 per lb according as it was intended for use in manufacturing cigarettes containing more than 60 per cent, more than 40 but not more than 60 per cent or more than 20 but not more than 40 per cent by weight of imported tobacco In order to avoid double incidence, some of the provincial Governments reached an agreement with the Centre by which they withdrew the provincial excise duty on tobacco in lieu of a share in the proceeds from the Centre s tobacco excise Tobacco excise has been responsible for nearly half the receipts under Central Excise Duties

The budget proposals for 1951 52 provided for a stiff increase in tobacco duties, but the Act, as finally enacted slashed the proposals to the tune of Rs 5 crores The excise duty on cloth was first introduced in January 1949

The 1951-52 Budget also provided for an increase of 5 per cent in the excise duties on motor spirit and kerosene so as to equalise the duties of customs and excise and for certain changes in the excise duty on tobacco

The 1953 54 budget imposed a cess on mill cloth to help the hand loom industry and changed the basis of excise duty from *ad valorem* to specific duty at annas 3¼ a yard on superfine cloth and annas 1¼ on fine cloth

The provincial excise revenue in the country is derived from the manufacture and sale of intoxicating liquors hemp drugs toddy and opium The excise revenue has been pushed into the background by the prohibition policy of the State Governments

The following table shows the proceeds from State excise in Part A States —

	1952 53	1953 54 Budget
	(In lakhs of Rs)	
Madras	41	3 32
Bombay	92	2,95
U P	6,32	8,71
Madhya Pradesh	2,56	3,39
West Bengal	5,62	5 58
Orissa	2,00	2,32
Punjab	2,78	2,95
Bihar	4 09	2 70
Assam	76	71
Total	25 46	32 63

The following are the details of revenue from Union excise duties in lakhs of rupees —

	1951 52 Accounts	1952 53 Revised	1953 54 Budget
Motor Spirit	2,07	2 00	2 05
Kerosene	26	25	25
Sugar	8 43	9 25	11 55
Matches	8 69	9 00	9,00
Steel Ingots	55	60	60
Tyres	6,09	4 80	5,25
Tobacco	35,55	34,00	35,00
Vegetable Products	2,45	2 75	2 90
Coffee	77	70	75
Tea	4,31	4 00	4,25
Cotton Cloth	16,36	12,00	21,00
Coal Cess	1,66	1 70	2,00
Miscellaneous	42	35	40
	87 61	81,40	95 00
Deduct—Refunds	1 83	1,40	1,00
Total	85 78	80 00	94,00

CUSTOMS

Import duties have varied from time to time according to the financial conditions of the country Since the First World War, a greater tendency towards reliance on Customs duties has been in evidence The policy of discriminating protection and Imperial Preference was also a factor in the inter war period During the Second World War export duties were used as a curb to higher exports and inflation but following the devaluation of the Indian rupee in September 1949 export duties served to narrow the margin between the world prices and Indian prices of the country s more important exports

The customs schedule was recast in the budget of 1916 17 and the tariffs were raised in 1921 22 to reduce the budgetary deficit The next major change was effected on January 1, 1933 in order to give effect to the Ottawa Agreement During 1938-39 when the world trade was small the revenue from customs duties amounted to Rs 40 51 crores The war time decline in trade reduced the revenue to Rs 25 12 crores in 1942 43 The peak was recorded in 1951 52 at Rs 231 69 crores

The import tariff is cast in the form of a commodity schedule with broad distinctions indicating the treatment to be accorded to various classes of articles The general rate of import duty (now 25 per cent plus a temporary surcharge of ⅓th) applies to all articles other than those specially listed, certain luxury items which carry a higher rate of tax, certain items subjected to protective duties and certain other items which are declared duty free or are subjected to a low rate of duty in the interest of the indigenous industry or the economy of the country Luxury items which are subjected to the heaviest rates of duty ranging from 75 to 100 per cent mainly consist of tobacco manufactures, wines and spirits, artificial silk goods, gold plated articles, fabrics containing gold or silver thread, gold and silver thread manufactures silver thread and wires, games and sports requisites, clocks and watches, etc In the case of protected items of which the more important are some chemicals, matches silk and art silk fabrics, certain manufactures of iron and steel, sewing machines cycles and certain items of machinery and parts batteries for motor vehicles the rates of duty are fixed at such amounts and for such periods as are found necessary having regard to the recommendations of the Tariff Commission Grains and pulses and a number of raw materials for industry are on the free list while specially low but varying rates of tax cover a large number of essential items like fuel oils, batching oils, lubricants, raw films textile machinery, etc

Export duties cover a number of items of which jute and tea are normally the most important In recent years however, export duties have been used to counter inflation and to obtain for the exchequer the benefit of any large disparities between the internal and external prices of the country s main exports The Government continue to keep under constant review the effect of such duties on the country s export trade and recently in certain cases, duties have either been abolished or reduced to improve the competitive position of the commodities concerned in world markets At present export duties cover jute, cotton, cotton waste, cotton cloth manganese ore tea, black pepper, iron and steel and certain manufactures thereof, some oils and oilseeds and mercury

The trend of revenue from customs is given below —

Year	(Rs in lakhs)
1948 49	126,16
1949 50	124 71
1950 51	157,15
1951 52	231,69
1952 53 (Budget)	165 00
1952 53 (Revised)	177 00
1953 54 (Budget)	170,00

INCOME-TAX

Income tax is levied now not only on income as ordinarily understood but also on certain capital receipts which have been included in a special definition of 'income Tax at the rate fixed for the year of assessment is charged on the income of the "previous year ' Both income tax and super tax are levied according to the slab system

The more recent trend of collections is given below —

1949–50 Accounts	Rs	161 11 crores
1950–51 Accounts	,,	173 22 ,,
1951–52 Accounts	,,	146 19 ,,
1952–53 Revised	,,	130 17 ,,
1953–54 Budget	,,	123 38 ,,

While the Corporation tax accrues in its entirety to the Centre, the net proceeds of income tax, except the tax attributable to Central emoluments and Centrally administered areas and any Central surcharge, are divisible between the Centre and the Parts A and B States The percentage to be assigned to the States has to be prescribed by the President by order after considering the recommendations

of the Finance Commission The Finance Commission recommended the States share to be 55 per cent as against 50 per cent hitherto Accordingly, the percentage shares of individual States in this 55 per cent is as follows —

Assam 2 25, Bihar 9 75, Bombay 17 50, Hyderabad 4 50, Madhya Bharat 1 75, Madhya Pradesh 5 25, Madras 15 25, Mysore 2 25, Orissa 3 50, PEPSU 0 75, Punjab 3 25, Rajasthan 3 50, Saurashtra 1 00, Travancore Cochin 2 50, Uttar Pradesh 15 75 and West Bengal 11 25

The Amendment Act of 1953 exempts foreign profits brought into India grants further relief in the matter of double taxation allows higher depreciation and further concessions to new undertakings and buildings, confers right to carry forward unadjusted loss, prescribes six new exemptions relating to miscellaneous items, and exempts accumulated income from charities Persons leaving India are, under the law, required to obtain a tax clearance, or tax exemption certificate In order to reduce the disparity between a foreign company operating through a wholly Indian subsidiary and a foreign company working through its branches in India, the Finance Act of 1953 reduced the super tax rebate to a foreign company in respect of income other than dividends received from a wholly subsidiary Indian company from one anna to six pies per rupee and the rate of super tax rebate in respect of dividends received from such subsidiaries was increased to one anna six pies per rupee

The Income Tax Investigation Commission submitted its report on the existing law of income tax towards the end of 1948 and the same was published towards the end of 1949 A summary of the principal recommendations were given in a previous edition

The total references about tax evasion to the Commission numbered 1,540 up to the end of 1951 Of these 661 were disposed of The Commission, in its report for 1951, complains that many cases which really deserved reference had been omitted for one reason or another while many had been referred which are comparatively insignificant It says that the machinery of investigation has gathered momentum The total amount of concealment reported in cases disposed of is Rs 29 16 crores while the settlement basis is Rs 2 41 crores In its opinion "the scope for making concealed profits has not in any manner lessened after 1947 It therefore urges Government to organise an inquiry branch to locate cases of tax dodging

GUIDE TO TAXES ON INCOME (1953-54)

Part I

RATES OF INCOME-TAX

A In the case of every individual, Hindu undivided family unregistered firm and other association of persons, not being a case to which paragraph B or C of this Part applies—

		Rate	Surcharge
1	On the first Rs 1,500 of total income	*Nil*	*Nil*
2	On the next Rs 3,500 of total income	Nine pies in the rupee	1/20th of the rate specified in the preceding column
3	On the next Rs 5 000 of total income	One anna and nine pies in the rupee	— Do —
4	On the next Rs 5 000 of total income	Three annas in the rupee	— Do —
5	On the balance of total income	Four annas in the rupee	Do —

Provided that—

(*i*) no income tax shall be payable on a total income which, before deduction of the allowance, if any, for earned income, does not exceed the limit specified below,

(*ii*) the income tax payable shall in no case exceed half the amount by which the total income (before deduction of the said allowance, if any, for earned income) exceeds the said limit

(*iii*) the income tax payable on the total income as reduced by the allowance for earned income shall not exceed either —

(*a*) a sum bearing to half the amount by which the total income (before deduction of the allowance for earned income) exceeds the said limit the same proportion as such reduced total income bears to the unreduced total income, or

(*b*) the income tax payable on the income so reduced at the rates herein specified,—whichever is less

The limit referred to in the above proviso shall be—

(1) Rs 8,100 in the case of every Hindu undivided family which satisfies as at the end of the previous year either of the following conditions, namely —

(*a*) that it has at least two members entitled to a share on partition who are not less than 18 years of age, or

(*b*) that it has at least two members entitled to a share on partition neither of whom is a lineal descendant of the other and both of whom are not lineally descended from any other living member of the family, and

(2) Rs 4,200 in every other case

B In the case of every company, not being a company to which paragraph C of this Part applies—

—	Rate	Surcharge
On the whole of total income	Four annas in the rupee	1/20th of the rate specified in the preceding column

Provided that in the case of a company which in respect of its profits liable to tax under the Income-Tax Act for the year ending on March 31, 1954, has made the prescribed arrangements for the declaration and payment within the territory of India excluding the State of Jammu and Kashmir, of the dividends payable out of such profits, and has deducted super tax from the dividends in accordance with the provisions of sub section (3D) or (3E) of section 18 of that Act—

(*i*) where the total income, as reduced by seven annas in the rupee and by the amount, if any, exempt from income-tax exceeds the amount of any dividends (including dividends payable at a fixed rate) declared in respect of the whole or part of the previous year for the assessment for the year ending on March 31 1954, and no order has been made under sub section (1) of section 23A of the Income-Tax Act, a rebate shall be allowed at the rate of one anna per rupee or the amount of such excess

(*ii*) where the amount of dividends referred to in clause (*i*) above exceeds the total income as reduced by seven annas in the rupee and by the amount, if any, exempt from income-tax, there shall be charged on the total income an additional income tax equal to the sum, if any, by which the aggregate amount of income tax actually borne by such excess (hereinafter referred to as the excess dividend) falls short of the amount calculated at the rate of five annas per rupee on the excess dividend

For the purposes of the above proviso, the expression 'dividend" shall have the meaning assigned to it in clause (6A) of section 2 of the Income-tax Act, but any distribution included in that expression, made during the year ending on the 31st day of March, 1954, shall be deemed to be a dividend declared in respect of the whole or part of the previous year

For the purposes of clause (*ii*) of the above proviso, the aggregate amount of income tax actually borne by the excess dividend shall be determined as follows —

(*i*) the excess dividend shall be deemed to be out of the whole or such portion of the undistributed profits of one or more years immediately preceding the previous year as would be just sufficient to cover the amount of the excess dividend and as have not likewise been taken into account to cover an excess dividend of a preceding year,

(*ii*) such portion of the excess dividend as is deemed to be out of the undistributed profits of each of the said years shall be deemed to have borne tax,—

(*a*) if an order has been made under sub section (1) of section 234 of the Income tax Act in respect of the undistributed profits of that year, at the rate of five annas in the rupee, and

(*b*) in respect of any other year, at the rate applicable to the total income of the company, for that year reduced by the rate at which rebate, if any, was allowed on the undistributed profits

C In the case of every local authority and in every case in which, under the provisions of the Income tax Act, income tax is to be charged at the maximum rate—

—	Rate	Surcharge
On the whole of total income	Four annas in the rupee	1/20th of the rate specified in the preceding column

Part II

RATES OF SUPER-TAX

A In the case of every individual Hindu undivided family, unregistered firm and other association of persons not being a case to which any other paragraph of this Part applies—

	Rate	Surcharge
1 On the first Rs 25,000 of total income	*Nil*	*Nil*
2 On the next Rs 15,000 of total income	Three annas in the rupee	1 20th of the rate specified in the preceding column
3 On the next Rs 15,000 of total income	Four annas in the rupee	—Do—
4 On the next Rs 15,000 of total income	Six annas in the rupee	—Do—
5 On the next Rs 15,000 of total income	Seven annas in the rupee	—Do—
6 On the next Rs 15,000 of total income	Seven and a half annas in the rupee	—Do—
7 On the next Rs 50,000 of total income	Eight annas in the rupee	—Do—
8 On the balance of total income	Eight and a half annas in the rupee	—Do—

B In the case of every local authority —

	Rate	Surcharge
On the whole of total income	Two and a half annas in the rupee	Three pies in the rupee

C In the case of an association of persons being a co-operative society (other than the Samkatta Sillowners Society in the State of Bombay) for the time being registered under the Co-operative Societies Act of 1912 or under any law of a State governing the registration of co-operative societies —

	Rate	Surcharge
1 On the first Rs 25,000 of total income	*Nil*	*Nil*
2 On the balance of total income	Two and a half annas in the rupee	Three pies in the rupee

D In the case of every company —

	Rate
On the whole of total income	Four and three quarter annas in the rupee

Provided that—

(*i*) a rebate at the rate of three annas per rupee of the total income shall be allowed in the case of any company which—

(*a*) in respect of its profits liable to tax under the Income tax Act for the year ending on the 31st day of March 1954 has made the prescribed arrangements for the declaration and payment in the territory of India excluding the State of Jammu and Kashmir of the dividend payable out of such profits and for the deduction of super tax from dividends in accordance with the provisions of sub section (3D) or (3E) of section 18 of that Act and

(*b*) is a public company with total income not exceeding Rs 25 000

(*ii*) a rebate at the rate of two annas per rupee of the total income shall be allowed in the case of any company which satisfies condition (*a*), but not condition (*b*), of the preceding clause, and

(*iii*) a rebate at the rate of one anna six pies per rupee on so much of the total income as consists of dividends from a subsidiary Indian company and a rebate at the rate of six pies per rupee on any other income included in the total income shall be allowed in the case of any company which not being entitled to a rebate under the preceding clauses is—

(*a*) a public company the shares of which were offered for sale in a recognised stock exchange at any time during the previous year, or

(*b*) a company all of whose shares were held at the end of the previous year by one or more such public companies as aforesaid

Provided further that the super tax payable by a company the total income of which exceeds Rs 25,000 shall not exceed the aggregate of—

(*a*) the super tax which would have been payable by the company if its total income had been Rs 25,000, and

(*b*) half the amount by which its total income exceeds Rs 25,000

Explanation —For the purposes of this paragraph of this Part, a company shall be deemed to be a public company only if it is neither a private company within the meaning of the Indian Companies Act, 1913 nor a company in which shares carrying more than fifty per cent of the total voting power were, at any time during the previous year, held or controlled by less than six persons

ESTATE DUTY

The question of levying an estate duty had been before the Government of India since 1946 when a bill was first introduced This as well as the one introduced in 1948 lapsed In August 1952, a third bill was introduced* with the object of imposing an estate duty on property passing or deemed to pass on the death of a person The underlying idea is to rectify to a large extent unequal distribution of wealth and to assist the States towards financing their development schemes The Bill was passed in Parliament in September 1953

The main features of the Bill are that the levy of duty depends on the domicile of the deceased the power to assess duty is vested in the Controller of Estate Duty and the scale of duties is stipulated in the law itself In Bombay Madhya Pradesh, Orissa, Uttar Pradesh Hyderabad, Rajasthan Punjab, Madhya Bharat and Saurashtra and all Part C States the duty is leviable on agricultural land as well Like the Income tax law this legislation also provides for exemption limits and defines what items are eligible for exemption and to what extent

The minimum exemption limit provided in the Bill is Rs 50,000 in respect of property which consists of an interest in the joint family property of a Hindu family governed by the Mitakshara Marumakkattayam or Aliyasantana law and Rs 100 000 in respect of all other property The rates of duty are given below —

Principal Value of Estate	Rate of Duty
In the case of Joint Hindu family property governed by Mitakshara etc law	
On the first Rs 50 000	*Nil*
On the next Rs 50 000	5%
On the next Rs 50 000	7½%
On the next Rs 50 000	10%
On the next Rs 1 lakh	12½%
On the next Rs 2 lakhs	15%
On the next Rs 5 lakhs	20%
On the next Rs 10 lakhs	25%
On the next Rs 10 lakhs	30%
On the next Rs 20 lakhs	35%
On the balance	40%
In the case of property of any other kind	
On the first Rs 1 lakh	*Nil*
On the next Rs 50,000	7½%
On the next Rs 50,000	10%
On the next Rs 1 lakh	12½%
On the next Rs 2 lakhs	15%
On the next Rs 5 lakhs	20%
On the next Rs 10 lakhs	25%
On the next Rs 10 lakhs	30%
On the next Rs 20 lakhs	35%
On the balance	40%
In the case of shares held by a deceased member in any such company referred to in sub section (1) of Section 84	
If the principal value of the shares does not exceed Rs 5 000	*Nil*
If the principal value of the shares exceeds Rs 5 000	7½%

SALES TAX

Sales tax is an alternative source of revenue consequent on the introduction of prohibition in the States It is an important feature of the provincial revenues throughout the country In West Bengal and Bihar the single point sales tax has been favoured Bombay switched over to the multi-point sales tax in 1953 54 but contemplates to have two point sales tax A broad idea of the receipts from sales tax can be had from the following table —

	Receipts in lakhs of Rs	
	1951 52 (Accounts)	1953 54 (Budget)
Madras	15 59	14,00
Bombay	11,88	14,00
Madhya Pradesh	2,32	2,12
Uttar Pradesh	4,80	5,24
Bihar	4,09	2 70
Assam	76	71
Orissa	1,11	1,00
Punjab	1 68	1,78
West Bengal	5,62	5,58

* The Estate Duty Act, 1953 came into force on Oct 15, 1953

POST-WAR REVIEW

The war meant a change to Indian finance To understand the implications of the change it may be noted, that (*a*) the aggregate war expenditure in undivided India, including recoverable war expenditure during the period 1939 40 to 1945 46 came to Rs 3,484 crores, India s share being Rs 1,744 crores or about 50 per cent and (*b*) that the overall Government al India s public revenue, expenditure and debt outlay (war and civil expenditure) amounted to Rs 3 996 crores of which Rs 1 462 crores or 37 per cent was met out of revenue the balance being partly reflected in the accumulation of sterling balances and partly in the addition to India s public debt which increased by Rs 1 077 crores

Following the end of the war, the budget for 1946 47 was designed to face the impact of a steep fall in defence expenditure The revenue was placed at Rs 311 60 crores and expenditure at Rs 355 71 crores On the other hand, the budget for the following year was aimed at social objectives Immediately after the partition, the emphasis was again shifted to incentives The keynote of the budget for 1949 50 was to check inflation and to allay the fears of business men and investors

POST-INDEPENDENCE FINANCE

The Constitution of India declaring India s Sovereign Republic was made effective from January 26 1950 It provides that the annual financial statement to be submitted to Parliament will show separately (1) expenditure charged upon the Consolidated Fund of India and (2) other expenditure proposed to be made from the same Fund and will distinguish expenditure on revenue account from other expenditure All revenues received by the Government of India and all loans raised by that Government and all moneys received in payment of loans will constitute the Consolidated Fund of India All other public moneys received shall be credited to the public account Parliament may establish a Contingency Fund which will be at the disposal of the President for making advances for meeting unforeseen expenditure pending its authorisation by Parliament

The financial provisions in the Constitution divide the field of taxation between the Union and States* The Union List covers (1) taxes on income other than agricultural income, (2) customs duties, (3) duties of excise on tobacco and other goods produced in India except alcoholic liquors opium, Indian hemp and other narcotic drugs and narcotics but including medicinal and toilet preparations containing alcohol (4) corporation tax, (5) taxes on the capital value of the assets exclusive of agricultural land, of individuals and companies and on the capital of companies (6) estate duty on property other than agricultural land (7) duties in respect of succession to property other than agricultural land (8) terminal taxes (9) taxes other than stamp duties on transactions on stock exchanges and futures markets (10) rates of stamp duty on bills of exchange, cheques, promotes bills of lading letters of credit insurance policies transfer of shares, debentures proxies and receipts, and (11) taxes on the sale or purchase of newspapers and on advertisements published therein

The financial provisions of the Constitution of India closely follow the Government of India Act, 1935 It enumerates in three separate lists the Union, State and Concurrent subjects of legislation Residuary powers of legislation vest in the Union Parliament The items in the respective lists are broadly the same as under the Government of India Act 1935 There are some changes in the division of tax resources between the Union and the States Article 286 of the Constitution restricts the powers of the States in regard to sales tax with a view to ensuring uniformity in the principles governing the tax which however, will be levied and administered by the States A State Government cannot impose a tax on the sale or purchase of goods outside the State or if it concerns India s foreign trade or inter State trade or if the goods in question are declared by Parliament to be essential to the life of the community Taxation on the sale or purchase of newspapers and of advertisements published in them is included among taxes levied and collected by the Union but the proceeds will be assigned to the States No changes are made in the sharing of income tax proceeds A prescribed percentage of the net proceeds from taxes on income other than agricultural income (exclusive of the corporation tax, taxes payable in respect of Union emoluments and proceeds attributable to Part C States) shall be assigned to the States in which they are levied The limit of the total amount of the tax on professions trades callings and employments payable by any one person to a State or to a local authority is raised from Rs 50 to Rs 250 per annum The provision that, if Parliament by law so provides the whole or any part of the net proceeds of an excise duty levied and collected by the Union may be paid over to the States is retained The Union retains the power to levy surcharges on certain taxes for purposes of the Union

The jute growing States are no longer entitled to a specified share of the net proceeds of the export duty on jute or jute products Under Article 273 of the Constitution, the jute duty is assigned wholly to the Centre the States of West Bengal, Assam Bihar and Orissa will receive however grants in aid so long as the jute export duty is levied or for a period of 10 years which ever is earlier As under Section 142 of the Government of India Act 1935 Article 275 of the Constitution of India provides for general grants in aid to such States as Parliament may determine to be in need of assistance the amount of the aid may vary as between States and from year to year The Article provides for grants in aid to states in respect of approved schemes of development for promoting the welfare of Scheduled Tribes or for raising the level of administration of the Scheduled Areas and for grants in aid to Assam of sums equivalent to (1) the average excess of expenditure over revenues during the two years immediately preceding the commencement of the Constitution in respect of the administration of (specified) tribal areas and (2) the costs of such schemes of development as may be undertaken by that State with the approval of the Government of India for raising the level of administration of the said areas to that of the administration of the rest of the area s of the State

The provisions relating to borrowing remain unaltered The executive power of the Union extends to borrowing upon the security of the Consolidated Fund of India within such limits if any, as may be fixed by Parliament and the giving of guarantees within such limits as may be fixed A State can borrow within the territory of India on the security of the Consolidated Fund of the State The Government of India may make loans to any State or give guarantees in respect of loans raised by a State Prior consent of the Government of India is necessary for a State to raise a loan if there is still outstanding any part of a loan made to it by the Government of India or in respect of which a guarantee has been given by the Government of India In giving such consent, the Government of India may impose any conditions they may deem necessary

INDIAN STATES' FINANCE

The Government of India appointed on October 22, 1948 a Committee of experts to inquire into the finances of Indian States and Unions of States with a view to facilitating their financial integration The Committee was composed of Sir V T Krishnamachari, Chairman Mr S K Patil and Mr N Dandekar The summary of its recommendations, which were accepted by Government is given in the previous edition

As a result of the Government of Part C States Act, 1951, Coorg Himachal Pradesh, Vindhya Pradesh, Delhi Bhopal and Ajmer have had their own legislatures from April 1952 Each of the States consequently has a Consolidated Fund of its own into which the revenues and receipts received in that State and belonging to it are paid and from which the expenditure of the State is met In respect of Delhi State however, the Act makes a reservation in respect of police public order and lands and buildings in Delhi and New Delhi the receipts in respect of which as well as expenditure will still be included in the Central budget

These States however have not been placed in the same autonomous position in regard to their finances as Part A or Part B States, their balances have not been separated from those of the Central Government and their capital requirements and the debt deposit and remittance transactions are still included in the Central budget A grant in aid is given where necessary to these States for balancing their budgets and keeping an adequate working balance in their Consolidated Funds As the provisions of Part XII of the Constitution do not apply to Part C States they do not receive any share of the net proceeds of income tax or other divisible heads of the Central revenue like the Part A and the Part B States

In April 1953 the Government of India appointed a Taxation Inquiry Commission with Dr John Matthai as Chairman The terms of reference settled in consultation with the state Governments are (1) to examine the incidence of Centra , State and Local taxation on various classes of people and in different states (2) to examine the suitability of the present system of taxation Central State and Local—with reference to (*a*) the development programme of the country and the resources required for it and (*b*) the objective of reducing inequalities of income and wealth (3) to examine the effects of the structure and level of taxation of income on capital formation and maintenance and development of productive enterprise (4) to examine the use of taxation as a fiscal instrument in dealing with inflationary or deflationary situations (5) to consider other relevant matters and (6) to make recommendation in particular with regard to (*a*) modifications required in the present system of taxation and (*b*) fresh avenues of taxation

* See also the report of the Finance Commission

REPORT OF THE FINANCE COMMISSION*

THE Finance Commission consisting of Mr K C Neogy (Chairman) Mr V P Menon, Mr Justice R Kaushalendra Rao, Dr B K Madan, and Mr M V Rangachary (member-secretary) was set up by the President by an order dated 22nd Nov 1951 The report was presented to the House of the People on 13th Feb 1953

The Chairman assumed office on 30th Nov 1951 Mr V P Menon resigned his office on 18th Feb 1952 and the President appointed Mr V L Mehta in his place

Pending final recommendations the Commission proposed on 16th Dec 1951 that (1) in regard to the states share of income tax or of grants the position existing in 1951 52 should be maintained (2) the decisions taken on the final recommendations should have effect from the year 1952 53 and (3) grants made to Part A States into which former Indian States territory is merged under sub clause (1)(*b*) of Article 278 of the Constitution might also be continued during 1952 53 but treated as provisional and readjusted in the light of final recommendations

The final recommendations are effective for a period of five years ending 31st March 1957 They are summarized as follows

1 The *percentage of net proceeds of income* tax to be allocated to States should be raised from 50 per cent to 55 per cent

2 The proceeds of the income tax assigned to the States should be distributed as follows in percentage Assam 2 25, Bihar 9 75 Bombay 17 50 Hyderabad 4 50 Madhya Bharat 1 75 Madhya Pradesh 5 25 Madras 15 25 Mysore 2 25 Orissa 3 50 PEPSU 0 75 Punjab 3 25 Rajasthan 3 50 Saurashtra 1 00 Travancore Cochin 2 50 Uttar Pradesh 15 75 West Bengal 11 25

3 The share of the proceeds of the income-tax of Part C States should be raised from one per cent to two and three quarters per cent

4 Forty per cent of the net proceeds of the duties on tobacco (including cigarettes cigars etc) matches and vegetable products should be allocated to the States (in proportion to the population) and distributed as follows in percentage Assam 2 61 Bihar 11 60 Bombay 10 37, Hyderabad 5 39, Madhya Bharat 2 29, Madhya Pradesh 6 13 Madras 16 44, Mysore 2 62 Orissa 4 22 PEPSU 1 00 Punjab 3 66, Rajasthan 4 41 Saurashtra 1 19, Travancore-Cochin 2 68, Uttar Pradesh 18 23, West Bengal 7 16

5 The grants in aid payable to the jute-growing States with effect from 1952 53 are as follows West Bengal Rs 150 lakhs, Bihar Rs 75 lakhs, Assam Rs 75 lakhs, Orissa Rs 15 lakhs

6 As regards grants in aid to States which may be in need of assistance on any account

(*a*) The following States do not need any assistance Madras, Uttar Pradesh Bihar, Madhya Pradesh Hyderabad, Rajasthan, Madhya Bharat and PEPSU

(*b*) Bombay, West Bengal Orissa and Saurashtra are marginal cases Bombay has a well developed economy, a large budget and resilient resources There is also no restriction now in taxing tobacco and the State is free to raise additional revenue from this source No grant in aid is therefore necessary

West Bengal A grant in aid of Rs 80 lakhs a year because of the result of partition and the problem of refugees

Orissa Rs 75 lakhs, because of the merged areas, the existence of Scheduled Tribes, backward classes

Saurashtra Rs 40 lakhs, because of the size of the State, and its budget

(*c*) Punjab Rs 125 lakhs because of the law and order problem arising from partition

(*d*) Assam Rupees One crore because of special difficulties arising from partition

In the case of West Bengal Assam and Punjab it is assumed that the expenditure on displaced persons will continue to be borne mainly by the Centre

(*e*) Mysore Rs 40 lakhs because of limited resources

(*f*) Travancore Cochin Rs 45 lakhs because of limited resources

7 In respect of grants in aid for primary education the following sums should be distributed among eight States in proportion to the number of children of school going age not attending school at present

(In lakhs of rupees)

	1953–54	1954–55	1955–56	1956–57
Bihar	41	55	69	83
Madhya Pradesh	25	33	42	50
Hyderabad	20	27	33	40
Rajasthan	20	26	33	40
Orissa	16	22	27	32
Punjab	14	19	23	28
Madhya Bharat	9	12	15	18
PEPSU	5	6	8	9
TOTAL	150	200	250	300

* For recommendations of the Gadgil Committee report on assistance to Part B States see end of article

8 The grants now being paid to the States of Bombay Madhya Pradesh and Madras for refraining from the taxation of tobacco should be discontinued with effect from the 1st April 1953

9 The *revenue gap grants* now being paid to the States of Bihar, Bombay Madhya Pradesh and West Bengal in respect of the 'merged areas' should be discontinued with effect from the 1st April 1952

10 The Commission made two further recommendations one relating to the setting up of a small organisation to study State finances and the other for improving the available statistics in regard to income tax This organisation the Commission suggests, should preferably be a part of the Secretariat of the President and make a continuous study of the finances of the State Governments so that whenever future Finance Commissions are constituted they will have sufficient material available to them at the very commencement of their inquiry This organisation should work in close liaison with the Finance Ministry

The tables below compare what each State might on an average expect to receive under the Commission's recommendations (second table), with the corresponding sums Part A States received during the three years ending 1951 52 and Part B States during the two years ending 1951 52 (first table)

AVERAGE *FOR THE PERIOD* 1949 50 *TO* 1951 52

(In lakhs of rupees)

	Share of income tax	Grants in-aid under Article 273	Grants in aid under substantive portion of Article 275 (1)	"Revenue Gap Grants"	Total
Assam	1,45	46	30		2,21
Bihar	6,14	39		2	6,55
Bombay	10,18			1,42	11,60
Hyderabad				1,25	1,25
Madhya Bharat	6				6
Madhya Pradesh	2 91			44	3,35
Madras	8,56				8,56
Mysore				3,45	3,45
Orissa	1,44	6	40	11	2,01
PEPSU	16				16
Punjab	2,59		84†		3,43
Rajasthan	10				10
Saurashtra				2,75	2,75
Travancore Cochin				3 22	3,22
Uttar Pradesh	8,88				8,88
West Bengal	6,32	1,14		8	7,54
TOTAL	48,79	2,05	1,54	12,74	65,12

† Discontinued from 1951-52 The grants in aid to Punjab were *ad hoc*

UNDER THE COMMISSION'S SCHEME

(In lakhs of rupees)

	Share of income tax and Union Excise	Grants in-aid under Article 273	General Grants in aid under substantive portion of Article 275 (1)	Revenue Gap Grants'	Total	Primary Education Grants	Grand Total
Assam	1 70	75	1,00		3 45		3 45
Bihar	7 30	75			8,05	50	8 55
Bombay	11 25				11 25		11 25
Hyderabad	3,35				3 35	24	3,59
Madhya Bharat	1 35				1 35	11	1,46
Madhya Pradesh	3,90				3 90	30	4 20
Madras	11 10				11 10		11 10
Mysore	1 70		40	1 58*	3,68		3 68
Orissa	2 65	15	75		3,55	19	3 74
PEPSU	60				60	5	65
Punjab	2 40		1 25		3 65	17	3 82
Rajasthan	2,65				2 65	24	2,89
Saurashtra	75		40	1 87*	3 02		3,02
Travancore Cochin	1,80		45	98*	3,23		3 23
Uttar Pradesh	11,70				11,70		11 70
West Bengal	7 30	1,50	80		9 60		9 60
TOTAL	71,50	3 15	5 05	4,43	84,13	1,80	85,93

* As the share of the divisible taxes of these States is expected to be less than the Guaranteed Revenue Gap Grants the States will receive the latter The balance of these grants after allowing for the share of these divisible taxes is shown in this column

Note 1 Assam and the other States with Scheduled Areas and Scheduled Tribes will in addition receive grants under the two provisos to Article 275(1) of the Constitution Assam will also receive Rs 40 lakhs under sub clause (*a*) of the Second proviso to Article 275(1)

ote 2 In addition to the share of revenues under the Commission s scheme the States will also receive the outstanding arrears of their share of income tax in respect of the period before the 1st April 1952 The budget for 1952 53 assumes that these arrears will be Rs 5 crores and if the actual amount is of this order Madras will receive Rs 87 lakhs Bombay Rs 105 lakhs, West Bengal Rs 68 lakhs Uttar Pradesh Rs 90 lakhs Punjab Rs 27 lakhs Bihar Rs 63 lakhs Madhya Pradesh Rs 30 lakhs, Assam Rs 15 lakhs and Orissa Rs 15 lakhs

The Commission kept three main considerations in view, first the additional transfer of resources from the Centre must be such as the Centre could bear without undue strain on its resources taking into account its responsibility for such vital matters as the defence of the country and the stability of its economy, second, the principles for the distribution of grants-in aid must be uniformly applied to all the States, and last the scheme of distribution should attempt to lessen inequalities between States

The main considerations in determining the distribution of income tax were (*a*) general population and (*b*) contribution

GADGIL COMMITTEE

A Committee of Inquiry consisting of Mr N V Gadgil (Chairman) Mr S V Ramamurthy and Mr B C Ghose was appointed by a resolution of the Government of India dated April 28 1953 to enquire into any special assistance that Part B States might need

The findings of this Committee were made public on December 24 1953

The recommendations are as follows

Assistance should take the form of an out right grant of Rs 4 crores out of the Central assistance envisaged in the Five Year Plan of these States, in addition to whatever grants it has already been decided to give and an *ad hoc* grant of Rs 4 crores to be allotted during the next two years

The *ad hoc* grant is to be spent on administrative buildings and for providing link roads and public health services in the rural areas

In order to strengthen the administrative machinery of these State Governments the Committee has suggested that each of them may be provided with two senior officers one specially competent to deal with general administration and the other with development so that their services may be utilised as Chief Secretary and Development Commissioner respectively

It is also suggested that in the initial stages of planning and development in each of these States a Planning and Development Board may be entrusted with the planning and implementation of the State plans

The outright grant of Rs 4 crores recommended by the Committee is to be distributed as follows

Rajasthan Rs 1 50 00 000 Saurashtra and Madhya Bharat Rs 1 00 00,000 each and PEPSU, Rs 50 00,000

The additional sum of Rs 4 crores recommended as an *ad hoc* grant is to be distributed in the following proportion

Rajasthan Rs 1 50 00 000 Madhya Bharat Rs 1 00 00 000 Saurashtra, Rs 90 00 000 and PEPSU Rs 60 00 000

The Government of India has decided to accept the financial recommendations of the Committee on the condition that the State Governments on their part accept and implement the recommendations on administrative matters

The following table shows the financial assistance given by the Central Government during the years 1950 to 1952 The total figure (Rs in lakhs) includes grant in aid loan share of income tax or revenue gap grant whichever is greater

	1950	1951	1952
Rajasthan	127	218	383
Madhya Bharat	69	86	317
Saurashtra	128	110	200
PEPSU	141	147	196

INDUSTRIAL STRUCTURE

INDUSTRIAL production in India has been maintaining an upward trend in many directions since independence in August 1947

The interim index of industrial production with 1946 as the base advanced from 97 2 in 1947 to 108 4 in 1948, slightly receded to 106 1 in the following year and further to 105 0 in 1950 mainly because of the heavy fall in the output of cotton textiles but it advanced sharply to 117 2 in 1951 In 1952 it stood at 128 7

An elaborate census of Indian manufactures covering 29 groups of industries has been in progress since 1949 The industries covered by the census are wheat flour rice milling biscuit making fruit and vegetable processing sugar distilleries and breweries, starch vegetable oils paints and varnishes soap tanning cement glassware ceramics plywood paper and paper-board matches cotton textiles, woollen textiles, jute textiles chemicals drugs and pharmaceuticals non ferrous metals iron and steel bicycles, sewing machines producer gas plants, electric pumps electric fans and general and electrical engineering

The latest report covers these industries for 1950 The following picture has emerged —

	1949	1950
No of Factories	6 700	6 323
Fixed Capital (Rs Crores)	228	229
No of employees (million)	1 7	1 627
Wages and Salaries (Rs Crores)	178	162
Materials Consumed (Rs Crores)	704	719 6
Value of Products (Rs Crores)	964	983 7
Value added by manufacture (Rs Crores)	260	270

Industries have been further divided into durable and non durable ones The following industries belong to the former class iron and steel sewing machines electric lamps, electric fans general and electrical engineering bicycles non ferrous metals ply wood and tea chests cement glass and glassware and ceramics The structure of the two types of industrial units was as follows in 1950 —

	Durable	Non Durable
Number of factories	2,711	4 01
Fixed capital (Rs crore)	72	165 8
No of employees (lakhs)	3 15	12 12
Wages salaries etc (Rs crores)	39 3	12 0
Value of materials consumed	102 9	616 6
Value of products	167 8	822 2
Value added to manufacture	64 9	205 3

INDUSTRIAL POLICY

On April 6 1948 the Government of India outlined their industrial policy in a resolution which *inter alia* stated

(1) The manufacture of arms and ammunition the production and control of atomic energy and the ownership and management of railway transport should be the exclusive monopoly of the Central Government

(2) The State will be responsible for the establishment of new undertakings in the field of coal, iron and steel aircraft manufacture, ship building manufacture of telephone, telegraph and wireless apparatus excluding radio receiving sets and mineral oils Existing undertakings will be allowed to develop for a period of ten years and Government will give all assistance for such development At the end of the period their position will be reviewed

(3) Control by the State over the generation and distribution of electric power will continue

(4) Rest of the industries will normally be open to private enterprise with varying degrees of control over location

(5) The Central Government would investigate the extent to and the manner in which cottage and small scale industries could be co ordinated and integrated with large scale industries

Towards the end of 1951 Parliament passed the Industries (Development and Regulation) Bill The Act is now in force The Act applies to 37 industries listed in the First Schedule to the Act

The most important provision is the establishment of Development Councils which will deal with the problem of productivity and service to the community On the top will be the Central Advisory Council for Industries which will advise Government on rules directions to industrial undertakings and taking over the management of industrial concerns

The Act provides for the registration of existing industrial undertakings and licensing of new ones

It also empowers Government to investigate into the causes of any possible fall in the production of any concern or any deterioration in the quality of the product, and to take action

The Act contains provisions for direct control by the Central Government in certain cases

In the middle of 1952 a Central Advisory Council of Industries was established consisting of 27 representatives of industry labour consumers and primary producers pertaining to the scheduled industries

Upto November 1 1952 which was the last date prescribed for registration under the Act, 3 562 undertakings had applied for registration Of these 2 209 were found to be eligible for registration

A Licensing Committee has also been set up consisting of representatives of the Ministries of Commerce and Industry Finance Railways Production and of the Planning Commission to examine application for licences Out of 125 applications for licences received in 1952, 81 had to be considered by the Committee

There was only one case up to 1953 Aug in which Government ordered an investigation into the circumstances of an undertaking

The scope of the Act was enlarged in 1953

REGULATED INDUSTRIES

The Industries (Development and Regulation) Bill which received the assent of the President on Oct 31, 1951 and came into force on May 8 1952 applies to the following 37 industries

Aircraft arms and ammunition automobiles including tractors, agricultural implements, batteries, dry cells and storage bicycles coal, coke and their derivatives cement electric lamps and fans, electric motors, glass and ceramics heavy chemicals including fertilizers heavy machinery including ball and roller bearing gear wheels steam generator equipment hurricane lanterns iron and steel internal combustion engines locomotives and rolling stock leather and leather goods mathematical and scientific instruments motor and aviation fuel kerosene crude oils and synthetic oils machine tools machinery and equipment for the generation transmission and distribution of electric energy non ferrous metals including alloys paper including newsprint and paper board pharmaceuticals and drugs power and industrial alcohol power driven pumps rubber goods radio receivers ships and other vessels propelled by mechanical power sugar sewing and knitting machines small tools and hand tools telephones telegraph apparatus and wireless communication apparatus textiles made wholly or partly by cotton and jute textiles made of wool vanaspati and vegetable oils

FIVE-YEAR PLAN

The Five Year Plan provides for completion of the various industrial projects already under implementation by the Central Government or by the State Governments

In addition the Central Government has a special responsibility for establishing certain defence industries

Over the five year period the total expenditure on the projects in the public sector amounts to Rs 94 crores exclusive of the lump sum provision of Rs 50 crores for basic industries and transport

The bulk of it —Rs 8 crores —is in respect of projects directly under the Centre

The major project is the one for iron and steel with an estimated capacity of 500 000 tons of pig iron and 250 000 tons of steel

Others are ship building machine tool manufacture fertilizers at Sindri locomotives railway coaches, penicillin national instruments manufacture telephone industries cable salt works rare earth factory, D D I and housing factory

The State Governments projects cover (1) Mysore Iron and Steel Works (2) a Cement factory in Uttar Pradesh (3) Neila Mills in Madhya Pradesh (4) Sunlik Ltd in Hyderabad for spinning art silk yarn (5) Sirpur Paper mills in Hyderabad (6) Precision instruments factory in Uttar Pradesh and (7) Superphosphates factory in Bihar

In the private sector the total capital investment considered necessary for the purpose is estimated at Rs 246 crores Four fifths of this would be in respect of capital goods and producer goods industries

Roughly out of the total investment on industries in both the sectors 26 per cent is to go into the metallurgical industries one fifth into petroleum refining 16 per cent into engineering industries and 8 per cent into the manufacture of heavy chemicals fertilisers and pharmaceuticals Among the rest mention may be made of textile industries (6%) cement (5%), and paperboard and news print (4%)

*

PRODUCTION AND PRICES

IN 1952 there was a recession in world prices of almost all agricultural commodities In India there was an appreciable increase in the production of many industrial and agricultural commodities

Besides the normal G M F schemes, an accelerated programme of minor irrigation works estimated to cost Rs 10 crores per year was taken up The programmes for the development of cotton and jute made satisfactory progress The production of sugarcane recorded a sizable increase from 4 9 million tons in 1948 49 to 5 9 million tons in 1951 52 in terms of gur

The following was the trend of production of primary commodities from 1949 —

(000)

Commodity	1949 50	1950 51	1951 52	1952 53
Cereals (Tons)	46,018	41 786	41,264	45 000
Sugar, Raw (Tons)	4 938	5,616	5 895	5,035(a)
Oilseeds (Tons)	5,142	5,103	4,791	N A
(a) Sesamum (Tons)	431	453	441	451
(b) Groundnut (Tons)	3,379	3 437	3,037	2 894
(c) Rape and Mustard(Tons)	793	748	900	N A
(d) Linseed (Tons)	411	361	309	N A
(e) Castorseed (Tons)	128	104	104	107
Cotton (Bales of 392 lb)	2 628	2 971	3 134	2 905
Jute (Bales of 400 lb)	3,089	3 301	4,678	4 695
Tea (lb)	585 030	607 309	624 750	620 000
Coffee (Tons)	22	2	N A	N A
Rubber (Tons)	16	16	17	N A
Lac (md)	1 161	1,003	1,197	N A
Silk Raw (lb)	2 104	2,127	—	N A
Mica (cwt)	271	326	491	N A
Iron Ore (Tons)	2 809	2 965	3 657	N A
Manganese Ore (Tons)	646	883	1 284	N A

(a) Second I orecast corresponding figure for 1951 52 being 5 288 tons

N A —Final production figures are not available

INDUSTRIAL PRODUCTION, 1952

Partly in sympathy with world trends and partly due to the working of internal forces, something like a recession set in within the country in the second quarter of 1952 To prevent the fall in industrial production controls were relaxed in several directions The restriction on imports was so planned as to give the maximum scope to the indigenous producer Efforts to achieve an equitable distribution of scarce raw materials, indigenous or imported were continued

As a result, in spite of the setback experienced by particular industries the general index of industrial production at 128 7 in 1952 was higher than in any other year since the war and showed a substantial increase over the indices for 1951 (117 2) and 1950 (105 0) A particularly favourable feature of this rise was that the highest monthly index (137 8) was recorded at the end of 1952 in December showing a rising tendency and even the minimum (121 5) in June was higher than the average of the previous year

The indices for the first three months of 1953 were 131 2 for January, 136 0 for February and 129 9 for March

The position of particular industries is discussed in the relevant chapters It may however be noted that the most significant increase in production was in the cotton textile industry The output in 1952 was a record one providing a 25 per cent increase in the *per capita* supply of cloth over 1951 The production of steel and cement was higher than in the previous year Significant increases were also noted under sugar, bicycles sewing machines electric lamps plywood jute goods and chemicals the increases in percentage over 1951 being 34 71 1, 12 5, 33 9, 24 9, 8 8 and 48 3 respectively

RAW MATERIALS, 1952

During the year ended June 1950 efforts were continued to increase food production and about one million acres of land were reclaimed under mechanical cultivation The total of wells and tanks newly constructed or repaired came respectively to 97 000 and 4 000, while the minor irrigation projects completed and water lifting appliances installed numbered 14 000 and 17 000 respectively The additional production is estimated at 7 9 lakh tons in 1948 49 and 9 5 lakh tons in 1949 50 The target for additional food output for 1950 51 was fixed at 1 7 million tons and Rs 23 34 crores were provided for the purpose but the actuals fell short of the target and Government appointed a committee early in 1952 to go into the question of the grow more food campaign

Foodgrains production in 1949 50 season increased by 1 29 million tons to 45 55 million tons in spite of the damage caused to the kharif and rabi crops by adverse season and natural calamities The production of raw sugar rose to 4 94 million tons and of coffee to 17 238 tons During 1950 51 season the outturn of the crops once again suffered and the loss of foodgrains was to the tune of 5 5 million tons

Following the partition India's cotton and jute industries continued to experience difficulties in obtaining adequate supplies of raw cotton and raw jute and efforts to reduce the country's dependence on outside supplies were initiated in 1949 50 and continued in the following years In order to provide additional incentive to the cotton growers, the ceiling prices for cotton were raised with *farilla* stepped up from Rs 620 to Rs 770 and further to Rs 820 As a result an additional output of four lakh bales of cotton was secured bringing the total production in 1950 51 to 33 lakh bales A three year programme was initiated for raw jute with the result that the production was stepped up from 30 89 lakh bales in 1949 50 to 32 92 lakh bales in the following year and to 46 lakh bales in 1951 52 Production of five major oil seeds rose from 4 5 million tons in 1948 49 to 5 1 million tons in 1949 50 mainly because of the price incentive

The broad picture* of industrial production is given below —

Industry	Unit	1948	1949	1950	1951	1952
Finished Steel	(000 Tons)	857	930	1,004	1 076	1 103
Cotton Yarn	(Million lb)	1,447	1,360	1,175	1 304	1 460
Cotton Piece goods	(Million yd)	4,319	3,905	3,665	4,076	4 595
Jute Manufactures	(000 Tons)	1,088	940†	835	875	952
Paper and Paper Board	(000 cwt)	1,958	2,064	2,175	2 638	2 750
Sulphuric Acid	(000 cwt)	1 600	1,989	2 050	2 139	1 921
Ammonium Sulphate	(000 Tons)	35 2	45 9	47 3	52 7	220 3
Paints	(000 cwt)	714	618	559	670	643
Matches	(Million Gross)	26 6	26 3	26 2	28 9	30 4
Sugar	(000 Tons)	1,075	1,001	977	1,115	1,494
Cement	(000 Tons)	1 553	2,102	2 612	3,196	3 538
Salt	(000 md)	63,528	55,620	71,316	74,376	76 860
Coal Raisings	(000 Tons)	29,820	31,452	31,992	34,308	36,228
Electricity—						
Generated	(Million kW)	4,575	4,909	5,088	5,852	6,125
Sold	(Million kW)	3,721	3,984	4,103	4,762	5 033
General Index	(1946 = 100)	108 4	106 1	105 0	117 2	128 9

* For more detailed tables see further down

† Figures relate to the output of the members of the I J M A and one non member mill since 1949

The following table gives the details of production of industrial raw materials in the Indian Union, 1946 48 as well as for the pre-war year 1939 —

	Commodity	Unit	1939	1946	1947	1948
1	Oil seeds	(000 tons)	4,811	5,148	5,117	4,502
	(a) Sesamum	(,,)	364	323	351	335
	(b) Groundnut (in shell)	(,,)	3,219	3,588	3,411	2,901
	(c) Rape & Mustard	(,,)	690	792	806	735
	(d) Linseed	(,,)	427	328	431	423
	(e) Castor	(,,)	111	117	118	108
2	Raw Sugar ..	( )	2,848	4 913	5 817	4,869
3	Cotton	(000 bales)	3,601	2,168	2,188	1,767
4	Jute	(,,)	1 638	1 320	1,658	2,055
5	Tea	(000 md)	1 465	1,767	972	806
6	Mica	(000 cwt)	199	193	152	271
7	Iron Ore .	(000 tons)	3,166	2,498	2,285	2,809
8	Manganese Ore	(,,)	845	451	467	646
9	Rubber	(,,)		16	15	16
10	Raw Silk	(000 lb)		2,122	2,232	2 104

A REVIEW 1950-52

The rising trend in industrial production since 1948 was on the whole well maintained in 1950 with most of the industries recording appreciable increases The cotton and jute textiles and sugar industries were, however, notable exceptions, the first due to shortage of raw materials and since these had a large weightage in the computation of the general index of industrial production, the official index of industrial production for 1950 stood at 105 2 as compared with 106 3 in the preceding year and 108 9 in 1948 The increase was particularly marked in the output of cement, steel, salt, diesel engines and electrical goods industries

The year 1951 was a record thanks to the improvement in the supplies of raw materials and a more realistic price basis Special efforts were made by Government to procure raw materials supplies through the International Materials Conference The most outstanding development was the abolition of the control over raw jute and jute goods prices The general index of industrial production, with 1946 as the basis, touched the spectacularly high level of 117 2 Coal output touched a new high under the stimulus of export inquiry , cotton manufactures rose by 10 per cent , paper, sugar, and chemicals showed an all round rise and for the first time self-sufficiency was not only achieved in respect of salt but it was revealed that India could start exporting it in small quantities The only snag was that in several newly started industries, the output still lagged considerably behind the installed capacity Among the new lines of manufactures may be mentioned linoleum, automatic looms, carding engines and aluminium powder

CENSUS OF MANUFACTURES

The following census of some selected manufactures for 1950 may be found useful

The second column shows the number of factories reporting, the third the fixed capital in Rs lakhs the fourth the value of the products in Rs lakhs the fifth the value added by manufacture in Rs lakhs

	Factories	Fixed Capital	Value of products	Value added by manufacture
Cotton textiles	517	60,20	503 82	95 17
Jute textiles	107	29,81	150,85	44 65
Iron and Steel	140	23 14	56 40	25 10
General and electrical engineering	1,657	29,34	98,14	22,80
Sugar	201	14,71	79,30	21,47
Chemicals	233	13,38	31,73	13,91
Vegetable oils	979	17,70	123,81	5,40
Cement	14	7,99	13,20	5,27
Paper and paper board	37	9 73	13 03	4,92
Woollen textiles	39	1 45	11,17	4,16
Aluminium, copper and brass	232	6,32	23 38	3,39
Soap	48	2,31	13 76	3,35
Matches	46	97	6,53	3,17
Electric fans	30	95	3,56	2,21
Paints and varnishes	39	1,23	5,96	2 09
Biscuit making	75	1,26	5,72	2,08
Ceramics	53	1 93	3,44	1,90
Glass and glassware	117	2 95	4,40	1,78
Tanning	81	85	8 53	1,50
Wheat flour	71	1,91	19,07	1,25
Bicycles	22	61	1,75	92
Distilleries and breweries	41	1,54	2 25	86
Rice milling	1,365	5,92	44,35	76
Plywood and tea chests	32	94	1,66	60
Sewing machines	6	47	90	47
Fruit and vegetable processing	21	60	1,32	43
Electric lamps	8	88	95	41
Starch	22	27	75	15
TOTAL	6,323	235,38	989,73	270,18

INDUSTRIAL CAPACITY AND PRODUCTION

Industry	No of Units	1952	
		Installed capacity	Production
CAPITAL GOODS			
Agricultural Implements	67	25 476 tons	16,000 tons
Boilers			
a) Industrial	1	20 nos	6 nos
b) Locomotive	1	96 ,,	41 ,,
Diesel Engines	12	6 324 ,,	4,248 ,,
Machine Tools	17	Rs 1 crore worth of machine tools	Rs 44,37 600 worth of machine tools
Power driven pumps	20	43 200 nos	32,400 nos
Piston Rings	1	1,800,000 ,,	1,425,519 ,,
Portable Air Conditioners	2	600 ,,	413 ,,
Refrigerators (Domestic)	2	3,600 ,,	600
Sewing Machines	2	41,496 ,,	50,040 ,,
Small Tools (Twiss Drill, Reamers, Cutters, Taps and Dies and Files)	17	2,460,700 ,,	906,819 ,,*
Textile Machinery			
a) Ring spinning frames	2	396 ,,	288 ,,
b) Looms (Plain Calico)	2	4,200 ,,	1 344
c) Carding Engines	1	600	108
d) Grinding wheels		11,19,600 lb	8 65,200 lb
CERAMICS			
White wares	55	16,872 tons	9 060 tons
Sanitary wares	—	2 544 ,,	432 ,,
Stone wares	—	51,600 ,,	33 600
Glazed tiles	—	8,70,000 dozs	3,45 600 dozs
Refractories	—	2,90,400 tons	2,43,600 tons
Insulators (H T)	—	5,12,400 nos	3,25,200 nos
Insulators (L T)	—	60,68,400 ,,	30,78,000 ,,
CHEMICALS			
Sulphuric acid	45	191,976 tons	96,072 tons
Ammonium sulphate	7	432,168 ,,	220 308 ,,
Caustic soda	10	34,944 ,,	17 064 ,,
Soda ash	2	54,000 ,,	44,328 ,,
Superphosphate	15	197,784 ,,	46,656 ,,
Chlorine liquid	6	13,512 ,,	6,240 ,,
Bleaching powder	3	7,800 ,,	792 ,,
Bichromates	9	5,916 ,,	1 464 ,,
Copper sulphate	11	1,944 ,,	336 ,,
Crude coal tar	10	92,500 ,,	103,000
Benzol motor spirit	3	1,713,600 gals	1,317,400 gals
Benzene	2	88 500 ,,	37 200 ,,
Toluene	3	309,500 ,,	288,400 ,,
Solvent naptha	3	—	107 600
Coal tar distillation	5	70,000 tons	61,200 tons (distilled)
Light creosote	4	—	150,000 gals
Pitch	4	—	2 500 tons
Road tars	4	—	42,000 ,,
Napthalene	5	950 tons	700 ,,
Glycerine (80 per cent) crude	7	7,200 ,,	5,200 ,,
Glycerine refined	6	3,500 ,,	2 300
Calcium lactate	3	237,400 lb	67,400 lb
Bromides	1	120 tons	38 tons
Phthalic anhydride	1	60 ,,	13
Carbon di sulphide	5	2,100 ,,	1,220 ,,
Stearic acid	3	1 400 ,,	270 ,,
Sodium sulphite	2	370	210 ,,
Sodium bisulphite	2	600 ,,	290 ,,
Sodium thiosulphate	4	1,890 ,,	630 ,,
Hydro-quinone	2	21 ,,	4
Benzene hexachloride	1	500 ,,	70 ,,
CIGARETTES	20	18,000 mn	21,000 mn
COSMETICS			
Tooth powder	3	767 000 lb	327 000 lb
Tooth paste	7	3,500,000 ,,	1 348 000 ,,
Toilet powder (other than face powder)	6	3,316 000 ,,	985,000
Face powder	6	1,596,000 ,,	1 113 000
Face cream	9	1,773,000 ,,	627,000
DRUGS			
Caffeine	2	20,000 ,,	5,998 ,,
Strychnine	1	15,600 ,,	12,494
Shark liver oil	—	26,333 gals	19,244 gals
Galenicals	44	1,188,580 ,,	651,964 ,,
Lever extracts (i) oral	17	1,460,000 lb	311,931 lb
(ii) injectible	17	23,800,000 c c	10,816,514 c c
Sulphapyridine	1	135,000 lb	14,207 lb
Sulphadiazine	2	205,920 ,,	47,645 ,,

* Estimate.

Industry	No of Units	1952 Installed capacity	1952 Production
DRUGS *contd*			
Sulphathiazole	2	340 920 lb	18 614 lb
Nikethamide	3	2 400 ,,	607 ,,
DYESTUFFS			
Sulphur black	1	780 000 ,,	17,521 ,,
Azo dyes	1	2,059 200	59 947 ,,
Stabilised Azoics	5	428 880	46 113 ,,
Solubilised vats	1	28,800 ,,	6,136 ,,
ELECTRICAL			
A C S R Conductor	2	4,500 tons	2,381 tons
Cables & wires			
a) Bare copper conductors	2	19 992	5 928 ,,
b) Winding wires	2	156	396
c) Rubber insulated cables and flexibles	2	45 000 000 yd	32,880 000 yd
Dry cells	4	196 560 000 nos	130 200 000 nos
Conduit pipes	7	7,560 000 ft	3 694,800 ft
Electric motors	12	200 400 H P	157 200 H P
Electric lamps	11	26 004 000 nos	20 880 000 nos
Electric fans	18	294 000	195 600
Electrical steel sheets	1	4 500 tons	5,183 tons
House service meters	4	185 004 nos	39 792 nos
Radio receivers	15	153 096 ,,	71 496
Welding Electrodes	2	61,000 000 ft	49 836 018 ft
Storage battery	14	350 400 nos	158 400 nos
Power transformers	7	303 000 KVA	214,500 KVA
Domestic refrigerators	—	3 600 nos	600 nos
ENAMEL WARE	21	30,000,000 pcs	7,690,000 pcs
ENGINEERING			
Abrasives	4	80 400 reams	55 200 reams
Bolts Nuts Rivets and Dogsspikes	12	30 148 tons	16 085 tons
Building and hardware fittings (Hinges, Tower Bolts, Hasps, Staples, etc)	18	4 888	1 725
Ball Bearings	1	600 000 nos	416 769 nos
Expanded Metals	4	2 940 tons	2 017 tons
Steel Belt Lacing	3	228 000 boxes	96 837 boxes
Steel Furniture	18	30 988 tons	7 215 tons
Stoves (Kerosene oil pressure)	9	111,000 nos	25 575 nos *
Steel Castings	10	27 000 tons	5 253 tons*
Shafting	4	3 540	228 ,,*
Steel tubes	10	20,700	226 ,,
Steel structures	71	118,952 ,,	29,120 ,,
Machine screws	—	1,329 600 gross nos	530,000 gross nos
Twist drills	—	1,428 000 nos	775 200 nos
Woodscrews	17	3,316,100 gross	1,303 441 gross
a) Wire Gauze	6	1 314 tons	470 05 tons*
b) Wire Netting	3	684 ,,	148 30 ,,*
c) Chain Link Fencing	2	600	117 50 ,,
Zip Fasteners	1	900,000 ft	28 023 ft
Cement	23	3,795 600 tons	3,537,600 tons
ESSENTIAL OILS			
Sandalwood Oil	9	334,400 lb	59,262 lbs
Orange oil	2	13,980 ,,	291 ,,
Geranium oil	2	4 200 ,,	1 083 ,,
Clove oil	2	13,200 ,,	—
Thymol crystal	1	16 800 ,,	2,118 ,,
Thyme oil	—	19,200 ,,	2,640 ,,
FOOD INDUSTRIES			
Biscuits	129	39 920 tons	12,321 tons
Confectionary	61	52,797 ,,	10,004 ,,
Oil Milling (large units)	300	578 688 ,,	164,763 ,,
Flour milling	52	1,464,000 ,,	512,400 ,,
Cashew kernel	60	53,000 ,,	26,523 ,,
GLASS	109	—	—
Sheet glass	—	44,400,000 sq ft	9,043,200 sq ft
Laboratory glass	—	6,072 tons	1,476 tons
Glass shells	—	21,600,000 pieces	16,680,000 pieces
Other glassware	—	167,748 tons	85,368 tons
INDUSTRIAL ALCOHOL			
Rectified spirit	—	11,640 000 gals	4,632,000 gals.
Denatured spirit	—	—	2,148,000 ,,
LEATHER			
Vegetable tanned buffalo and cow hides	25	3,112,200 pcs (expressed in terms of cow hides—2 cow hides are taken as equivalent to one buffalo hide)	1,489,717 pcs

* Estimate

Industry	No of Units	1952	
		Installed capacity	Production
LEATHER -*contd*			
Chrome tanned hides	16	1,976,400 hides	654,606 hides
Western type leather footwear	9	4,724,400 prs	3,367,200 prs
Indigenous type of leather footwear	9	Capacity varies with demand	1,806,000 prs
MATCHES	—	705,600 cases	608,400 cases
METALS			
Non ferrous alloys such as white metals anti friction, bearing metals solder, gun metals, bronze, type metals, etc	13	68 000 tons	7,650 tons
Semi manufactures			
a) Brass and copper sheets strips and circles	14	48,000 ,,	9,185 ,,
b) Aluminium sheets, circles and strips	8	8 000 ,,	4 962 ,,
c) Lead sheets	2	2 800	43 ,,
d) Zinc sheets	1	300 ,,	18 6 ,,
e) Electrolytic black copper rods	1	24 000 ,,	6,344 ,,
f) Brass and copper wires for non electrical purposes	4	2 150 ,,	3,771 ,,
g) Brass and copper rods (including arsenical copper rods, bars and sections etc)	4	3 500 ,,	732 ,,
h) Aluminium wires for ACSR	4	2,500 ,,	2 022* ,,
i) Aluminium foils	1	1,108 ,,	582 13 ,,
j) Brass copper pipes and tubes	1	360 ,,	39 ,,
k) Lead pipes	3	4 800 ,,	322 ,,
(*b*) Virgin metals			
a) Aluminium	2	3,999 6 tons	3 566 ,,
b) Copper	1	7,200 ,,	6 079 ,,
c) Lead	1	6 000 ,,	1 132 ,,
d) Antimony	1	700	181 ,,
MISCELLANEOUS			
Asbestos cement sheets	5	117,000 tons	87,600 tons
Belting	6	1,220	710
Crown corks	7	3,552 000 grs	2,289,361 grs
Clocks	4	51,636 nos	12 575 nos
Duplicators	3	4 800 ,,	1 020 ,,
Fire extinguishers	3	63,000 ,,	20 296 ,,
Grinding wheels	1	500 tons	386 tons
Gramophone needles	1	460 mn nos	2 795 mn
Gramophones	1	21 000 nos	10,156 nos
Hurricane lanterns	12	4,410,000 ,,	3,523 200 ,,
Incandescent lamps	7	82 200 ,,	33,004 ,,
Razor blades	5	200 400 000 ,,	10 800,000 ,,
Refractories	25	290,399 tons	243 602 tons
Umbrella ribs	4	16 5 000 doz sets	120,329 doz sets
Mathematical Instruments (Geometry boxes only)	5	37 800 gross sets	7,449 gross sets
Oil pressure lamps	—	82,800 nos	34,800 nos
PAINTS AND VARNISHES	57	64,800 tons	33,172 tons
PAPER			
Paper and Pasteboard	19	147,504 tons	137 436 tons
Printing and writing	—	—	91 356 ,,
Wrapping paper	—	—	21,300 ,,
Special varieties	—	—	2 820 ,,
Boards	—	—	21,720 ,,
PLASTICS			
a) Injection moulding	40	—	1,560,000 gross
b) Compression moulding		—	
P V C plastic coated cables, wires and flexibles	2	—	3 600 000 yd
Leather cloth	6	3,280,000 yd	930 000 ,,
Bakelite Moulding Powder	3	800 tons	296 tons
Plywood	73	171,140,000 sq ft	87,094,916 sq ft
POWER ALCOHOL	19	10,920,000 gals	7,742,400 gals
RAYON Viscose yarn	—	10,000,000 lb	7,840,000 lb
RUBBER			
Automobile tyres	2	945 600 nos	724 450 nos
Automobile tubes	2	944,600 ,,	658 750 ,,
Bicycle tyres	5	5,533,970 ,,	4,137,800 ,,
Bicycle tubes	5	7,844 000 ,,	4,180,450 ,,
Tractor tyres	—	9 804	3,852 ,,
Tractor tubes	—	9 804 ,,	5,484 ,,
Aero tyres	—	8 100 ,,	684 ,,
Aero tubes	—	8,100 ,,	984 ,,
Rubber footwear	20	35,523,000 prs	22,250,700 prs
Rubber springs	4	1,761,000 nos	1,179,500 nos
Rubber Hoses (except Vacuum and Radiator)	11	6 949,250 ft	3,550,750 ft
Fan belts	4	516 800 nos	567,700 nos

* Estimate

Industry	No of Units	1952	
		Installed capacity	Production
RUBBER *contd*			
Dipped rubber goods	16	3,082,000 doz	14,539,699 doz
Radiator hoses	8	409 750 nos	148,000 nos
Vacuum brake hoses	3	1,110 000	441 600 ,,
Foam sponge rubber	2	753 000 lb	629,900 lb
SCIENTIFIC INSTRUMENTS	25	1 03 00 000 Rs	57,54,000 Rs
SOAP	66	193 500 tons	86,376 tons
TRANSPORT			
Automobiles	12	70 704 nos	6 948 cars 8 340 trucks
Bicycles	6	120 000 ,,	196 956 nos Rs 8 247,600 (worth of spare parts)

PRICES IN 1952-53

Food articles declined by 10 per cent semi manufactures by 8 per cent, manufactures by 6 per cent and miscellaneous by 15 per cent

The average for cereals fell by 7 per cent to 444 over the year but wheat moved up almost without interruption Jowar after rising from 216 in April to 225 in July, fell to 177 in October and closed the year at 207 Pulses after a decline from 436 in April to 412 in May, advanced steadily reaching the highest level of 611 in February and closing at 507

Other food articles declined by 19 per cent to 223 mainly as a result of lower prices of tea, sugar and gur Coffee was, however, dearer

The average for fibres fell by 32 per cent to 423 during the year Cotton, which steeply declined to 367 in March 1952, recovered steadily to 466 in September and wound up the year at 446 Raw jute witnessed almost a continuous decline touching the bottom at 364 at the close of the year Raw silk and wool opened at 364 and 307 and closed at 500 and 595 respectively

Minerals advanced by 4 per cent owing to higher export prices of manganese and iron ores but other items registered a heavy fall of 31 per cent to 333 as a result of a further fall in raw hides and lac Rubber was placed higher under Government orders with effect from October 27

Among semi manufactures leather improved to 437 at the close of the year after touching the lowest level of 257 in April The average for the year was however 9 per cent lower at 367 than the preceding year s average The price of mineral oils rose but vegetable oils averaging 446 showed a fall of 20 per cent over 1951-52 Cotton yarn moved down from 498 to 446 and the yearly average was 9 per cent below the preceding year s average Metals rose by 8 per cent because of the rise in the prices of pig iron and semis Copper was firm but zinc ruled weak Timber moved down rather sharply from 234 at the beginning of the year to 179 at the close

A fall of 10 per cent was noted under textiles Jute manufactures moved down from 548 in April 1952 to 419 in August and after a tempo rary rise in the following two months, closed at 376 Cotton manufactures were down by 2 per cent over 1951 52 at 400 Ravon and silk ruled firm in the first quarter but the subsequent trend was downward The average for woollen manu factures was lower at 323 as compared with 394 in 1951 52 The average for metal products, on the other hand, appreciated by 13 per cent to 330 mainly on account of higher steel prices

The miscellaneous group showed a fall of 15 per cent to 614 Vanaspati prices were reduced and eventually decontrolled in June 1952 Pepper black advanced from 2,077 in April 1952 to 3,284 in October but had a set back in the following two months after which prices again moved up Chillies turmeric and cummin were placed lower After the March slump, cashewnuts more than regained the ground but from October they displayed weakness, the index standing at 554 at the close as compared with 562 in March 1952 Tobacco leaf stood at 818 at the close against 902 at the beginning of April 1952

During 1952 53 Government adapted their price control policy to the changing conditions of demand and supply Price controls were either relaxed or removed on a number of consumer goods On the other hand, price increases were permitted in respect of pig iron, steel and rubber. The floor prices of cotton were also raised by Rs 55

On September 25 1952 the Government removed the price and distribution controls over sugar of the 1952 53 season and also reduced the minimum price of sugarcane With effect from May 1, 1952 the price of imported milo was reduced by Rs 2 to Rs 13 per maund and that of imported wheat by a rupee to Rs 17 8 per maund as from March 1, 1953

The following table gives the price trend

(Year ended August 1939=100)

Average of Weeks	Food Articles	Industrial Raw Materials	Semi manufactured Articles	Manufactured Articles	Miscellaneous Articles	General Index
1947-48	306 1	377 5	261 6	286 4	456 2	308 2
1948-49	382 9	444 8	327 3	346 1	525 2	376 2
1949 50	391 3	471 7	331 6	347 2	570 7	385 4
1950 51	416 4	523 1	348 9	354 2	707 4	409 7
1951-52	398 6	591 9	374 4	401 5	721 6	434 6
1952 53	357 8	436 9	343 8	371 8	614 1	380 6
June 53	398 7	481 0	363 5	370 1	674 5	405 4

REVIEW OF PRICES FROM 1939

The outbreak of the Second World War in September 1939 introduced a new chapter in the history of Indian commodity prices After an initial rise the prices received a sharp setback following the loss of export markets, but the entry of Japan into the war made heavy calls on India s resources from the Allies and the resultant rise in note circulation aggravated inflationary pressures and the pace of the rise The index number of wholesale prices, with the week ended August 19, 1939 equal to 100, rose to 125 6 in 1939 40 but receded in the following year by 10 8 to 114 8 Since then it advanced by 19 per cent to 137 0 in 1941-42, further by 25 per cent to 171 0 in 1942 43 and recorded the highest rise of 38 per cent in any one year during 1943 44 when it touched 236 4 During 1944 45 the price index advanced by only 7 8 to 244 2 and reached 244 9 in the following year It was during 1946 47 that the policy of decontrol sent up the general price index by about 11 per cent to 270 4 and further to 307 0 in 1947 48

Price trends during 1948 49 fell into two distinct phases—a continued rise from April to July and a comparative stability during the rest of the year, with signs of a downward trend in the last quarter of the year The latter phase was associated with the reimposition of controls, and a net contraction of Rs 18 crores in money supply during the last eight months of the year The general index num ber, with the year ended August 1939 as the base, shot up from 347 9 to 389 6 by July and then tap ered off to 370 2, the average for the year being 376 2 revealing a rise of 22 per cent over the year

With the opening of the financial year of 1949, the prices began to advance upward till the Economic Adviser's general index, which stood at 370 2 in March 1949, touched 389 8 in September 1949 which exceeded the post-decontrol peak level reached in July 1948 and climbed to 393 3 in October 1949 The jump resulted in part from a sharp rise in the prices of certain export goods, in particular, tea, black pepper, oils and oil seeds Following the devaluation of the rupee the Government of India adopted an eight-point anti-inflationary programme including a voluntary cut in the prices of manufactured goods and brought down the price index from 393 3 in October to 381 3 in December 1949 These efforts, however, proved temporary and practically the whole of the improvement of the preceding two months was lost by the close of March 1950, the general index moving up to 392 4 in March The average for the year worked out at 385 4 as against 376 2 in 1948 49

The uptrend in the general price level noticed during the closing quarter of 1949-50 gathered further momentum in the following year, particularly in the latter half The continuation of the gradual rise in prices since devaluation was accelerated with the outbreak of the Korean war and prices reached a peak at 438 6 in March 1951 recording a rise of 11 8 per cent over the year as against a rise of 6 0 per cent in 1949 50 The rise was, however, less marked than that in the U K and the U S where the increase was as much as 27 4 per cent and 20 3 per cent respectively

To meet the situation, the Finance Minister enunciated in August 1950 an eight point programme outlining the major objectives of Government s economic and financial policy, which envisaged measures to hold the price line and to ensure, through increased production, economies and larger supplies, that the inflationary pressures did not get out of hand Steps were taken to relax import controls and prevent hoarding of foodgrains through the amendment of the Essential Supplies (Temporary Powers) Act, 1946 The Centre also assumed powers to legislate for one year from August 15 1950 in respect of trade and commerce and production supply and distribution of goods and these were extended later by another year This was followed by the promulgation of the Supply and Price of Goods Ordinance As an anti inflation measure and in view of the wide disparity between the internal and external prices fresh export duties on certain commodities were levied or the rates of existing duties were raised as in the case of hessian, sacking, raw cotton, cotton waste and raw wool

These measures had in part a steadying effect on the general trend of prices the months of October and November registering a decline Thereafter the prices resumed an upward trend which became pronounced following the Chinese intervention in the Korean war and touched a high level at 438 6 in March 1951 The prolongation of the Korean war, rising import prices, heavy export commitments and higher prices granted by Government in a number of controlled commodities like sugar, sugarcane, gur, food grains, cotton textiles and rubber, contributed to the uptrend in prices, it also embodied the result of the decontrol of prices of raw jute and jute manufactures on March 9, 1951 In December 1950 Government increased the prices of sugarcane and sugar from Rs 1 10 and Rs 28 8 per maund respectively fixed earlier in October at the preceding season s level to Rs 1 12 and Rs 29 12 Gur prices were raised further and the pool price of imported food was raised in January because of a rise in overseas prices and freight charges The rise in import prices of raw cotton and the grant of an increase of Rs 150 per candy for indigenous cotton for the 1950 51 cotton season was announced on June 16, 1950 but its effect by way of higher prices for cotton manufactures was noted only in the closing stages of the year under review

During the first quarter of 1951, the prices of coarse medium, fine and superfine cloth were raised by anything between 6 per cent in the case of superfine and 17½ per cent in the case of coarse varieties The voluntary cut of four per cent in yarn prices was restored on March 5 An interim increase in the price of raw rubber from Rs 90 8 to Rs 122-8 per 100 lb was granted with effect from March 7, 1951

The fight against inflation in the financial year 1951 52 was greatly assisted by three factors The first was the budget which aimed at a substantial revenue surplus and sought to finance the railway development by raising passenger fares Since then, the surplus estimated at Rs 26 1 crores in the budget has been revised upward to Rs 92 61 crores This substantial transfer of purchasing power from the hands of the public to the exchequer helped to hold inflation in check Secondly, the sale proceeds of the wheat obtained from the American loan have also had the same effect of reducing the money supply in the hands of the public

Another important step was taken in the middle of November 1951 by the raising of the Bank Rate from three per cent at which it stood from November 1935 to 3½ per cent The third factor was of an international character following the economic difficulties caused by the burden of the re armament drive, country after country led by the United Kingdom imposed import restrictions, while the United States had to prune defence expenditure because of the danger of inflation

As a result of the above factors, the general price index steadily sagged from 457 5, the all time peak level touched in April 1951 to 433 1 in the last month of 1951 Though overseas food prices ruled remarkably firm, the Indian food prices dropped by 2½ per cent and those of industrial raw materials dropped by more than 12 per cent By the time the new year opened, exports proved difficult owing to buyers resistance, while the monetary squeeze had rendered hoarding difficult despite credit expansion Conditions deteriorated in February when the crop movement was in full swing and the general price index fell further to 415 9 thereby wiping out the advance of the past 13 months

INDEX NUMBERS OF INDUSTRIAL PRODUCTION

Year	Electric consumption	Coal despatches	Finished steel	Cement	Cotton piece goods	Jute goods
1948 *average*	99	99	99	96	98	103
1949 ,,	103	113	110	131	87	90
1950 ,,	106	114	114	162	82	81
1951	126	125	122	190	92	86
1952	134	133	125	221	104	93
1953 Jan	142	136	119	220	113	86
Feb	132	121	114	200	103	81
Mar	136	138	112	221	107	87
Apr	138	132	103	213	113	87
May	142	133	101	242	114	86
June	140	126	97	239	112	86
July	152	129	102	257	117	92
Aug	151	129	102	229	113	80
Sept	150	133	104	231	110	86
Oct	150	139	128	246	110	79
Nov	145	131		252	99	81
Dec					113	93

INDEX NUMBERS OF WHOLESALE PRICES.

Aug 1939 = 100

Year	Food	Industrial raw materials	Semi manufactures	Manufactures	Miscellaneous	All commodities
1948 *average*	374	431	317	341	504	367 1
1949 ,,	389	464	328	344	546	381 1
1950 ,,	410	503	341	348	683	400 7
1951 ,,	410	608	378	396	730	439 3
1952 ,,	380	454	347	378	636	386 9
1953 ,,	381	460	356	367	662	393 9
Jan	357	428	344	366	620	377 5
Feb	362	440	347	368	595	381 5
Mar	365	453	350	369	586	385 2
Apr	366	449	352	366	602	384 9
May	382	477	360	370	620	397 4
June	399	481	363	370	675	405 4
July	406	481	365	367	699	407 7
Aug	407	489	365	371	706	410 4
Sep	399	475	364	364	717	403 8
Oct	386	448	353	365	722	393 6
Nov	378	441	356	366	715	390 6
Dec	367	459	357	364	712	389 4

IMPORT AND EXPORT TRADE

Total foreign trade (1952 53)	Rs	1,293,73 lakhs
Imports (total)	Rs	658,11 ,,
Exports (total)	Rs	575,62 ,,
Re exports	Rs	5,74 ,,
Imports across land frontier only	Rs	25,16 ,,
Exports across land frontier only	Rs	18,84 ,,

India is essentially an agricultural country with farming regarded by the people as a tradition rather than as business During the past 30 years the tendency is, however towards rapid industrialisation This change has been noticeable in the course of foreign trade especially in the post partition period In 1920 21 finished goods represented 84 per cent of imports while exports of raw materials accounted for 45 per cent of the total shipments In the quinquennium ended 1929 30 imports of raw materials hardly represented 9 3 per cent of the total while exports of raw materials were as high as 49 5 per cent of the shipments By 1950 51 the share of raw materials under imports rose to 35 1 per cent while that under imports dropped to 20 8 per cent The emphasis on higher industrial production during the intervening period was responsible for reducing the import of manufactured goods from 72 6 per cent of the total imports in the five years ended 1929 30 to 45 7 per cent in 1950 51, while the share of finished goods in the export trade rose from 26 6 per cent to 55 per cent

India's foreign trade (sea-borne air borne and land borne) amounted to Rs 1 293 73 crores in 1952 53, as compared with Rs 1 675 85 crores in 1951 52 and Rs 1 224 71 crores in 1950 51

Imports in 1951 52 included about Rs 100 crores worth of foodgrains from the U S A by way of loan and did not raise any payments problem and there was consequently no need to draw on sterling balances for the period July 1951–June 1952 In 1952 53 also the releases made from sterling balances were not drawn upon

General Indices of Exports and Imports (1948-49 = 100)

——	1950 51	1951 52	1952 53
Quantity Index			
Exports	110	89	94
Imports	83	108	74
Price Index			
Exports	129	178	116
Imports	106	147	128

Trade from 1948-52*

The following table shows the values in Rs lakhs of the total import and export trade of India from 1948 to 1952 The total includes trade across the land frontiers too

	Imports	Exports	Balance
1948 49	671 64	453 70	217 94
1949 50	642 89	513 23	– 129 66
1950 51	623 96	624 63	+67
1951 52	943 29	742 70	59
1952 53	658 11	575 62	– 82 49

The following table shows the values in Rs lakhs of the import and export trade of India across the land frontiers only from 1948 to 1952

	Imports	Exports	Balance
1948-49	58 00	30 39	– 27 61
1949–50	33 71	27 90	– 5 81
1950–51	42 79	17 82	–24 97
1951–52	80 44	27 14	–53 31
1952 53	25 16	18 84	–6 32

COMPOSITION OF TRADE

The table below gives the composition of India's imports and exports (including re exports) according to the main commodity groups since 1948 49 —

Imports

——	1948 49		1949 50		1950 51		1951 52		1952 53	
	Rs crores	% of total	Rs crores	% of total	Rs crores	% of total	Rs crores	% of total	Rs crores	% of total
Food etc	112 95	20 8	122 76	21 8	110 61	19 03	262 05	30 37	175 64	27 75
Raw materials	127 65	23 5	144 30	25 7	198 81	34 21	254 06	29 44	179 01	28 28
Manufactured Goods	297 75	54 9	288 66	51 5	269 54	46 38	341 38	39 56	274 00	43 29

Exports (including re-exports)

Food etc	87 55	20 6	117 76	24 3	136 26	22 45	158 42	22 14	142 58	25 60
Raw materials	98 59	23 0	111 86	23 1	149 23	24 58	148 84	20 80	147 11	26 42
Manufactured Goods	235 66	55 7	253 38	52 4	318 70	52 52	404 55	56 53	262 99	47 23

* See table on p 165 for later figures

TRADE IN PRINCIPAL COMMODITIES DURING 1952-53*

(Rupees in lakhs)

IMPORTS			Commodities	EXPORTS		
Dollar Area	Others (excluding Pakistan)	Total		Dollar Area	Others (excluding Pakistan)	Total
—	9 30	9 30	Fruits and Vegetables	9 97	5 59	15,56
97 99	51 73	152 72	Grain, Pulse and Flour	Insignificant		
22	5 48	5 70	Provisions and oilman's stores			
--	3 77	3,77	Spices	11 46	8 80	20 26
1,38	42	1 80	Tobacco	—	12 84	12 84
2	1 87	1,89	Others	5	11 44	11 49
Insignificant			Tea	10 20	69 97	80 17
99 61	75 57	175 18	Total for the Group I	31 68	108 04	140 32
1 98	5 07	7 05	Other non metallic mining and quarry products etc	4 59	5 27	9 86
20,52	61 26	81 78	Oils—vegetable mineral and animal	5,97	18 94	24 91
37 28	39 39	76 67	Cotton raw and waste	2 97	25 89	28 86
-	66	66	Wool raw and waste	2 86	5 56	8 42
Insignificant			Gums Resins and Lac	4 51	3 72	8 23
			Hides and Skin, raw	3 00	2,69	5 69
			Metallic ores	14 57	22 42	36,99
			Seeds	1 55	3 00	4 55
1,00	11 72	12 72	Others	1 60	14 25	15 85
60,78	118 10	178 88	Total for the Group II	41 62	101 74	143 36

* For other commodities see end of article

DIRECTION OF SEA-BORNE TRADE

Country wise the United Kingdom enjoyed a key position till the First Great War when three fifths of the imports and one third of the exports originated from that country By the time the world depression set in, her share in imports was reduced to 38 per cent but that under exports remained almost unchanged In the five years preceding the outbreak of the second World War Britain's overall share in India's foreign trade dropped to 32 per cent and this trend gained a fresh momentum in the post war period during which the United Kingdom was pre occupied with problems of rehabilitation In 1950 51 Britain supplied only one fifth of India's total imports

The broad pattern of the direction of trade in 1952 53 remained more or less the same as in the previous year with the U S and the U K as the principal customers as well as sources of supply While the U K 's share in imports rose from 16 8 per cent in 1951 52 to 21 1 per cent the U S maintained its dominating position by accounting for 27 6 per cent of imports On the export side, the U K was the best customer despite the decline in her share from 25 8 per cent in 1951 52 to 21 3 per cent in the following year but that of the U S rose from 17 8 per cent to 19 5 per cent The following are the details —

(Rupees in lakhs)

Country	1950 51			1951-52			1952 53		
	Imports	Exports	Balance	Imports	Exports	Balance	Imports	Exports	Balance
COMMONWEALTH	255 58	299 08	+ 43,50	288 63	365,21	+ 76,58	252,65	261 90	+ 9 25
United Kingdom	131 40	135 16	+ 3 76	158 13	187,82	+ 29 69	138 58	121 76	— 16 82
Pakistan	4 64	13 40	+ 8 76	10 54	19 00	+ 8,46	65 19	13 67	— 51 52
Bahrein Islands	6 96	1 13	— 5 83	10,92	1 36	— 9,56	18,47	1,76	— 16,71
Ceylon	4 53	19 25	+ 14 72	5 60	16 50	+ 10 90	4 29	19 28	+ 14 99
Singapore	15 85	30 56	+ 14 71	17,86	11 89	— 5 97	12 57	15 44	+ 2,87
Kenya Colony	18 52	6 38	— 12 14	18,60	8 83	— 9,77	20 57	6 54	— 14 03
Canada	21 01	13 65	7 36	18 81	16 24	— 2,57	29 31	12 82	— 16,49
Australia	33,45	29,96	— 3,49	17 61	46 62	+ 29,01	12 73	16 95	+ 4 22
Hongkong	2 31	10,06	+ 7,75	1 99	5,10	+ 3 11	1,16	6,41	+ 5,25
Tanganyika	2 11	2 09	— 12	2 17	2 62	+ 45	1,98	3,67	+ 1,69
Anglo Egyptian Sudan	7,49	4 09	— 3,40	14 30	7 72	— 6,58	3 99	6,14	+ 2,15
FOREIGN COUNTRIES	325,59	279,90	— 45,69	574,22	336,60	— 237,62	380,31	289 14	— 91,17
U S A	117,87	110,14	— 7 73	288 70	130,11	— 158,59	181,37	111,04	— 70,33
Burma	18,80	22 09	+ 3 19	23,34	19 55	— 3,79	26 43	22,03	— 4,40
Germany, Western	10,29	8 87	— 1,42	28 27	8,66	— 19,61	22 28	12 35	+ 6,07
Japan	10 11	9,76	— 35	24,65	14,27	— 10 38	15 82	31 07	+ 15,25
China	68	3,46	+ 2,78	15,89	6 77	— 9,22	13,03	39	— 12,64
Saudi Arabia	87	2 01	+ 1,14	10,04	1,85	— 8,19	14 73	2,97	— 11,76
France	11,07	6,45	— 4,62	10,72	10 45	— 27	12 87	5,58	— 7 29
Switzerland	7 61	2 11	— 5,50	9 94	2 05	— 7,89	6 95	59	— 6 36
Netherlands	6,68	9 55	+ 2 87	10 92	7 73	— 3 19	10 60	10 04	— 56
Sweden	5,28	2 42	— 2 86	7 47	2 41	— 5 06	5 66	1,81	— 3,85
Belgium	9 04	7 81	— 1 23	9 52	7 70	— 1 82	5 67	6,58	+ 91
Thailand	8,15	4,76	3 39	11 64	8 72	— 2 92	7 72	4 26	— 3,46
Norway	2,23	1,30	— 93	4 58	1,60	— 1,98	2 79	88	— 1 91
Egypt	32,87	5 74	— 27,13	40 49	6 35	— 34 14	15,12	5,70	— 9,42
Belgian Congo	1,07	34	— 73	17	62	+ 45	2,05	38	— 1 67
Mozambique	4,44	52	— 3 92	3 42	92	— 2 50	5 95	93	— 5,02
Iraq	4,29	2 85	— 1 44	3 61	3,13	— 48	2 05	2 07	+ 2
Iran	37 00	5 97	— 31 03	28 90	4 15	— 24 75	2 50	2 07	— 43
TOTAL	581,17	578 98	— 2 19	862,84	701 80	— 161,04	632 95	551,04	— 81,91

IMPORTS BY CUSTOMS ZONES

The following table shows the value in Rs of the imports for 1952 53 by customs zones

Merchandise	
West Bengal	180,08,79,806
Madras	84,53 80,895
Travancore Cochin	28 53 267
Cochin Port	39,44,44,341
Bombay	316 71 49 522
Saurashtra Okha, and Kutch	11 56 19,667
Delhi air ports	92,09 583
Total of merchandise	632,95 37,131
Treasure (gold, gold coin)	
West Bengal	9 599
Cochin Port	20,18 15 698
Delhi air ports	23,79 106
Total Treasure	20 42 04,403
Total of imports	653 37 41,534

EXPORTS BY CUSTOMS ZONES

The following table shows the value in Rs of the exports of merchandise by customs zones

——	Indian	Indian and foreign
West Bengal	264 29,91 331	267,78 38,126
Madras	83,80,96,196	83,96,69,918
Travancore Cochin	5 09,29 039	5,09,29,039
Cochin Port	45 63 89,767	45 63,93 820
Bombay	147 89 96 436	149,99,79,447
Saurashtra, Okha Kutch	3 72 52 221	3 72 52 221
Delhi air ports	57 81 950	57,83 800
Total	551 04 36 940	556 78,46 371

The following table shows the value in Rs of the export of treasure

West Bengal	15,26 750
Madras	1,41,24,460
Bombay	3,22 427
Delhi air ports	19,53,937
Total treasure	1,79,27,547
Total of exports	558,57 73,945

FOREIGN TRADE BY LAND

(Rupees in lakhs)

Country	1951 52			1952 53		
	Imports	Exports	Balance	Imports	Exports	Balance
Pakistan	76 06	26 26*	— 50,70	21,23*	17 44*	— 3,79
Afghanistan	3,44	83	— 2,61	3,90	1,37	— 2,53
Iran	3	-	— 3	-	-	—
Burma	1	4	+ 3	3	3	—
Total	80 44	27,14*	+ 53 30	25 16	18 84	— 6,32

* Provisional

IMPORT AND EXPORT CONTROL

Import trade control was first instituted in May 1940 for conserving the limited tonnage and the hard currency In the post war period, currency difficulties, the prospects of release of sterling balances and the Government s view on inflation were the guiding principles In July 1950 following the recommendations of the Import Control Inquiry Committee, the Government decided that from the beginning of 1951 (*i*) commercial imports should be annually around Rs 400 crores (*ii*) the O G L should cover basic raw materials in short supply and exclude commodities sufficiently available in the country at a reasonable price (*iii*) the actual licensing should be decentralised and the period should be half year, and that (*iv*) the order of priorities for imports should be (*a*) raw materials and spares for industries essential for the life of the community, (*b*) other raw materials and capital goods, (*c*) other essential goods and (*d*) non essential goods

The more recent changes in the policy are detailed below —

Broad features of the import policy for July-December 1952 were unchanged but 50 items were transferred from the Dollar O G L to soft currency O G L and import quotas for the dollar area were cut On September 5, 1952 certain imports from Pakistan were placed on O G L up to March 1953 The policy for the first half of 1953 remained unchanged for 70 per cent of the items Efforts were also made to bring all the essential items under one O G L Imports of a few items such as ball bearings and textile stores were placed on a quota basis Where stocks were higher import quotas were cut Small quotas were given for biscuits, confectionary, playing cards, metal buttons, etc to provide healthy competition Where indigenous production was higher, quotas were cut This applied to iron and steel structures, bolts, nuts and rivets, leather belting, tea chests, linings and umbrella fittings among others. Procedure remained substantially unchanged, but the list of items licensable to actual users was enlarged and a greater scope was given to newcomers

On March 16, 1953 a few changes were made and certain items including non-ferrous metal manufactures and semi manufactures were removed from the then existing O G Ls Imports from Persian Gulf Sheikhdoms and Portuguese possessions in India were extended upto September 30, 1953 During June 1953, the import policy was announced for the second half of 1953 The salient features were (1) liberalisation of imports of machinery not indigenously manufactured, industrial raw materials such as art silk yarn and cotton yarn above 80s, and consumer goods like spices, fruits, breakfast foods, etc and (2) simplification of the licensing procedure Other measures included the introduction of free licensing for cotton stapling 1 1/16" and above from the soft currency countries and the extension to 1953 end of the validity of import licences already issued for U S cotton Import of sugar was also arranged and import quotas of sewing machines, machine screws, etc were slightly lowered owing to improved domestic supply

The emphasis of the policy shifted from reduced quotas to higher tariff values with a view to regulating imports to meet the more important needs In pursuance of this objective, import duties were reduced on sugar from Rs 14-14 to Rs 7 per cwt, on copra from non preferred sources from 25 per cent to 15 per cent *ad valorem* and from other sources from 15 per cent to 5 per cent *ad valorem*

EXPORT CONTROL

In pre-war years the Government's policy was to encourage exports Immediately after the war, export control was relaxed, but the aggravation of inflationary pressures rendered its tightening in 1949 Following the devaluation of the rupee, export duties were put up on commodities for which India was at an advantage Simultaneously, quality control was gradually introduced and a network of Trade Commissioners offices was set up Following the end of the Korean war boom and the fall in demand, the Government was obliged to reduce the export duties gradually The process started early in 1952 and continued till the end of 1953

The export duty on hessian was lowered from Rs 750 per ton to Rs 275 on May 7 1952, and that on sacking was progressively reduced from Rs 350 per ton to Rs 175 and then to Rs 80 on February 27, 1953 The export levy of 25 per cent on coarse and medium cotton textiles was reduced to 10 per cent on January 4 1953 In the case of raw cotton, the duty was lowered from Rs 200 per bale to Rs 125 on November 19, 1953 and was totally abolished in the case of Assam/Comilla In October 1953 export of mercury was permitted subject to a duty of Rs 300 per flask of 75 lb

The major export liberalisation measures during 1952 53 are summarised below —

Free licensing of superfine and fine cloth from April 1, 1952 and of coarse and medium cloth from May 17, 1952 Export of 250,000 tons of sugar, 10,000 tons of khandsari and 50,000 tons of jaggery, but banned since January 30, 1953 Export quotas for raw cotton fixed in instalments Free licensing of niger seed, kardi seed and their oils till June 30, 1953 Relaxation of control on yarn exports Free licensing of raw wool shipments till December 1953 Free export of mustard oil till June 30, 1953 Overall quota of 3,000 tons for vanaspati for 1953 Free licensing to all permissible soft currency countries and O G L to dollar area for black pepper

TRADE AGREEMENTS

Italy —For 1952 Chemicals and chemical products paper, raw silk, moulding powders, electric transformers, generators, machine tools, etc to be imported Oils and oilseeds, spices, tea coffee, manganese, mica, coal, etc to be exported

Sweden —For 1952 Newsprint, aluminium covered steel cables, etc to be imported Kyanite ore, manganese ore, jute goods, castor oil, cotton waste, etc to be exported.

Egypt —Upto February 28, 1953 Raw cotton, cotton yarn of 80s and above, rock phosphates, gypsum anhydrite, etc to be imported against tea, vegetable oils, cotton piecegoods, shellac, iron and steel manufactures, etc

Pakistan —Effective up to June 30, 1953. Imports of hides and skins, fish, bamboo, spices, etc in exchange for iron and steel and machinery, railway materials, wood and timber, beedis, beedi leaves and tobacco The Agreement was extended up to September 30, 1953.

Austria —Upto June 1954 Building and engineering materials, woollen goods, cotton

thread, newsprint, aluminium circles, sheets, plates, tungsten and molybdenum products, machine tools on the import side and tea, tobacco, handloom products, coir and coir products, spices, cotton and cotton waste, vegetable oils, iron ore, manganese ore, hides and skins tanned, shellac, raw wool, etc on the export side

Finland —Agreement expired on December 31, 1951, extended by two years Schedules will be renewed for 1953 by negotiations Newsprint, wood-pulp, paper and paper products, steel files, farming machinery, etc to be imported and tobacco, cashewnuts, spices, jute goods, tea, coffee shellac, vegetable oils, chemical products, textile and hosiery etc to be exported

Norway —Newsprint mechanical pulp, welding equipment machine tools, certain types of machinery, iron and steel soil pipes, etc Jute goods, tobacco, spices, oils and oilseeds, cottage industry products, iron ore, coir and coir products, manganese ore, etc to be exported

Western Germany —Upto October 1953 Chemicals and related products, machinery, metal products, etc Tobacco, cotton, ores, coffee, tea, raw wool, mica, seeds, shellac, essential oils, grey cotton goods, jute goods, woollen carpets, etc to be provided with quotas of specified value

Hungary —Upto January 1954 Imports of machine tools, agricultural machinery, X-ray and electro medical apparatus locomotive engines, optical goods, etc Exports of jute goods, tobacco, handloom products, cotton and woollen piecegoods, cement, soap, chemicals, etc

Indonesia —Upto December 1953 Copra, coconut oil, palm oil, spices betelnuts, timber, tin, rubber, etc Shipments of jute goods, tobacco handloom products, cotton and woollen piecegoods, cement, soap, chemicals, etc

Barter Agreements —In 1952 With Pakistan for exchanging 37,600 tons of Sind rice against 39,700 tons of U S wheat With Argentina for wheat of the value of 40,000 tons of jute goods

Treaty of Friendship —With Syria Talks in progress with the U S

Iraq (1954-end)—Imports of animals, long staple cotton, dates, food grains and hides and skins against exports of tea, textile fibres and bristles, rubber goods soap and iron and steel and their products Trade subject to trade regulations Mutual facilities for ships

Bulgaria (1954 end)—Imports of canned vegetables, electrometers, textiles and sanitary ceramics against exports of tea, spices, lac, castor oil, raw wool, raw cotton and coir yarn No territorial discrimination without the currency groups

Sweden (1954-end)—Imports of newsprint paper, staple fibre, machinery and mill work metals and ores, wood pulp and chemicals against export of spices, manganese ore, jute goods, coir manufactures, vegetable oils, lac, mica, tobacco and hides and skins

Burma (Talks concluded on July 3, 1953)—Certain changes in the Agreement of 1951 and additions to the list of commodities for export from India In the next six months increased supplies of several commodities including iron and steel and understanding about future purchase of rice

Indo-Soviet Trade Agreement

A five year trade agreement between India and the Soviet Union was signed on Dec 2 1953, providing for the exchange of a large number of items and specifying the procedure for trade, shipping and settlement of accounts between the two countries

With the signing of the agreement, letters were exchanged on the establishment and status of Soviet trade representatives in India and on the extension of technical assistance by the Soviet Union to India both for the installation and operation of Soviet equipment as well as for the planning and execution of various projects in India

The agreement may be extended or renewed by negotiations to be commenced within three months of its expiry

Among the 20 items agreed for export from India to the U S S R during the first year of the agreement are

Jute manufactures, tea, coffee, tobacco, shellac, black pepper and other spices, wool, hides and skins, vegetable and essential oils, coir yarn and rope, chemicals, live animals exposed cinema films, books and periodicals and cottage industry products

The list of goods agreed for import from the U S S R covers 39 items These include

Food grains (wheat barley) crude petroleum and petroleum products, timber and paper, iron and steel manufactures, chemicals, dyestuffs medicaments, optical goods, cinematograph films, printed matters and other goods as well as a wide range of industrial equipment including boring, mining and road building equipment, excavators, compressors, electrical equipment, equipment for textile, shoes, food and polygraphical industries, tractors and agricultural machinery and various machine tools and instruments

To promote economic relations between the Soviet Union and India, it was agreed that the Soviet Embassy might establish a special trade representation wing in New Delhi with branches in Calcutta and Bombay

It will be the duty of Soviet trade representatives to enter into or guarantee commercial transactions Such transactions will be subject to the jurisdiction of Indian courts unless otherwise provided Soviet trade representatives are not to be responsible for any transactions concluded by other Soviet organisations direct with out its guarantee

The inclusion of hydrogenated oils, cashew nuts, dyeing and tanning substances, footwear and sports goods in the list of commodities exportable by India to the U S S R was to be considered separately as early as possible between the Government of India and the Soviet Embassy

India's imports from Russia were valued at Rs 23 lakhs in 1950 51, Rs 1 38 crores in 1951 52, Rs 24 lakhs in 1952 53 and exports at Rs 1 34 crores in 1950 51, Rs 6 67 crores in 1951 52 and Rs 85 lakhs in 1952 53

FOREIGN TRADE*

(Rupees in lakhs)

Year	SEA BORNE			LAND BORNE			Total visible balance of trade
	Exports	Imports	Balance	Exports	Imports	Balance	
1948 *average*	34,98	39 24	— 4,26				
1949 ,,	35,54	50,78	— 15,24	2,97†	3,38†	— 41†	
1950 ,,	43,74	40,72	+ 3,02	1,31	3,16	— 1 85	+ 1 17
1951 ,,	61 80	62,27	— 47	1,73	7,54	— 5,81	— 6 28
1952 ,,	48 88	68 08	— 19,20	2 23	2 75	— 52	— 19,72
1952 Dec	43,81	43,14	+ 67	1,24	3 73	— 2,49	— 1,82
1953 Jan	42,54	39,70	+ 2 84	70	2,58	— 1,88	+ 96
Feb	38,28	38,11	+ 17	51	1 32	— 81	— 64
Mar	48,09	45,11	+ 2 98	39	1 58	— 1 19	+ 1,79
Apr	37,99	55,16	— 17,17	37	71	— 34	— 17,51
May	39,88	54,70	— 14,82	40	66	— 26	— 15 08
June	39,33	49,30	— 9,97	38	1,70	— 1 32	— 11 29
July	40,29	48,55	— 8,26	41	2,81	— 2,40	— 10 66
Aug	38,93	47,05	— 8,12	91	2 70	— 1 79	— 9,91
Sep	48,28	42,93	+ 5 35	73	3 20	— 2 47	+ 2 88
Oct	45,16	42,79	+ 2,37	68	2,03	— 1 35	+ 1 02
Nov	46,79	36,95	+ 9,84	74	1,72	— 98	+ 8 86

* *Entrepot* trade excluded † Average for April December 1949

IMPORTS OF MERCHANDISE 1951-53

The first table shows the imports by sea and air groups The succeeding tables show the imports of individual commodities

(Rupees in 000s)

Item	1950 51	1951 52	1952 53	% of Total Imports
Gram Pulse and Flour	80 41 15	228 11 52	153 10 32	24 19
Machinery	91 81 92	102 24 11	86 26 54	13 63
Oils	59 54 39	79 48 09	81 77 70	12 92
Cotton raw and waste	100 76 72	137 12 89	76 67 13	12 11
Vehicles	24 50 19	34 41 18	28 17 57	4 45
Chemicals Drugs and Medicines	19 36 93	35 94 50	24 86 94	3 93
Metals	46 84 07	42 61 90	43 07 85	6 82
Cutlery, Hardware etc	14 45 96	19 69 76	14 23 97	2 25
Paper Pasteboard and Stationery	10 44 51	14 88 69	12 79 22	2 02
Electrical Goods and Apparatus	9 66 75	10 35 86	13 81 42	2 18
Textile Yarns and Manufactures	19 92 98	23 04 84	21 30 64	3 37
Dyes and Colours	14 60 47	19 28 40	10 42 04	1 65
Fruits and Vegetables	9 50 53	9 98 31	9 30 85	1 47
Provisions and Oilmans Stores	5 81 98	10 81 47	5 70 36	0 90
Spices	5 50 59	8 30 10	3 77 58	0 59
Non metallic Mining and Quarry Products	2 99 38	3 09 98	7 04 74	1 11
Arms Ammunition and Military Stores	2 37 53	1 75 31	3 20 86	0 50
Seeds	2 29 15	2 32 49	2 25 10	0 36
Liquors	1 18 77	1 67 53	1 62 25	0 26
Tobacco	2 76 35	1 99 16	1 80 04	0 29
Gums Resins and Lac	1 44 62	1 37 76	85 16	0 13
Rubber raw or crude	3 00 87	2 45 81	90 18	0 15
Silk raw and cocoons	2 41 39	1 66 21	67 57	0 11
Wool raw	5 61 83	2 58 38	66 02	0 10
Wood and Timber	2 79 63	5 54 04	2 23 90	0 35
Furniture	82 56	2 01 00	1 09 15	0 17
Glassware and Earthenware	85 25	2 88 61	1 71 59	0 27
Miscellaneous	39 40 74	55 26 29	23 56 99	3 72
TOTAL	581 17 21	862 84 19	632 95 37	100 00

Arms, Ammunition and Military Stores (Rs in lakhs)

— —	1950 51	1951 52	1952 53
Cartridge Cases	8	15	34
Explosives	1 05	1 42	1 93
Fire Arms and their parts	57	4	71
Gunpowder	2	2	3
Other sorts	66	12	20
Total	2 38	1 75	3 21

Belting for Machinery (Rs in lakhs)

—	1950 51	1951 52	1952 53
Cotton Belting	2	0 6	4
Hair ,,	20	48	11
Leather ,,	42	73	63
Others ,,	55	86	83
Total	1,19	2 07	1 61

Building and Engineering Materials (Rs in lakhs)

—	1950 51	1951 52	1952-53
Asphalt	84	94	528
Bricks	6	3	31
Cement	22	18	12
Tiles	1	3	3
Other kinds	18	37	21
Total	1,31	1 55	5 95

Chemicals, Drugs and Medicines — After a sharp increase in the preceding year imports were drastically reduced in 1952 53 Supplies were drawn from a variety of countries

—	1950 51 Rs lakhs	1951 52 Rs lakhs	1952 53 Rs lakhs
Chemicals etc	*9 17*	*19 82*	*12 68*
Acids	48	1 02	41
	(46 500 cwts)	(89 882 cwts)	(39 340 cwts)
	6	0 25	0 59
Aluminous Sulphate	(3 328 cwts)	(2 135 cwts)	(4 615 cwts)
Ammonia and Salts thereof	16	6 5	4
	(43 334 cwts)	(164 110 cwts)	(56,328 cwts)
Arsenic and its Oxides	0 78	3 44	1 78
	(1 252 cwts)	(3 961 cwts)	(1 990 cwts)
Bleaching Powder	20 9	40 4	14 0
	(112 662 cwts)	(176,201 cwts)	(54 978 cwts)
Calcium Compounds	23 2	67 3	36 0
	(91 680 cwts)	(197 283 cwts)	(104 312 cwts)
Copperas	1	27	12
	(26 058 lbs)	(42 222 lbs)	(16 640 lbs)
Disinfectants	15	38	39
	(11 868 cwts)	(22 427 cwts)	(41 274 cwts)
Lead Compounds	2 3	2 0	1 2
	(2 350 cwts)	(1 220 cwts)	(767 cwts)
Magnesium compounds	3 4	10 7	5 9
	(6 991 cwts)	(17 244 cwts)	9 671 cwts)
Phosphorus	1 2	19 0	7 0
	(2 726 cwts)	(6 758 cwts)	(2 590 cwts)
Potassium compounds	20	48	27
	(26 694 cwts)	(55 568 cwts)	(31 779 cwts)
Sodium compounds	5	35	12
	(5 953 cwts)	(193 537 cwts)	(61,210 cwts)
Borax	7	40	0 3
	(31 043 cwts)	(150 993 cwts)	(955 cwts)
Sodium Carbonate	66	2 85	2 54
	(29 817 tons)	(85 315 tons)	(81 588 tons)
Sodium Cyanide	3	4	7
	(4 661 cwts)	(5 531 cwts)	(9 069 cwts)
Caustic Soda	1 01	3 79	1 46
	(21 993 tons)	(62,713 tons)	(25 52 tons)
Sodium hydrosulphite	89	99	47
	(3 492 tons)	(2 786 tons)	(2,147 tons)
hyposulphite	0 32	0 57	0 20
Silicate	0 09	0 15	0 04
Sulphide	5 87	16 2	1 42
other sorts	29	31	14
Sulphur (brimstone)	1 13	1 16	2 51
	(5 5 327 tons)	(37 281 tons)	(73,941 tons)
Zinc compounds	5 1	6 5	3 4
	(9 320 cwts)	(5 457 cwts)	(5,268 cwts)
Other Chemicals	3 19	5 47	3 19
Drugs and Medicines	*9 94*	*15 15*	*11 32*
Asafoetida	2 9	12 6	13 7
Camphor	29 5	86 1	11 2
Penicillin and its products	—	—	1,65
Proprietory and patent medicines	20 1	11 1	23 4
Quinine Salts	0 2	15 3	19 3
Saccharin	22 4	23 1	8 8
Streptomycin	—	—	2,45
Other sorts	9 17	13 63	5 20
Drugs or Chemicals containing spirit	*26*	*98*	*87*
Total	19 37	35 95	24,87

Cotton, Raw — Following improved output, Imports dropped substantially Over half the imports were from the U S A

—	1950 51	1951 52	1952 53
Value—Rs in lakhs	100,77	137,13	76,67
Volume— Tons	214,895	213,223	138,397

Cutlery and Hardware—Imports under this group moved rather erratically in the post war period and depended more on the licensing policy than on any other factor The U K was the main supplier

(Rupees in lakhs)

——	1950-51	1951 52	1952 53
Cutlery	28 3	129 0	83 2
Pruning Knives	2 3	0 9	0 4
Razors Blades, etc	23 4	96 6	63 3
Other kinds	2 6	32 5	19 5
Hardware	456 9	613 9	404 5
Agricultural Implements	24 6	2 0	1 5
Builders Hardware	24 4	53 6	15 7
Domestic Hardware	3 7	9 2	6 7
Grub Hose	123 4	199 5	114 9
Hand Pumps	0 9	1 4	1 6

Dyes and Colours—Imports were nearly halved partly because of reduced prices but mainly on account of reduced offtake In the case of dyes, Western Germany was the main supplier with the U K coming next

(Rupees in lakhs)

——	1950 51	1951 52	1952 53
Dyes from Coal tar	11 98	14 27	7 51
Alizarine	2	4	0 09
Congo Red	62	44	10
Coupling Dyes	3 22	3 42	2 07
Vats	4 60	6 32	3 32
Sulphur Black	83	73	24
Metanil Yellow	10	11	5
Tanning Substances	1 54	2 39	1 55
Paints and Colours	83	1,98	1 00
Total of Dyes, Colours and Paints	14,60	19,28	10 42

Fruits and Vegetables—Imports of fruits and vegetables were more or less the same in the past three years Nearly three fourths were from Mozambique with Muscat and Iraq standing next in order

(Rupees in lakhs)

—	1950 51	1951 52	1952-53
Fresh Fruits and Vegetables	9	17	29
Dried, Salted or Preserved but not Canned—			
Almonds	1 15	1,60	1 24
Cashewnuts	2 85	3 28	4 66
Currants and Raisins	63	59	41
Dates	4 26	3,91	2 37
Total	9,51	9,98	9,31

Grain, Pulse and Flour—Out of Rs 82 crores worth of wheat imports, the U S and Canada accounted for Rs 53 6 crores and Rs 22 7 crores respectively and Australia lost the grounds since 1950 51 Half the imports of rice were from Burma and the year was notable for a sharp rise in supplies from non traditional source

——	1950-51 Rs lakhs	1951 52 Rs lakhs	1952 53 Rs lakhs
Wheat	37,14	152,03	81 82
Wheat Flour	3,39	2,72	3 05
Wheat—other sorts	11,97	89	19
Rice not in the husk	22,99	38,19	43,03
Barley	19	16	3
Jowar and Bajra	32	32,11	1
Milo and Sorghum	—	—	22,35
Pulses	4,41	2,02	2,49
Other Sorts	—	—	—
Total Value	80,41	228,12	153,10
Total Volume (M Tons)	2 086	4 793	2 917

Gums and Resins (Rs in lakhs)

——	1950 51	1951 52	1952 53
Arabic	37	45	39
Benjamin	7	9	9
Dammer (Resins)	17	11	13
Olibanum	0 7	0 5	1
Rosin	2	3	1
Other sorts	15	35	21
Total	79	1 03	84

Instruments, Apparatus, Appliances, etc An upward trend in imports was in evidence in the post war period and was continued thereafter in spite of the policy to restrict imports of those varieties of which the indigenous production was adequate The U K was the main supplier.

(Rupees in lakhs)

——	1950 51	1951 52	1952 53
Electric Wires and Cables	4 12	3 09	7 07
Electrical and Telephone Apparatus	1,10	27	38
Electric Glow Lamps	6	7	4
Electric Bulbs	17	59	39
Electric Lamps, other sorts	28	16	29
Flash lights, Torches etc	—	49	73
Batteries	17	24	17
Carbons	35	51	22
Accumulators	24	39	30
Electric Lighting Accessories	21	50	50
Electrical Instruments	81	1 31	88
Electro medical Apparatus	34	36	29
Electrical Apparatus	16	10	5
Electrical Porcelainware	3	3	4
Electrical Goods and Apparatus—All kinds	9,67	10 36	13,81
Musical Instruments	5	28	16
Optical Goods	31	66	37
Photographic Materials	3 35	3,75	3 41
Scientific Instruments	55	60	49
Surgical Instruments	1 05	70	36
Wireless Apparatus	1 38	2 07	1 50
Other kinds of Instruments etc	1 44	2 01	2 11
Instruments, etc of all kinds	17,79	20 43	22 21

Liquors (Value—Rs in lakhs, Quantity in thousand gallons)

——		1950 51	1951 52	1952 53
Ale and Beer	V	38	96	54
	Q	8,16	1,087	1,031
Stout and Porter	V	1	1	2
	Q	15	18	29
Cider, etc	V	0 65	0 82	1 2
	Q	7	10	15
Spirit	V	100	195	175
	Q	347	545	459
Brandy	V	21	23	12
	Q	65	67	27
Whisky	V	40	49	56
	Q	177	172	183
Drugs, etc , containing Spirit	V	26	98	87
	Q	55	236	190
Wines	V	5	13	18
	Q	22	51	59
Total of Liquors	V	1 45	2 66	2 50
	Q	1,207	1,711	1 592

Machinery—*Half the imports* were received in Bombay and nearly one-third in Calcutta The U K was the main supplier accounting for more than half the imports

——	1950 51 Rs lakhs	1951 52 Rs lakhs	1952 53 Rs lakhs
Prime Movers (other than electrical)	*21,85*	*21,77*	*8,96*
Locomotives & Parts—Railways	10 17	2,29	46
Oil Engines	65	27	43
—Parts	22	63	9
Steam Engines	65	15	29
,, —Parts	63	39	64
Other than Locomotives—Oil Engines	6,93	14,79	4,50
Other than Locomotives—Oil Engine Parts	1,82	2,74	1,97
Other than Locomotives—Steam Engines and Parts	30	25	14
Other than Locomotives—others	31	19	37
Electrical Machinery	*12,00*	*16,20*	*17,15*
Control and Switchgear	3,70	4,17	5,48
Generators alternators and dynamos	1,56	2,38	2,46
Motors	1,41	1 12	1 23
Transformers	1 54	1,45	1 44
Turbo generating sets	65	1,52	1,30
Others	3,14	5,56	5,23
Aerated Water making Machinery	*1*	*3*	*2*
Agricultural Machinery	*7,00*	*10,56*	*4 22*
Tractors and parts	5,20	7,83	3,37
Ploughs and parts	1,12	1,21	37
Other sorts	68	1,52	58
Air Compressors	—	—	*88*
Boilers	*5,27*	*4,11*	*4,19*
Boot and Shoe Manufacturing Machinery	*10*	*8*	*12*
Earth Moving Machinery	—	—	*1,35*
Excavation Machinery	—	—	*18*
Leather Tanning and Curing Machinery	*3*	*3*	*3*
Metal Working Machinery	*3,26*	*2,52*	*3,11*
Machine Tools	2,65	1,79	1,94
Mining Machinery	*99*	*1,32*	*1,57*
Coal	25	36	38
Oil Crushing and Refining Machinery	*13*	*14*	*7*
Paper Mill Machinery	*2,25*	*1,72*	*1,44*
Pumping Machinery	*1 56*	*2 23*	*2,44*
Reciprocating	9	11	7
Centrifugal	57	96	81
Others	90	1,16	1,56
Refrigerating Machinery	*1,08*	*1,43*	*84*
Domestic	26	65	34
Rice and Flour mill Machinery	*18*	*17*	*16*
Flour mill	14	11	9
Rice mill	4	6	7
Saw mill and Wood working Machinery	*42*	*45*	*48*
Sewing and Knitting Machines and Parts	*1,62*	*1,19*	*89*
Sugar Machinery	*1,00*	*69*	*64*
Tea Machinery	*77*	*69*	*83*
Textile Machinery	*12,43*	*13,34*	*16,45*
Cotton machinery	7,37	7,31	9,35
Cotton spinning machinery	3,91	2,72	4 18
Jute machinery	1,91	1,66	1,78
Shuttles	25	46	32
Wool machinery	14	44	33
Other sorts	2 75	3,46	4,68
Typewriters and Parts	*77*	*84*	*78*
Printing and Lithographic Presses	*82*	*1,16*	*56*
Other Sorts of Machinery	*18,26*	*21,53*	*18,79*
TOTAL	91 81	102 24	86,26

Manures (Value—Rs in lakhs, Quantity—in thousand tons)

——		1950 51	1951 52	1952 53
Nitrate of Soda	V	19	28	32
	Q	7	7	10
Sulphate of Ammonia	V	11 45	2,45	85
	Q	370	67	20
Potassic	V	25	37	16
	Q	9	13	5
Phosphatic	V	45	62	23
	Q	60	53	15
Compounds and others	V	1	12	47
	Q	1	4	14
Total	V	12,35	3,84	2 03
	Q	447	144	64

Metals.—The bulk of the imports continued to be from the U K, the continent and the U S Nearly half the supplies reached West Bengal and one third Bombay and Iron and Steel manufactures dominated the trade

(Rupees in lakhs)

——	1950 51	1951 52	1952 53
Aluminium	2,77 (9,680 tons)	3,17 (9,281 tons)	2,40 (6,038 tons)
Antifriction	1	5	1
Brass	2,42 (14,490 tons)	67 (1,806 tons)	71 (1 594 tons)
Copper—Unwrought	6,87 (29,801 tons)	1,38 (4,080 tons)	7,18 (19,492 tons)
—Wrought	40 (1,395 tons)	24 (626 tons)	40 (914 tons)
Ferro Alloys	12	37	33
German Silver	20	19	13
Iron	3	2	0 7
Steel—Angle and Tee	40	17	2 7
—Bars	2,07 (2,494 tons)	98 (598 tons)	1,23 (726 tons)
—Cast	8	13	47
—Ingots, blooms, etc	2,26 (4,250 tons)	53 (105 tons)	1,60 (1,452 tons)
Steel—Total	4 87 (7 277 tons)	1,83 (1,776 tons)	3,33 (2,251 tons)
Iron or Steel—	14 31 (9,385 tons)	20 25 (8,058 tons)	20,43 (7,808 tons)
Anchors and cables	7	5	1
Beams, channels, etc	28	49	7
Bolts and nuts	64	76	61
Fencing materials	22	22	21
Hoops and strips	21	66	1,05
Nail, rivets, washers	50	1,93	84
Pipes and fittings, cast	22	59	41
Rails, chairs and fishplates	1,28	15	9
Screws	23	78	48
Sheets and Plates	3,59	3,97	6,03
Sleepers, etc	29	4	3
Tubes, Pipes and Fittings	3,14	5,89	5,87
Wire nails	4	47	14
Wire Rope	65	61	1,24
Wire other than Fencing wire	68	1,98	1,82
Other manufactures	2,04	1,59	1,47
Lead	2,22 (15,687 tons)	1,72 (7,710 tons)	66 (3,350 tons)
Quicksilver	98	0 23	0 34
Solder	0 43	1 45	2 86
Tin	3,82 (4,310 tons)	4,89 (3,652 tons)	2,49 (2,029 tons)
Zinc	6,56 (37,714 tons)	7,28 (20,891 tons)	4,54 (23,057 tons)
Metals of all kinds	47,05 (22,953 tons)	42,72 (12,470 tons)	43,13 (13,014 tons)
Ores of all kinds	22 (199 tons)	28 (270 tons)	21 (167 tons)

Miscellaneous (Rs in lakhs)

Items	1950-51	1951 52	1952-53
Animals, Living	8	21	23
Apparel	11	30	48
Bobbins	35	47	33
Books	68	93	1,00
Boots and Shoes	0 71	0 23	0 23
Bristles	2	1	0 32
Brushes and Brooms	9	16	9
Canes and Rattans	12	12	9
China Clay	6	12	18
Clocks and Watches and Parts	1,35	2,15	83
Cork Manufactures	35	37	26
Earthenware and Porcelain	27	73	43
Fish	23	22	19
Furniture and Cabinetware	7	12	16
Hair and their manufactures	6	18	2
Hides and Skins, Raw	47	40	19
Ivory	32	49	29
Jewellery	2	3	7
Lac	65	35	1
Leather and Manufactures	57	87	19
Oilcloth and Floorcloth	1	10	2
Paper making Materials	41	1,04	93
Perfumery	1	3	2
Pitch and Tar	2	2	1
Plants, Living	7	20	15
Plastic Materials and Manufactures	1,61	2,69	2,39
Polishes	20	41	26
Precious Stones and Pearls, unset	57	65	31
Printing and Lithographing Presses	82	1 16	56
Printing and Lithographing Ink	17	20	9
Salt	79	3	2
Shells and Cowries	3	4	2
Soap	2	3	1
Starch, Dextrin and Farina	3,59	2 34	8
Stone and Marble	3	11	11
Sugar	4,34	85	0 10
Tallow	71	57	66
Stearin and other Animal Fats	1	3	1
Tea	5	6	10
Tea chests of Wood and Parts	51	1,45	59
Toys and Sports Requisites	7	18	12
Umbrellas and Fittings	50	52	26
Wax	3	14	9
Wood—Teak	2,04	4,16	1,46
Other Wood and Timber	1,00	1,84	1,13

Oils—Bulk of the imports were of mineral oils which rose from 799 8 million gallons in 1950-51 to 930 1 million gallons in 1951-52 and declined to 898 8 million gallons in the year under review Nearly half the imports were in Bombay

——		1950-51	1951-52	1952-53
Essential oil	(Rs lakhs)	73	1,29	77
	(000 gallons)	86	1,35	91
Kerosene	(Rs lakhs)	17,65	19,20	21,75
	(million gals)	229 4	254 5	265 8
Fuel Oils	(Rs lakhs)	11,80	14,82	14,91
	(million gals)	332 7	368 1	317 7
Lubricating oils	(Rs lakhs)	6,95	10,96	13,10
	(million gals)	40 6	48 6	61 1
Motor Spirit	(Rs lakhs)	17,87	24,37	25,18
	(million gals)	193 5	251 1	243 4
Mineral oils other than Kerosene	(Rs lakhs)	37,41	51,70	55,07
	(million gals)	569 9	675 6	633 0
Vegetable non-essential oil	(Rs lakhs)	3,34	6,18	3,65
	(million gals)	4 6	7 4	7 2
Coconut oil	(Rs lakhs)	3,17	6,04	3,08
	(million gals)	4 4	7 3	5 9
Total of oils	(Rs lakhs)	59,54	79,48	81,78

Painters' Materials (Rs in lakhs)

——	1950 51	1951 52	1952 53
Turpentine and substitutes	8	9	14
Varnishes	2	4	2
Other kinds	16	50	19
Total	26	63	35

Paper, Pasteboard and Stationery—Imports of paper which had dropped from 2 122 million cwt in 1950 51 to 1 743 million cwt in the following year, recovered to 2 034 million cwt in 1953 54 Supplies of pasteboard also steadily moved up from 66,236 cwt in 1950 51 to 82,667 cwt and then to 95,602 cwt

(Rupees in lakhs)

——	1950 51	1951 52	1952 53
Packing and Wrapping Paper	89	2,53	1,85
Printing Paper	6,08	7,18	6,39
Writing Paper and Envelopes	59	1,26	1 20
Other varieties including old news papers	2,94	2,19	2,77
Total of Paper	9,50	13,16	11,21
Pasteboard, Millboard and Card board	42	81	51
Pencils	5	15	32
Fountain Pens	5	6	14
Ink	36	64	56
Total of Stationery	52	92	1 07
Grand Total	10,44	14,89	12,79

Provisions and Oilman's Stores.—The abnormal increase in imports during 1951-52 was wiped out in the following year mainly at the cost of Australia and Denmark and Netherlands became the leading supplier

(Rupees in lakhs)

——	1950 51	1951 52	1952 53
Butter	33	54	20
Canned and Bottled Provisions	26	74	43
Cheese	16	21	12
Cocoa and Chocolate	4	9	13
Farinaceous and Patent Foods	1,62	3,29	1,43
Milk, Condensed, etc	3,11	4,00	2,81
Pickles, etc	1	5	4
Other sorts	29	1,89	54
Total	5,82	10,81	5,70

Rubber and Rubber Manufactures (Rs in lakhs)

——		1950 51	1951-52	1952 53
Rubber, Raw	V	301	246	90
	Q	12 m lb	11 m lb	7 6 m lb
Pneumatic motor covers		18	20	12
Other manufactures		15	32	41

Seeds (Value—Rs in lakhs, Quantity—in thousand tons)

——		1950 51	1951 52	1952 53
Essential oilseeds	V	23	12	10
	Q	1 5	0 8	0 7
Copra	V	1,14	1 59	2,04
	Q	8 6	11 5	19 2
Other non essential oilseeds	V	91	57	3
	Q	33 2	15 0	0 64
Other seeds	V	0 5	4 9	8 0
Total	V	2 29	2,32	2,25
	Q	43 5	27 5	20 8

Spices—The fall in imports in 1952-53 was abrupt as the increase in the preceding year. The bulk of the imports were betelnuts for which Singapore had the virtual monopoly.

(Rupees in lakhs)

——	1950-51	1951-52	1952-53
Betelnuts	5 43	4 66	3 27
Cassia	42	75	19
Cloves	1 59	2 53	5
Nutmegs	3	18	12
Pepper	3	11	12
Other sorts	1	5	2
Total	5 51	8 30	3,77

Textile Raw Materials—Heavy imports in the preceding two years were mainly with the object of ensuring a better supply of raw cotton but the resultant increase necessitated a cut especially in view of the emergence of a buyers' market in textiles.

(Rupees in lakhs)

——	1950-51	1951-52	1952-53
Raw Cotton	100 77 (214 89 tons)	137 13 (213 223 tons)	76 67 (138 397 tons)
Flax Raw	4	5	1
Hemp Raw	39	45	33
Jute Raw	7	9	7
Silk Raw and Cocoons	2 41 (1 3 m lb)	1 56 (0 66 m lb)	67 (0 3 m lb)
Wool Raw	5 62 (11 7 m lb)	7 84 (9 1 m lb)	4 67 (10 2 m lb)
Staple Fibre Raw and Waste	1 90 (12 5 m lb)	10 10 (36 5 m lb)	66 (4 1 m lb)
Total	111 23	152 01	79 08

Textile Yarns and Manufactures—Nearly half the imports were of artificial silk yarn and piecegoods, while one third represented woollen yarns and manufactures. Piecegoods were negligible and the bulk of the imports were for feeding the weaving industry.

(Rupees in lakhs)

——	1950-51	1951-52	1952-53
Cotton Manufactures	2,36	6 55	4,99
Twist and Yarn	30 (0 5 m lb)	1 82 (1 79 m lb)	2 09 (2 8 m lb)
Piecegoods	1 31 (5 7 m yds)	2,37 (7 9 m yds)	1 25 (4 6 m yds)
Thread	49	2 00	1 40
Tents etc	2	2	5
Flax, Raw and Manufactures	7	21	25
Haberdashery and Millinery	3	5	2
Jute Manufactures	9	13	1
Silk Manufactures	17	28	8
Yarn	9	12	1
Piecegoods	2	21	7
Artificial Silk	15 17	18 22	8 13
Yarn	14 71 (35 m lb)	17,29 (36 m lb)	7 85 (22 m lb)
Piecegoods	42	82	26
Wool Manufactures	1 65	8 23	6,72
Yarn and Knitting	1 09 (0 9 m lb)	1,72 (2 5 m lb)	96 (1 0 m lb)
Piecegoods	13 (0 15 m yds)	45 (0 42 m yds)	92 (1 31 m yds)
Mixed Goods	7	26	57
Blankets Carpets, Hosiery	15	14	13
Staple Fibre Yarn	33 (1 3 m lb)	1 22 (3 9 m lb)	75 (4 3 m lb)
Total	19,93	35,05	21,31

Tobacco (Value—Rs in lakhs Quantity—in million lb)

——		1950-51	1951-52	1952-53
Tobacco unmanufactured	V	259	185	167
	Q	6 0	5 1	5 5
Tobacco manufactured	V	17	14	13
	Q	0 2	0 1	0 1

Vehicles—The main source of supply was the U K. Imports were regulated in order to encourage the domestic industry.

——	1950-51 Rs lakhs	1951-52 Rs lakhs	1952-53 Rs lakhs
Carriages	22	23	26
Cycles and parts	2 43	4 27	3 45
Aircrafts and parts	2 50	2 72	4 80
Carriages and parts for railways	71	52	1 05
Wagons and parts for railways	1 53	2 44	2 64
Motor cars	3 24	4 79	2 96
Motor cycles	25	48	37
Motor omnibuses Vans etc	3 13	2 97	2,97
Trams other sorts and parts of Vehicles	10 35	15 87	9 29
Vessels and their parts	14	12	38
Total	24,50	34 41	28 18

EXPORTS OF MERCHANDISE, 1951-53

The first table shows the exports by sea and air by groups. The succeeding tables show the exports by individual commodities.

(Rupees in 000s)

Items	1950-51	1951-52	1952-53	% of Total Exports
Jute Yarns and Manufactures	113,95 39	269,96 16	129 05 95	23 42
Cotton Yarns and Manufactures	136 71,30	58 09 92	69 31 74	12 58
Tea	79 87 24	93 36 46	80 30 50	14 57
Cotton, Raw and Waste	17 35 54	21 02 11	28 94 10	5 25
Oils	25 71 55	22 76 22	25 09,43	4 55
Seeds	17 28 79	7 95 81	4 66 17	0 85
Hides and Skins Tanned	25 76 96	25 69 11	20 34 53	3 69
Hides and Skins Raw	9 55 97	8 51 97	5 69 44	1 03
Spices	24 92 99	27 89 08	20 47 83	3 71
Coal	3 36 30	7,80 90	7,66 21	1 39
Other Non metallic Products	10 34 28	14 18 86	9 88 41	1 79
Fruits and Vegetables	10 94 99	13 41 40	16 30 57	2 96
Tobacco	15 20 99	16 93 48	13 45 86	2 44
Gums Resins and Lac	13 60,49	16 23 94	8 25 85	1 49
Metallic Ores etc	9 68 80	18 55 28	36 98,97	6 71
Wool Raw	7 86 85	4,89 70	8,41,69	1 53
Chemicals Drugs and Medicines	3 98 77	5 27 43	4 10 69	0 74
Apparel	1 77 36	2,45 48	3 74 53	0 68
Cutlery Hardware, etc	1 63 79	2 12 88	2 16 83	0 39
Metals	2 56,40	2 26 08	4 11 16	0 74
Dyes and Colours	60 77	1 54 04	1,00 95	0 18
Rubber Manufactures	1,65 21	1 06 26	1,42,25	0 26
Woollen Yarn and Manufactures	6 06 68	6,48 99	3 27,03	0 59
Machinery	36 78	55,87	76,84	0 14
Provisions and Oilman's Stores	83,54	1 92 33	1 61 81	0 29
Miscellaneous	37 29,90	50 80,35	43,95,03	8 03
	578,97,63	701,80,11	551,04,37	100 000

Building and Engineering Materials (Rs in lakhs)

——	1950-51	1951-52	1952-53
Bricks	0 7	1	1
Cement	4	67	52
Magnesite	26	55	42
Tiles	44	79	1,05
Other kinds	3	11	16
Total	78	2,13	2,16

Coal and Coke (Value—Rs in lakhs Quantity in thousand tons)

		1950 51	1951 52	1952 53
Coal	V	3 36	7 81	7 66
	Q	968	2 393	2 101
Japan	V	38	2 63	2 18
	Q	115	813	611
Ceylon	V	1 10	83	1 11
	Q	294	272	322
Pakistan	V	—	62	77
	Q	-	183	170
Burma	V	50	45	90
	Q	123	124	235
Singapore	V	19	36	41
	Q	59	112	114
Hongkong	V	38	48	57
	Q	113	147	156
Coke	V	5	21	24
	Q	9	33	49
Total—Coal and Coke	V	3 41	8 02	7 90
	Q	977	2 427	2 149

Coir and Coir Products (Value Rs in lakhs, Quantity—in thousand cwt)

		1950 51	1951 52	1952 53
Coir, unmanufactured	V	5	8	7
	Q	1	0 6	0 8
Coir, manufactured	V	10,81	10 19	7 15
	Q	1 560	1 219	1 279
Yarn	V	7 23	6 59	4 54
	Q	1 121	905	966
Mats and Mattings	V	3 21	2 53	2 03
	Q	404	230	248
Other sorts	V	37	1 07	58
	Q	34	84	65

Dyeing and Tanning Substances (Value—Rs in lakhs, Quantity—in thousand tons)

		1950 51	1951 52	1952 53
Barks for Tanning	V	0 03	0 01	—
	Q	0 4	0 02	—
Cutch and Gambier	V	8	11	8
	Q	7	12	7
Indigo	V	0 03	1	0 8
	Q		0 2	0 2
Myrobalans	V	99	1 11	40
	Q	803	881	502
Myrobalan Extracts	V	21	34	25
	Q	68	99	120
Other sorts including Safflower and Lac dye	V	22	56	48
	Q	47	34	43
Total	V	1,50	2 13	1 21
	Q	925	1,028	674

Fruits and Vegetables (Rs in lakhs)

		1950 51	1951 52	1952 53
Fresh Fruits and Vegetables		1 56	2 92	1,91
Onions (Quantity in 000 cwt)	V	1,15	1 07	1,12
	Q	1 156	925	659
Cashew Kernels (Quantity in 000 tons)	V	8,55	9,03	12,76
	Q	25	21	27
Other Dry Fruits		84	1,46	1,03
Total		10,95	13,41	16,31

Gums and Resins (Value—Rs in lakhs Quantity in thousand cwts)

	1950 51	1951 52	1952 53
Arabic		1	—
Karaya	N A	1 23	60
Olibanum	0 7	0 8	0 6
Rosin	2	10	2
Value	1,73	1,40	67
Total of Gums etc (000 cwt)	119	107	91

Hides and Skins, Raw (Value—Rs in lakhs Quantity in thousand tons)

		1950 51	1951 52	1952 53
Buffalo Hides	V	14	11	—
	Q	0 4	0 2	—
Cow Hides	V	51	47	2
	Q	1 5	0 9	0 07
Calf Skins	V	4	4	0 1
	Q	0 08	0 08	0 003
Hides Raw	V	69	62	2
	Q	1 97	1 25	0 07
Goat Skins	V	8,14	6 97	4 78
	Q	12	10	10 5
Reptile Skins	V	N A	36	47
Sheep Skins	V	6	8	16
	Q	0 06	0 16	0 41
Skins Raw	V	8 74	7 62	5 54
	Q	12 4	11 0	11 4
Cuttings of Hides and Skins	V	14	28	13
	Q	3 3	5 5	2 6
Total of Hides and Skins Raw	V	9 56	8 52	5 69
	Q	17 7	17 7	14 1

Instruments, Apparatus and Appliances and Parts (Value - Rs in lakhs)

	1950 51	1951 52	1952 53
Electrical	N A	20	26
Musical	45	35	32
Photographic	N A	N A	31
Surgical	N A	N A	18
Other kinds	54	89	36
Total	99	1 44	1 43

Lac (Value—Rs in lakhs Quantity in thousand cwts)

		1950 51	1951 52	1952 53
Button	V	43	63	36
	Q	21	27	30
Seed	V	2 40	2 28	3 03
	Q	152	125	298
Shell	V	8 60	11 30	3 88
	Q	431	495	307
Stick	V	4	7	4
	Q	4	6	7
Other kinds	V	41	55	27
	Q	53	61	44
Total Lac	V	11 88	14 84	7 59
	Q	661	713	686

Leather and Leather Manufactures (Value—Rs in lakhs Quantity in thousand cwts)

—		1950 51	1951-52	1952 53
Hides, Tanned or Dressed	V	12 02	13,61	9,22
	Q	351	335	313
Buffalo Hides	V	76	77	45
	Q	29	30	20
Cow Hides	V	9,41	11,05	7,56
	Q	284	270	260
Calf Skins	V	1,83	1,78	1,20
	Q	38	34	33
Skins Tanned or Dressed	V	13,25	11 32	10 74
	Q	139	122	155
Goat Skins	V	6 91	5,10	4 86
	Q	79	65	81
Reptile Skins	V	N A	52	72
	Q		2	3
Sheep Skins	V	5,41	5,70	5,14
	Q	57	56	70
Other Skins	V	93	0 2	3
	Q	3	0 02	0 4
Leather unwrought	V	38	39	16
	Q	3	10	12
Leather manufactures	V	12	37	22
Total Leather, etc	V	25,77	25,69	20,35

Metals, Ores and Minerals (Value —Rs in lakhs)

—		1950 51	1951 52	1952 53
Aluminium Bauxite etc		N A	51	59
Barytes		N A	5	3
Brass, Bronze etc		27	16	29
Chromite		3	9	8
Copper		7	1	76
Iron Ore (000 tons)	V	22	1,00	3,71
	Q	(84)	(280)	(812)
Pig Iron		86	41	41
Iron Manufactures		88	43	47
Iron or Steel manufactures (000 tons)	V	49	1,10	11,22
	Q	(10)	(52)	(497)
Kyanite ore		N A	49	68
Lead		1	3	1
Manganese Ore (000 tons)	V	8 01	15 69	20,77
	Q	(821)	(1,125)	(1 365)
Ferruginous Manganese Ore		N A	4	24
Illmanite		N A	10	13
Stealite		N A	12	10
Zinc		7	21	23
Total of Metals (In lakhs)	Rs	2 60	2,96	14 37
	Ts	0 72	0 78	5 30
Total of ores and minerals	Rs	9,65	18,03	26,85
	Ts	11 04	15 10	24 45

Mica (Value- Rs in lakhs Quantity in thousand cwts)

—		1950 51	1951-52	1952 53
Blocks	V	1,89	4,40	4,06
	Q	21	33	28
Splittings	V	8 03	8,72	4,85
	Q	248	231	101
Ground Scrap or Waste	V	8	10	9
	Q	137	144	155
Total of Mica	V	10,00	13,21	8 99
	Q	407	408	284

Miscellaneous (Value—Rs in lakhs)

—	1950-51	1951 52	1952 53
Animals Living	37	50	49
Cattle	2 3	0 7	2 7
Sheep and Goats	27 0	37 1	33 9
Apparel	1,11	82	1,03
Art, Works of	34	71	52
Asbestos	0 6	1 2	4 8
Bones	1,10	2,28	2 21
Books	41	52	49
Boots and Shoes	66	1,03	2 11
Bristles	49	60	46
Chemicals and Chemical Preparations	79	1 42	1,28
Glycerine	N A	N A	90
Coffee	1 35	55	1,38
	(2,677 tons)	(804 tons)	(2,190 tons)
Cordage and Rope of Vegetable Fibre	46	69	64
Drugs and medicines	1,18	2,12	1,86
Earthenware and Porcelain	2	2	3
Fibre for Brushes and Brooms	78	94	55
Fish	2,46	3,28	3,78
Hair	—	77	26
Hardware and Cutlery	70	89	99
Jewellery	1	4	24
Kapok	46	77	56
Machinery and Millwork	37	55	75
Bonemeal	50	3	5
Manures	1 38	3,46	28
Opium	2 01	1,73	97
Paraffin Wax	2,26	2,82	1 33
	(20,051 tons)	(31,759 tons)	(18,519 tons)
Perfumery	15	17	19
Plants Living	0 36	2	5
Plastic Goods	N A	6	13
Precious Stones and Pearls unset	6	23	31
Printing and Lithographing Machinery	7	9	9
Provisions and oilman s stores	84	1,92	1,62
Salt	2	16	52
Soap	6	32	33
Sugar	17	57	4,26
Flax	3	0 2	3
Haberdashery and Millinery	1 64	2 46	2,53
Hemp Raw	1,28	2,48	1,44
	(13,556 tons)	(20,850 tons)	(16,800 tons)
Hemp manufactures	3	7	5
Toilet Requisites	N A	11	16
Toys and Requisites for Games	8	17	19
Umbrellas	2	4	4
Vehicles	9	10	17
Wax	7	12	6
Wood and Timber	77	97	1,16
Wood and Timber Manufactures	2	4	10

Oils (Value —Rs in lakhs Quantity in thousands)

—			1950-51	1951-52	1952-53
Essential					
Lemon grass oil	V		1,33	1,49	39
	Q	lb	1,147	1,094	840
Palmarosa oil	V		39	27	21
	Q	lb	167	103	139
Sandalwood oil	V		73	33	49
	Q	lb	210	66	125
Total Essential	V		2,50	2,11	49
	Q	lb	1,574	1,289	1,148
Non-Essential					
Castor	V		4,35	6,57	7,65
	Q	cwt	485	470	747
Groundnut	V		16,74	4,32	10,46
	Q	cwt	1,663	404	1,364
Linseed	V		1,10	5,66	4,66
	Q	cwt	113	501	565
Mustard	V		3	5	9
	Q		2	3	9
Total Non-Essential	V		23,18	20 65	23,95
	Q	cwt	2,390	1,766	2,864
Total of Oils	V		25,72	22,76	26,09
	Q		29,160	21,446	34,301

Paints and Painters' Materials (Value—Rs in lakhs)

—	1950-51	1951-52	1952 53
Graphite and other paints and colours	11	47	12
Turpentine	4	10	3
Other sorts of painters materials	3	8	13
	18	65	28

Paper and Pasteboard, etc (Value—Rs in lakhs)

—	1950 51	1951 52	1952 53
Paper	24	27	56
Pasteboard, Millboard and Card board	0 67	0 26	7
Paper making materials	68	1 17	30

Rubber (Value—Rs in lakhs)

—		1950 51	1951 52	1952 53
Raw Rubber	V	20	9	4
	Q m lb	2 1	0 3	0 2
Pneumatic Covers	V	54	54	1 23
	Q m lb	0 09	0 08	0 14
Pneumatic Tubes		17	9	10
Other sorts		94	44	10

Seeds (Value—Rs in lakhs Quantity in thousand tons)

—		1950 51	1951-52	1952 53
Oilseeds Essential	V	91	1,21	60
	Q	6 4	7 0	4 8
Oilseeds Non-essential				
Castor	V	5,92	16	38
	Q	78 6	1 2	4 3
Groundnuts	V	3 57	2,35	1,40
	Q	38 4	19 7	12 7
Linseed	V	5,67	70	0 5
	Q	67 6	7 3	0 07
Mowra	V	—	—	—
	Q	—	—	—
Mustard	V	1	3	0 4
	Q	0 09	0 2	0 05
Niger	V	24	41	1,29
	Q	3 3	4 5	19 8
Sesamum	V	12	29	25
	Q	0 9	2 3	2 3
Other sorts	V	51	2,58	54
	Q	7 5	37 8	11 2
Other than oilseeds	V	33	23	20
	Q	3 3	1 3	1 4
Total Seeds	V	17,29	7 96	4,66
	Q	206	81	57

Spices (Value—Rs in lakhs Quantity in thousand cwt)

—		1950 51	1951 52	1952 53
Betelnuts	V	6	7	7
	Q	4 7	3 3	4 1
Cardamoms	V	1 47	1 64	1 64
	Q	12 4	13 9	19 4
Chillies	V	80	1 10	1,82
	Q	61 1	86 9	202 2
Ginger	V	92	85	52
	Q	43 9	52 4	61 3
Pepper	V	20,40	23,22	15,96
	Q	307 9	298 3	246 2
Turmeric	V	1,26	1 00	47
	Q	205 6	211 7	152 6
Total of Spices	V	24 93	27 89	20 48
	Q	636 7	666 9	689 5

Tea (In million lb)

—	1950 51	1951 52	1952 53
United Kingdom	287 0	287 7	281 3
U S A	37 6	26 7	29 6
Canada	21 0	19 1	22 6
Egypt	3 5	3 6	13 2
Australia	16 9	6 4	12 6
Kuwait	5 0	8 1	9 0
Netherlands	3 9	5 9	7 6
Total Exports	430 2 (Rs 79,87 lakhs)	425 5 (Rs 93 36 lakhs)	423 7 (Rs 80,30 lakhs)

Textiles

COTTON RAW (Value—Rs in lakhs Quantity in thousand tons)

—		1950 51	1951 52	1952 53
Japan	V	31	5,53	11,14
	Q	1 4	8 6	38 6
U S A	V	2 19	4,71	1 62
	Q	5 8	8 7	6 6
France	V	5	22	1 23
	Q	0 2	0 4	4 7
Western Germany	V	6	9	1,06
	Q	0 2	0 1	3 9
Total	V	4,94	13,68	19,32
	Q	14 6	22 98	70 8

COTTON WASTE (Value—Rs in lakhs Quantity in thousand cwt)

—		1950 51	1951 52	1952-53
United Kingdom	V	4,26	1,84	2,76
	Q	387	136	300
U S A	V	1,08	86	1,16
	Q	291	148	277
Japan	V	1,01	29	1 75
	Q	49	14	196
Total	V	12,41	7 35	9 62
	Q	1,307	623	1,257

COTTON MANUFACTURES (Value—Rs in lakhs Quantity in millions)

		1950 51	1951 52	1952 53
Twist and Yarn	V	17 07	1 97	4 25
	Q lb	74 5	6 2	17 3
Piecegoods	V	116,68	51 67	61 33
	Q yds	1,270	424	615
Hosiery	V	86	1 79	98
	Q			
Piecegoods (Handlooms)	V	10,88	9 17	8 69
	Q yds	59 8	39 96	54 4
Piecegoods Mill made Grey	V	42,78	22,44	17,02
	Q yds	555 0	219 1	212 1
Piecegoods Mill made White Bleached	V	23,18	6,68	10 65
	Q yds	251 3	58 9	115 6
Piecegoods Mill made Coloured, Printed or Dyed	V	39 83	13 37	24,97
	Q yds	403 6	105 5	232 6
Cotton Manufactures	V	136 71	58 10	69,32

JUTE MANUFACTURES (Value- Rs in lakhs Quantity in millions)

		1950 51	1951 52	1952 53
Twist and Yarn Manufactures	V	1 04	1,32	22
	Q lb	10 6	7 5	2 5
Sacking Gunny Bags	V	51 76	122 92	57,33
	Q Tons	0 326	0 446	0 354
Hessian ,,	V	3 42	12 32	3 67
	Q Tons	0 018	0 026	0 016
Sacking ,, Cloth	V	1 59	3 35	1,61
	Q Tons	0 009	0 011	0 009
Hessian ,, ,,	V	51 01	121 23	61 60
	Q Tons	0 254	0 276	0 296
Rope and Twine	V	1 14	1 33	1 00
	Q cwt	0 140	0 110	0 129
TOTAL—Jute manufactures including Twist and Yarn	V	113 95	269 96	129 06
	Q Tons	0 650	0 808	0 707

OTHER TEXTILES, RAW AND MANUFACTURED (Value—Rs in lakhs Quantity in thousands)

		1950 51	1951 52	1952 53
Silk, Raw	V	14 5	36 5	15 7
	Q lb	862	868	712
Silk Manufactures	V	16 6	26 4	20 6
Artificial Silk Piecegoods	V	97	1 17	49
	Q yds	6 990	8 414	3 497
Wool, Raw	V	7 87	4 90	8 42
	Q lb	25,371	18 295	37 979
Wool manufactures	V	6 07	6 49	3 27
Carpets and Rugs	V	5 56	5 88	2 79
	Q lb	14,091	11 591	7 121
Miscellaneous—Raw	V	4	6	8
,, —Manufactured	V	9	8	3
Total—All Textiles, Raw Material	V	26 7	28 82	39 04
Total—All Textile Yarns and Fabrics	V	259 66	338 60	204,99

Tobacco (Value—Rs in lakhs Quantity in million lb)

		1950 51	1951 52	1952 53
Tobacco unmanufactured	V	13 05	14,12	11,98
	Q	93 03	100 35	75 14
Tobacco manufactured	V	2 16	2 82	1 47
	Q	5 25	7 11	4 25
Bidis	V	N A	N A	1 35
	Q	N A	N A	3 6
Cigarettes	V	60	1 12	6 03
	Q	0 8	1 66	0 87
Total of Tobacco	V	15,21	16 93	13,46
	Q	98 29	107 46	79 39

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LIST OF IMPORTED COMMODITIES

Below we give a list of commodities imported into India with the exact quantity and value for 1952-53. In general commodities the value of whose imports is less than Rs one lakh are omitted. This is a more detailed list than the one before.

	Quantity	Value
		Rs
Animals		
Horses	427 nos	21,381
Other kinds of animals	1,294	1,11,708
Apparel		
Hats caps bonnets and hatters ware	—	3,34,771
Waterproofed clothing	—	212
Arms Ammunition, Military Stores —		
Shotgun cartridges, filled	13,290,237 nos	30,31,722
Rifle and other cartridges, filled	2,67,339 ,,	2,92,919
Cartridge cases, empty	526,326	80,971
Explosives		1,93,37,756
Firearms	35,700 ,,	62,82,166
Firearm parts	—	8,22,758
Gunpowder	198,511 lb	3,04,315
Total arms and ammunition	—	3,20,81,537
Art Works of (other than pictures)	—	47,148
Asbestos, raw	171,386 cwt	1,13,69,891
Asbestos manufacture (packing sheets cement)	—	2,81,226
Baskets and basketware	—	1,483
Belting for machinery (cotton hair, leather, etc.)	—	1,60,77,792
Bobbins	—	33,49,589
Books, maps charts	35,727 cwt	99,92,887
Boots and shoes	5,812 pairs	23,212
Bristles and fibre	130 cwt	32,863
Brushes and brooms	70,404 doz	8,61,131
Building Material		
Asphalt	183,350 tons	5,28,01,946
Fire bricks	1,99,348 nos	30,71,971
Cement, Portland	1,394 tons	3,71,226
Cement (other kinds)	2,154	8,40,125
Tiles	908,291 nos	2,99,640
Total of building material	—	5,94,87,803
Buttons	68,080 gross	3,18,310
Canes and rattans	12,638 cwt	8,72,342

Chemicals (excluding Manures, Medicines)

Acetic acid	17,647 cwt	17,82,208
Carbolic acid	3,659 ,,	4,05,548
Citric acid	1,933 ,,	2,86,312
Formic acid	1,115 ,,	1,13,300
Tartaric acid	2,611 ,,	3,74,836
Total for all acids	30,340 ,,	40,68,454
Ammonia anhydrous	1,960 ,,	1,44,242
Ammonia carbonates	1,881 ,,	1,06,350
Ammonia Muriate	47,539 ,,	20,17,063
Arsenic and its oxides	1,990 ,,	1,77,834
Bleaching materials	54,978 ,,	14,02,249
Calcium carbide	104,212 ,,	35,86,011
Copper sulphate	16,640 ,,	12,17,150
Disinfectants	41,467 ,,	38,66,042
Magnesium compounds (other than chloride and sulphate)	9,619 ,,	5,86,032
Phosphorus	2,590 ,,	6,94,886
Potassium chlorate	18,294 ,,	12,47,374
Potassium compounds (other than bichromate, chlorate cyanide)	12,700 ,,	12,89,526
Sodium carbonate	1,631,769 ,,	2,54,20,441
Sodium cyanide	9,069 ,,	7,02,983
Caustic soda	5,11,049 ,,	1,45,71,171
Sodium hydrosulphite	42,936 ,,	46,89,179
Sodium sulphide	12,668 ,,	4,42,108
Sulphur	1,478,818 ,,	2,50,70,924
Zinc chloride	4,935 ,,	3,61,932
Other sorts of chemicals	—	3,18,81,676
Total of chemicals	—	12,68,30,446
China clay	216,698 ,,	17,92,609

	Quantity	Value
Clocks and watches		Rs
Clocks and time-pieces	226,188 nos	21,70,497
Watches	213,960	52,66,393
Parts of clocks and watches	—	1,84,040
Total of clocks and watches	—	83,20,930
Cordage and rope	1,028 cwt	1,64,839
Cork manufactures	13,013	2,67,613
Cutlery		
Safety razors	70,670 doz	1,79,263
Razor blades	1,036,679 gross	34,10,398
Other kinds of razors	13,954 doz	3,44,586
Cutlery (other than what is mentioned and pruning knives)	—	19,44,666
Total of cutlery	—	83,18,272

Drugs and Medicines

Asafoetida	7,689 cwt	13,65,780
Camphor	495,913 ,,	11,22,890
Liver extracts	—	8,92,497
Paludrine	—	13,69,787
Penicillin and its products	—	1,64,58,176
Proprietary and patent medicines	—	23,35,113
Quinine salts	72,410 lb	19,25,286
Saccharine	—	8,76,006
Streptomycin and other antibiotics	—	2,45,17,306
Sulpha drugs	—	95,64,280
Total of drugs and medicines	—	11,31,99,962

Dyeing and Tanning Substances

Tanning barks	43,070 cwt	10,93,223
Dyeing and tanning (Cutch and and gambier)	36,444 ,,	43,44,177
Congo, red	393,210 ,,	10,23,350
Naphthols (dyes)	968,750 lb	90,42,187
Rapid fast colours	254,324 ,,	40,09,258
Bases	660,340 ,,	5,76,960
Indigo	346,706 ,,	18,39,299
Paste (vats)	79,080 ,,	10,00,425
Powder (vats)	670,639 ,,	3,03,59,038
Sulphur, black	1,147,096 ,,	24,00,135
Metanil yellow	118,461 ,,	1,14,094
Saffron	15,103 ,,	15,86,552
Wattle extracts	130,527 cwt	67,79,190
Other sorts (including lac dye)	33,758 ,,	16,68,778
Total of dyes and tanning substances	—	9,06,41,779
Earthenware and porcelain		
Sanitary ware	—	25,42,292
Other kinds	—	12,73,096
Porcelain	—	5,09,020
Total of earthenware and porcelain	—	43,24,408
Fish		
Fish dry unsalted	48,909 cwt	7,44,703
Fish salted	8,990 ,,	3,17,974
Fish, wet salted	12,392 ,,	5,55,368
Other sorts of fish	1,825 ,,	2,06,310
Total of fish	73,270 ,,	18,82,692
Fodder bran and pollards	31,427 ,,	6,47,672

Fruits and Vegetables

—	Quantity	Value
		Rs
Coconuts	1,553,153 nos	3 84,85¹
Other fresh fruit	—	24,59 388
Total of fresh fruit and vegetables	—	28,50 028
Almonds	3,773 tons	1 23,70,092
Cashewnuts	51,682 ,,	4,65,83,818
Currants and raisins	3 045	40 89 27o
Dates	62,847 ,,	2,37 26 45o
Other sorts of dried preserved fruit	2 001 ,,	34 63,191
Total of fruits and vegetables dried, etc	123 348 ,,	9,02 32,831
Total of all fruits and vegetables	—	9,30,82 8 59
Furniture and Cabinetware		15 50 953

Glass and Glassware

Beads and false pearls	2 416 cwt	12 03 930
Bottles and phials	92,088 gross	12 00,078
Funnels globes glass parts of lamps	—	3 80 091
Scientific glassware	—	4 86 646
Sheet and plate	197,355 sq ft	57 25,456
Tableware	—	1 36 692
Other glassware		36,72,348
Total of glass and glassware	—	1 28 05 201
Glue	5,470 cwt	5 68 419

Grain, Pulse, Flour

Barley	—	2 54 541
Jawar and bajra	—	1 37 845
Milo and sorghum	—	22 3 17,720
Pulses		
Dry beans	—	16 23,000
Gram and gram products	—	80,77 969
Other sorts	—	1,52,24,132
Total of pulses	—	2 49,25 101
Rice not in husk	—	43 03,08,700
Semolina	—	12,19 676
Wheat	—	81 82 41,390
Wheat flour		3 05 11 510
Other sorts	—	19 15,096
Total of grain, pulse and flour	—	1 53 10 31 579
Graphite crucibles	1,520 cwt	1,56,490
Gums and resins		
Arabic	64 233 ,,	39,43 860
Benjamin	3,295 ,,	9 45 698
Dammer (resins)	32 799 ,,	13 32,237
Olibanum or frankincense	2 111 ,,	1,07 910
Rosin	2,273 ,,	1,14 171
Other sorts	19,167 ,,	19,60 838
Total of gums and seeds	123,878 ,,	84,04,714
Hair and manufactures	—	2,33,450

Hardware (excluding Cutlery, Electroplated Ware)

Agricultural implements	—	1,46,888
Builders hardware (locks, door bolts etc)	—	15,70,080
Domestic hardware (other than enamelled hardware)	—	6,73 600
Enamelled ironware	—	2 64,786
Hinges	231 077 gross	42,48,412

Hardware (excluding Cutlery, Electroplated Ware)—(*Contd*)

—	Quantity	Value
		Rs
Grub hose (mamooties or powrahs)	9,033 doz	3,01,041
Grub hose (other than mamooties or powrahs)	—	1,14,93,678
Lamps, oil pressure metal	37 893 nos	1 3,86 837
Lamps, metal, other kinds	—	4,22 627
Lamps, Parts of, other than glass	—	5,04 106
Hand pumps	11 750 nos	1,62,757
Stoves	46,779 ,,	7,48,141
Stoves Parts of	—	5,21,709
Other sorts (of hardware)	—	1 77 34,617
Total of hardware (excluding cutlery and electroplated ware)	—	4 04 47 566
Hides and skins, raw	871 tons	83 33,352
Hops	367 cwt	1 44,274

Instruments, Apparatus, Appliances

Electrical fans and parts	—	4 16,371
Electric wires and cables (rubber insulated)	—	78 04 373
Electric wires and cables (insulations other than rubber)	—	6 07,60 957
Telegraph and telephone wires and cables	—	10,16 925
Bare copper wire (electrolytic), other than telegraph and telephone wires	5 355 cwt	11 57 727
Total of electric wires and cables	—	7 07,59,982
Telegraph and telephone instruments and apparatus	—	38 51 185
Electric lamps and parts	305 270 nos	3 89 392
Vacuum electric bulbs	141,081 ,,	1 59 611
Electric bulbs for automobiles	1 693,323 ,,	19 80 537
Electric bulbs for torches	19 724,439 ,,	18 98 899
Electric lamps, other sorts	1 563 280 ,,	28 80,961
Electric lamp parts and accessories	—	9,66 728
Flashlights, torches and parts	6,640 635 ,,	72 90 076
Batteries for other than flashlights	—	16 82 174
Total of batteries	—	16,84 121
Carbons, electric	—	22 25 517
Accumulators	—	29 60 650
Condensers electric	—	5 57,371
Electric bell apparatus (not telegraphic or telephonic)	—	1,41,825
Electric lighting accessories and fittings	—	49 97 341
Electric meters	—	67,15,449
Total of electric instruments (other than meters, telegraph or telephone)	—	20,79 763
Electro medical apparatus	—	28 72,308
Switchboards, electrical	—	5 26,071
Electric porcelain ware	—	4,42,757
Electrical goods and apparatus not enumerated	—	2,23,04,630
Total of electrical apparatus, etc not being machinery	—	13,81,42,194
Musical accessories	—	10,90,194
Musical instruments (other than talking machines records, accessories) and parts	—	4,66,279
Total of musical instruments	—	16 25,588
Optical	—	37,39,187
Photographic		
Cinema projecting apparatus, and parts and accessories	—	25,57,920
Sound recording apparatus, and parts and accessories	—	10 70,227
Cinematograph raw films	247,641,494 ft	1,66,07,520
Cinematograph exposed films	12,946 856 ,,	39,69,429
Total of cinematograph films	260,588,350 ,,	2,05,76,949
Films (other than cinematograph)	—	99,02,519
Total of photographic films	—	3,41 07,615
Scientific instruments	—	48,70,391
Surgical instruments	—	35,74,052

Instruments, Apparatus, Appliances—(*Contd.*)

	Quantity	Value
		Rs
Wireless apparatus	19,286	36,09,299
Wireless valves	67,825	16,31,236
Parts of wireless receivers other than valves	-	80,70,785
Total of wireless apparatus		1,49,90,589
Apparatus other than enumerated	--	2,10,94,274
Total of instruments apparatus		22,21,43,830
Ivory, unmanufactured	26,118 lb	29,69,999
Ivory, manufactured	-	2,542
Total of ivory	--	28,72,541
Jewellery		40,415
Plate of gold and silver	—	6,38,100
Fur	1,995 cwt	1,11,114
Leather, unwrought		6,91,670
Leather cloth	—	3,22,207
Leather pickers	203 ,,	2,11,418
Leather picking bands and straps	303 ,,	2,47,207
Leather roller skins	125 ,,	3,20,123
Total of leather	—	18,70,776

Liquors

Ale and beer in bottle	1,030,277 gls	53,53,825
Total of ale and beer	1,030,539 ,,	53,55,178
Stout and porter	28,648 ,,	2,03,744
Brandy	27,484 ,,	12,16,309
Gin	21,911 ,,	4,87,360
Liqueurs	10,804 ,,	4,26,366
Whisky	183,207 ,,	56,49,015
Drugs, medicines, etc containing spirits	190,240 ,,	86,63,349
Total of spirits	458,768 ,,	1,74,87,381
Wines	58,879 ,,	17,97,829
Total of liquors	1,591,751 ,,	2,46,67,400

Machinery and Millwork

Prime Movers (other than electrical)		
Locomotive oil engines (including for railways)	109 nos	42,98,877
Locomotive oil engines (including for railways) parts	—	9,10,468
Locomotive steam engines (including for railways)	31 nos	28,60,799
Parts of above	—	64,25,192
Railway locomotive engines and tenders and parts	—	4,73,106
Parts of gas engines	—	1,46,908
Oil engines (other than locomotives) for marine purposes	85 nos	7,22,888
Total of oil engines other than locomotives	17,699 nos	4,04,25,324
Parts of oil engines	—	1,96,81,535
Steam engines (other than locomotives)	10 nos	4,06,736
Parts of steam engines (other than locomotives)	—	10,07,010
Total of prime movers	—	8,95,92,697
Electrical machinery		
Control and switchgear	—	5,48,35,568
Generators, alternators, dynamos	—	2,46,30,075
Motors	-	1,22,90,168
Transformers	—	1,44,24,891
Turbo generating sets		1,29,83,785
Others		5,23,20,326
Total of electrical machinery		17,14,84,773
Machinery (other than prime movers or electrical)		
Aerated water-making machinery	—	2,44,758
Agricultural tractors and parts	--	3,36,54,738
Ploughs and parts	—	37,34,350

Machinery and Millwork—(*Contd.*)

	Quantity	Value
		Rs
Air compressors	—	87,80,533
Boilers	-	4,18,96,081
Boot and shoe manufacturing machinery		11,73,718
Earthmoving and shifting machinery	—	1,35,29,416
Excavating machinery	—	18,21,044
Leather tanning and curing machinery	—	3,33,117
Metal working machinery		
Machine tools (drilling, grinding, milling planing shaping, lathes)	—	1,93,67,485
Other machine tools	—	1,17,21,810
Total of metal working machinery	—	3,10,89,295
Mining Machinery		
Coal mining	—	37,58,190
Mining (other than coal)	-	1,19,13,914
Total of mining machinery	-	1,56,72,104
Oil crushing and refining machinery	—	6,70,171
Paper mill machinery	-	1,44,46,633
Pumping machinery		
Pumping machinery (reciprocating)	—	6,51,693
Centrifugal machinery (including turbine pumps)	—	80,62,889
Total of pumping machinery	—	2,44,34,501
Refrigerators (domestic)	4,020 nos	33,83,743
Refrigerators (other than domestic)	—	50,25,094
Total of Refrigerators	-	84,08,837
Rice and flour milling machinery		
Flour mill machinery		9,24,930
Rice mill machinery	--	6,43,336
Total of rice and flour mill machinery	—	15,68,266
Saw mill and wood working machinery	—	47,61,437
Sewing and knitting machines		
Sewing machines	20,003 nos	54,30,455
Knitting machines	481 ,,	9,94,052
Total of sewing and knitting machines	—	64,24,507
Parts of sewing and knitting machines and accessories	—	25,24,115
Total of sewing and knitting machines and of parts	—	89,48,622
Sugar machinery	—	64,24,283
Tea machinery	—	82,94,082
Cotton textile machinery		
Bleaching and dyeing machinery	—	29,18,939
Printing machinery	-	31,18,171
Spinning machinery	--	4,18,35,938
Weaving machinery	-	1,92,15,001
Other sorts		2,63,81,106
Total of cotton textile machinery	—	9,34,69,155
Jute machinery	—	1,77,82,932
Shuttles (excluding those for sewing machines)	—	32,09,438
Wool machinery	—	32,50,130
Other textile machinery not enumerated	—	4,67,72,661
Total of all textile machinery	—	16,44,84,316
Typewriters	17,792 nos	66,84,386
Parts of typewriters and accessories	—	11,30,018
Other sorts of machinery and mill work not enumerated	-	18,79,42,891
Total of all machinery and millwork	--	85,70,21,440

Manures (excluding oil cakes)

	Quantity	Value
		Rs
Nitrate of soda	9,765 tons	32 21 606
Ammonium sulphate	19 938 ,,	80 46 170
Other nitrogenous manures	7 054 ,,	29,71 416
Muriate of potash	4 930 ,,	14 46 463
Other potassic manures	305 ,,	1 12 031
Superphosphate	2,079 ,,	9 17 236
Other phosphatic manures	13 469 ,,	13 30 862
Ammonium phosphate	1 350 ,,	8 16 331
Other compound manures	7,501 ,,	8 80 891
Total manures (excluding oil cakes)	64,221 ,,	2,02 79 306
Safety matches	394 gross boxes	1,864
Other sorts of matches	9 ,,	87
Total matches	403 ,,	1,951
Mats and matting (except coir and rubber)	123,450 sq yd	44 139

Metals and Ores

		Rs
Aluminium (unwrought)	23 731 cwt	33 30 805
Aluminium (wrought)	4 978 ,,	9 41 384
Aluminium (sheets)	12,049 ,,	22,14,498
Aluminium (other manufactures not specified)	80,019 ,,	1 75 26 644
Total of aluminium	120,777 ,,	2,40,33 031
Antifriction metal	268 ,,	1,36,598
Brass, bronze and similar alloys		
Unwrought	87 cwt	16 708
Yellow metal sheets	265 ,,	69 164
Rods	8 087 ,,	16,39 449
Sheets	1,214 ,,	3 25 498
Tubes	2,552 ,,	7 56 560
Wire	909 ,,	2 81 357
Wood screws	993 ,,	3 97 550
Others not enumerated above	17,775 ,,	35 87,896
Total of brass, bronze etc	31,882 ,,	70 74 482
Copper		
Old copper for remanufacture	3,494 ,,	4,48 521
Unwrought (tiles, ingots, cakes, bricks, slabs)	148,149 ,,	2 32,40,556
Other sorts unwrought	241,694 ,,	1,85 67,260
Total of unwrought copper	389,843	7,18,07,816
Rods	149	38 827
Sheets	942 ,,	2,23 915
Tubes	1 076 ,,	3 66 751
Wire (excluding telephone, and telegraph)	265 ,,	72,792
Other copper manufactures (not enumerated)	16,444 ,,	32,86,967
Total of copper wrought	18 876 ,,	3 89,242
Total of copper (excluding ore)	412 213 ,,	7,62 45,579
Ferro alloys	1,293 tons	32,93 930
German silver (including nickel silver)	9 406 cwt	12 60 028
Iron ore	506 tons	96 588
Pig iron	20 ,,	13 567
Iron angle tee, bolt rod	40 ,,	29 418
Iron bars and channels	35 ,,	30,091
Total of iron (excluding ore)	95 ,,	73 076
Steel		
Steel angle and tee	380 ,,	2,69,178
Steel springs	—	2,291
Steel bars (other than cast steel) under ½" round or square	13 ,,	11,918
Steel bars (other than cast steel) others	14 514 ,,	1,23,31,890
Total steel bars (other than cast steel)	14,527 ,,	1,23,43,808
Cast steel tool high speed	933 ,,	44,01,073
Cast steel tool carbon	92 ,,	1,69 482
Cast steel bars	3 ,,	3,646

Metals and Ores—(*Contd.*)

	Quantity	Value
		Rs
Cast steel (not enumerated above)	49 tons	36,031
Total of cast steel	1,077 ,,	47,00,232
Steel ingots, blooms, billets, slabs	29,037 ,,	1,59,83,887
Total of steel	45,021 ,,	3 32,99,396
Iron or steel		
Anchors and cables	83 ,,	1,22,473
Beams channels pillars, girders and brickework	619 ,,	7 41,662
Bolts and nuts	3,206 ,,	60,54 542
Fencing material (including fencing wire)	1,772 ,,	20 57,512
Hoops and strips	10,795 ,,	1,05,07,706
Nails rivets and washers (excluding wire nails)	5,269 ,,	84 11 768
Old for remanufacture	830 ,,	9,90 618
Pipes and fittings (cast)	3 029 ,,	40 58,892
Rails chairs and fish plates (including those for railway)	1,030 ,,	9 25 530
Screws (wood)	1 588 ,,	39,30 959
Screws (metal thread)	313 ,,	8 60,430
Total of screws	1,901 ,,	47,91,389
Sheets and plates, corrugated (galvanized)	44 ,,	63,679
Sheets and plates, plain (galvanized)	929 ,,	9 51,616
Total of sheets and plates (galvanized)	973 ,,	10,15 295
Tinned tin plates	33,370 ,,	4,08,34 792
Tinned (other than tin plates)	245 ,,	4,34 452
Tinned total	33,284 ,,	4,12,69 244
Sheets and plates (not galvanized or tinned)		
Sheets upto ½" thick	3,992 ,,	82 33 145
Plates over ½" thick	3 209 ,,	19,20 721
Other sorts	9,869 ,,	79,03,302
Total of sheets and plates (not galvanized or tinned)	17,070 ,,	1,80,57 168
Total of sheets and plates	51,867 ,,	6,03,41,707
Sleepers and keys of steel or iron for railways	458 ,,	3,37,402
Tubes, pipes and fittings (wrought) upto 6" in diameter	21,035 ,,	2,97,06,940
Tubes pipes and fittings (wrought) others	19,055 ,,	2,90 32,105
Total of tubes, fittings (wrought)	41,090 ,,	5,87 39,045
Wire nails	1,601 ,,	13,53,853
Wire rope (black)	5,049 ,,	89,36,408
Wire rope (galvanized)	1,822 ,,	34,51,196
Total of wire rope	6,871 ,,	1,23,87,604
Wire (other than fencing wire)	17,202 ,,	1,82,46,766
Iron and Steel (other manufactures)	8,529 ,,	1,16,72,242
Total of iron and steel	156,152 ,,	20,43,40,711
Lead (unwrought) ore	49 ,,	1,13,680
Lead (pig)	59,548 cwt	56,85,398
Lead (other sorts)	2,964 ,,	2,49,762
Sheets	3,417 ,,	4,43 817
Pipes and tubes	594 ,,	1,19,043
Other sorts (wrought)	480 ,,	58,330
Quicksilver	2,621 lb	33 871
Solder	714 cwt	2,85,861
Tin (unwrought) blocks, ingots, bars slabs	40,232 ,,	2,47,45,324
Tin (wrought) tin foils	4 ,,	3,388
Tin (wrought) other sorts	336 ,,	1,41,969
Total of tin	40,572 ,,	2,48,90,681
Zinc or spelter (unwrought)	403,712 ,,	3,91,16,528
Zinc (wrought or manufactured)	22,178 ,,	32,80 005
Zinc (other sorts)	35,259 ,,	30,22,607
Total of zinc or spelter	461,149 ,,	4,54,19,140
Metals (unenumerated)	10,558 ,,	43,75,965

Metals and Ores –(*Contd.*)

——	Quantity	Value
		Rs
Ores (unenumerated)	2 779 tons	19 13,340
Total of metals	260,288 ,,	13 13 18,999
Total of ores	3 334 ,,	21 23 608
Mica splittings	370 cwt	1,20,696
Total mica (blocks and splittings)	379 ,,	1 66 403

Oils

Animal oils, fish or whale (hardened)	33› cwt	21 298
Animal oil, fish or whale (others)	37,22› gal	1,98 316
Essential oils	91,486 ,,	77,33 062
Mineral oils (kerosene)	265,830 349 ,,	21,74 96 730
Fuel oils (diesel)	156,693,733 ,,	9,14,18 213
Fuel oils (others)	161,002,943 ,,	›,46,8‹ 179
Total of fuel oils	317 696 676 ,,	14,91 33 122
Lubricating oils (batching oils)	21,337 298 ,,	1 78 ‹8,32›
Lubricating oils (other)	39,729,994 ,,	11 ›1 83 452
Total of lubricating oils	61,067,292 ,,	13,10,41 777
Petroleum motor spirit (including petrol benzine, benzol)	243,404,737 ,,	2›,18,31 324
Petroleum (other than motor spirit)	4 866 123 ,,	74,28 426
Total of petroleum	248,270,860 ,,	2› 92,›9 750
Paints, solutions compositions (dangerous)	76 124 ,,	7 7› 171
Mineral oils (other kinds)	5 863,›62 ,,	1,04 › 824
Total of mineral oils (other than kerosene)	632,974,›14 ,,	›› 06 ›6 244
Mineral grease, including petroleum jelly	7,768,563 lb	›1,›6 ›72
Vegetable (non essential) oils		
Coconut oil	5,873,692 gal	3,08 19 923
Other sorts of oil (excluding linseed)	1,343 324 ,,	›6,79 386
Total of vegetable non essential oils	7,217,593 ,,	3 6‹ 06 844
Total of oils	—	›1 77 69 82›
Oil cloth and floor cloth	167,728 sq yd	2 19 53›
Packing, engine and boiler of all kinds excluding asbestos	—	› 99 ›46

Paints and Painters' Material

Paints and colours		
Blue paint or Paris blue	21,397 cwt	24 ›6 79‹
Graphite	7,127 ,,	4 55,3››
Lithophone (dry)	29 918 ,,	11 ›3,426
Other sorts (than those mentioned above and red lead, white lead, zinc) white dry	15,469 ,,	2,36 597
Other sorts, coloured	20,968 ,,	42 93 778
Other sorts, white moist	7,›60 ,,	4 32,382
Other sorts, coloured	4 782 ,,	8 58,859
Total of paints and colours	111,862 ,,	99,75,632
Painters' materials		
Turpentine, genuine	36,018 ,,	9,4›,020
Turpentine, substitute	34,628 ,,	4,7›,274
Varnishes (other than enamels and lacquers)	537 ,,	1,07,945
Other kinds of painters' materials	—	10,31,›03
Total of painters' materials	—	3›,38 773
Total of paints and painters' materials	—	1,35,14,405

Paper and Pasteboard

——	Quantity	Value
		Rs
Paper		
Packing and wrapping paper, kraft including imitation	90 676 cwt	68 16,073
Manilla and sulphite envelopes	21 778 ,,	16 03,97›
Fancy including embossed paper	1,047 ,,	-
Oiled waxed and other water proof wrappings	7,871 ,,	10 67,967
Other sorts (other than those enumerated above and brown wrapping and coloured pressings)	101,714 ,,	88 86,162
Total of packing and wrapping paper	223,565 ,,	1 ‹›,07 986
Printing paper		
Machine glazed poster paper	36,432 ,,	34,20 129
White printing paper (other than machine glazed poster and litho), news printing	1 085,446 ,,	5 01 ›5 916
White printing paper (other than machine glazed poster and litho), others	78,932 ,,	44 14,768
Other sorts	95,585 ,,	59,15,818
Total of printing paper	1 296,014 ,,	6,39,4› 508
Writing paper and envelopes		
Azurelaid or wove and ledger	10,545 ,,	9 81,873
Cream	16,64› ,,	10 27,239
Other sorts of writing paper	1 27,›16 ,,	›8,98,172
Total of writing paper and envelopes	1,54,934 ,,	1,19,›5,201
Blotting paper	1,689 ,,	2,34,612
Old newspapers in bales and bags	2,65,›16 ,,	54 92 847
Other kinds of paper	64,003 ,,	8› 96,179
Paper manufactures	27,911 ,,	››,14,578
Total of paper	2 033,632 ,,	11,21,26,911
Pasteboard, millboard and card board of all kinds		
Straw boards	11 600 ,,	1 90,160
Other kinds	82,618 ,,	47,59 143
Total of pasteboard, millboard, and cardboard	95 602 ,,	›0 51,241
Total of paper and pasteboard	2 129,194 ,,	11 71 81,1›2
Paper making materials		
Pulp of wood	1 59 027 ,,	91 24,392
Rags and other materials	14,715 ,,	2 00 135
Total of paper making material	1 73,742 ,,	93 24 527
Perfumery (not being perfumed spirit)	2 08 717	2 08 717
Pitch and tar	3,392	1 ››,87‹
Plants including bulbs and seeds	-	14 ›1 126
Plastic materials and manufactures		
Synthetic resins and moulding powder	76,402 ,,	1 40 10 706
Semifabricated plastic materials		87,53,401
Finished plastic goods (not elsewhere classified)	-	11,39,››4
Total of plastic materials and manufactures	-	2 39 03,››1
Polishes		
For application to leather	-	10 06 ›05
For application to metals		7 72,190
Other sorts (excluding the two mentioned above and wood polish)	-	7,98 73‹
Total of polishes	-	25,83 756
Precious stones and pearls (unset)		
Diamonds	-	6 170
Other precious stones	—	96,147
Pearls, real and culture	--	29,69 107
Total of precious stones and pearls (unset)	—	30,71,424

Printing and Lithographing Machinery and Materials

	Quantity	Value
		Rs
Printing and lithographing presses	—	56,36,836
Printers newspaper ink	—	1 41,412
Printers rotary ink	—	1,82,295
Printers other inks (excluding those given above and duplicating ink)		5 88 037
Total of printers and lithographers ink	—	9,22,933
Printing and lithographing other materials (other than type and inks)	—	39,60 270
Total of printing and lithographing materials	—	49 56 740
Total of printing and lithographing machinery and materials	—	1 0,93 676
Prints engravings and pictures		6 49 849

Provisions and Oilman's Stores

Bacon and hams	837 cwt	2 56 156
Biscuits and cakes	326 ,,	94 080
Butter (including canned)	6 910 ,,	20,1 5,702
Canned and bottled provisions		
Canned or bottled fruit	2 296 ,,	2 50,429
Tinned or canned fish	2 353 ,,	5 66 251
Others	32 048	37 1 5 615
Total of canned and bottled	36,677	43 32 295
Cheese (including canned)	5 337	11 96,623
Cocoa and chocolate	5 987	12 59 290
Confectionery	392	1,03,777
Farinaceous and patent foods		
Milk foods	48 087	1,09 12 811
Other sorts	18 805	33,59,878
Total of farinaceous and patent foods	67 039	1 42 93 638
Jams and jellies	6 038	6,02 967
Milk (evaporated or condensed) whole including milk cream	57 713	52,70,026
Milk (evaporated or condensed) skimmed or separated	9 545	7 2 5 52
Milk (dried or powder) whole	8 86 ,,	18 11 921
Milk (dried or powder) skimmed	1,88 079 ,,	2 02,6 811
Total of milk condensed and preserved	2,43,723 ,,	2 80,73 310
Pickles chutnies sauces and condiments	2,799 ,,	4 21 283
Other sorts of provisions	58,404	43 72 793
Total of provisions and oilman's stores		5 70 96 019
Rubber raw	7,57 3 616 lb	90 18 281
Rubber (pneumatic) motor covers	4 759 ,,	11 5 5 3
Rubber (pneumatic) motor tubes	3,093 ,,	86 109
Rubber old tyres for motor vehicles	800	1 71,777
Rubber other manufactures (except apparel boots and shoes)	—	33,03 374
Total of rubber manufactures	—	58 35 441
Salt	2,070 tons	2 19 838

Seeds

Oilseeds (essential)	69 5 tons	10 04 524
Oilseed (non essential) copra	19 234 ,,	2,03 63 939
Other sorts (non essential)	60 5 ,,	3,4 5,099
Total of non essential seeds	19,839 ,,	2 07,09,038
Other than oilseeds and seed for sowing	241 ,,	7,96,539
Total of seeds	20,775	2,25 10 101
Shells and cowries	10 042 cwt	1,99,903

Seeds—(*Contd.*)

	Quantity	Value
		Rs
Smokers requisites (excluding tobacco)	—	1,91,757
Soap	1 211 cwt	1 03 144
Spices		
Betelnuts	705,936 ,,	3,26 84 056
Cassia	34,800	19 21 838
Cloves	1,052	1,83 290
Nutmegs	4 956	11 56 312
Pepper	3 834	11 61 271
Other sorts	1,122	3 28 191
Total of spices	7 1 201	3 77 38 360
Starch dextrine and farina	18 203 ,,	7 7 5,734

Stationery

Pencils		
Black lead	3 626 592 doz	16 93 786
Coloured	722 447 ,,	7 97 572
Copying	523 157 ,,	7,16 954
Total of pencils	4,872,176 ,,	32,08 512
Fountain pens	64 4 7 nos	3,72 134
Fountain pen parts (excluding nibs)		10 67 614
Total of fountain pens		14,39,748
Ink other than printers or lithographers		
Fountain pen ink		4,50 822
Others		56 846
Total of ink		5 07 668
Other sorts of stationery	—	55,84 877
Total of stationery excluding paper	—	1 07 40 603
Stone and marble	5 52 1 tons	10,90,884
Tallow and stearine		
Tallow	89,817 cwt	66,12,776
Total tallow and stearine	90 629	67,20,220
Tea	1,138 608 ,,	10 11 555
Tea chests and parts	—	59,16 752
Telephone material for construction (other than electrical)	—	14,85,051

Textiles

Cotton raw	138 397 tons	76,67,13 969
Cotton twist and yarn		
Grey unbleached above no 50	2,497 467 lb	1 83,48 962
Grey unbleached nos 21 to 80	146 346	11,48 247
Grey unbleached above no 80	29 731 ,,	2,66 928
Total of two folds (doubles)	178 276 ,,	14,25,475
Total of grey	2 680,164 ,,	1,98,02,574
White bleached above no 50	58,253 ,,	5,03,474
Total of white	62,237 ,,	5,51,718
Coloured above no 50	10,900	1,26 674
Total of coloured	10,930	1,27 129
Mercerised above no 50	15,250 ,,	1,35,976
Two folds (doubles) nos 21 80	13,464	1,33,979
Total of two folds (doubles)	21,949 ,,	2,22,981
Total of mercerised	37,199 ,,	3,58,957
Total of twist and yarn	2,797,640 ,,	2,08,78,554
Cotton manufactures		
Canvas	190,656 yd	12,08,946
Piece-goods		
Grey unbleached	18,992 ,,	1,35,833

Textiles—(*Contd*)

—	Quantity	Value
		Rs
Total bordered grey	30,353 yd	1 50 452
Total grey unbleached	49,345 ,,	2 86,285
White bleached	859,489 ,,	27,54,823
Total printed goods	104,241 ,,	2 31,993
Total dyed goods	3 391,476 ,,	86,22 980
Total woven coloured goods	146 732 ,,	5,57 040
Total coloured printed or dyed	3,642,449 ,,	94 12,013
Total of piecegoods	4,551,278 ,,	1,24 53,121
Rope	67,980 lb	2 99 574
Thread sewing or darning	1,234,095 ,,	1 21,24 635
Thread, others	125,609 ,,	18,33,854
Total of thread	1,360,604 ,,	1,39,58,489
Other sorts of cotton manufactures (including twist and yarn)	—	10 17 711
Total of cotton manufactures (including twist and yarn)		4 98,60,823
Total of cotton raw and manufactured	-	81,65,75 058
Tents (of cotton not exceeding 4 yd in length)	719,339 yd 157,983 lb	6,77,566
Total of tents	—	7,56,823
Flax		
Raw	64,920 ,	1 07 155
Manufactures		
Canvas	16 954 yd	1 03 076
Thread sewing	49 354 lb	5 03 069
Other sorts	190 797 ,,	17 69 501
Total of manufactures	—	2 79 167
Total of flax raw and manufactured	—	24 86 322
Ribbons	426 120 yd	94 129
Total haberdashery and millinery	—	1 70 779
Hemp raw	37 114 cwt	32,81 676
Hemp raw and manufactured (excluding cordage)		2 9 , 085
Jute raw	1 583 ton	7 22 230
Jute manufactures (including twist and yarn)		1 17 415
Total of jute raw and manufactured	- -	8 39,646
Silk		
Silk raw	242 176 lb	54 88 648
Silk other sorts (other than raw cocoons waste, hand reeled)	55 620	12 48 794
Total of silk raw and cocoons	297,796 ,	67 37,442
Silk piecegoods		
Crepes and georgettes	257,390 yd	5 41 207
Others (other than crepes, georgettes, fuji satins and taffetas)	113 174 ,,	1 93 435
Total of silk piecegoods	370,561 15, 375 lb	7 36 938
Total of silk manufactures	—	8,03,702
Total of silk raw and manufactures	—	75 41 144
Artificial silk yarn	22 239,238 lb	7 85 09 071
Artificial silk piecegoods	1,153,029 yd	26,34,467
Total of goods of artificial silk mixed with other materials	36,420 ,,	1,31 456
Total of artificial silk	—	8,12,78 648
Wool raw	2 406,274 lb	66,01 637
Wool tops	7,798,400 ,,	4 01,22,157

Textiles—(*Contd*)

—	Quantity	Value
		Rs
Wool, yarn and knitting		
Worsted yarn for weaving	648 749 lb	61 23 327
Knitting wool	299,665 ,,	29,42,120
Other sorts	96 822 ,,	5,49 137
Total yarn and knitting wool	1 045,236 ,,	96,14 584
Wool manufactures		
Blankets and rugs (including blankets but excluding floor rugs)	187 093 ,,	5 39 700
Carpets and floor rugs	32 330 ,,	89 578
Hosiery, woollen knitted apparel	22 149 ,,	3 37 633
Hosiery other sorts	66,637 ,,	3 59,512
Total of hosiery	88 786 ,,	6 97,145
Woollen and worsted piecegoods	1 14 740 yd 1,433 806 lb	92,27,794
Goods of wool mixed with other material	1 174 333 yd 1,151 671 lb	56 73 984
Roller cloth, clearer cloth, sizing flannel	58 915 yd 51 984 lb	4 43,775
Other sorts (other than those mentioned above and ruffle cloth shawl cloth, shawls lohis)	309,696 lb	7 13 951
Total woollen manufactures	—	6 71 63 003
Total of wool and woollens	—	7 37 64,940
Staple fibre and yarn		
Raw and waste	4 135 938 lb	65 50 187
Yarn made of staple fibre	4 311 967 ,	74 57 962
Total of staple fibre and yarn	8 447,905 ,,	1,40,08 149
Other textiles (not mentioned above) manufactured	—	30 62 753
Total textile raw materials	—	73 07 87 625
Total yarns and textile fabrics	—	21 30 64 211
Tobacco unmanufactured	5,159 064 lb	1 07 0 , 112
Tobacco manufactured		
Cigars	5 171 lb 410 885 no	81 038
Cigarettes	90 725 lb 33 812,805 no	10,41 127
Tobacco for pipes and cigarettes	11 024 lb	1 44 610
Total of tobacco	5,369 559 ,	1 80 03 186
Toilet requisites	—	38 61 472
Toys and sports and games requisites		
Toys	—	2 20 589
Playing cards	—	44 011
Other sorts	—	8 96,568
Total of toys and sports and games requisites	—	11 61,168
Umbrellas	64 no	1 993
Umbrella fittings	—	25 56,167

Vehicles

Vehicles (excluding locomotives etc for railways)		
Carriages and carts not mechanically propelled	1 069 no	11 65,660
Parts of carriages and carts (excluding rubber tyres)		13 99,727
Perambulators and children's go carts	15 ,	2,002
Total of above three items	- -	25 67,389
Cycles	197 565 ,,	2 09 44,787
Parts of cycles and accessories	—	1 35 46,322
Total of cycles and parts	—	3 44 91 109

Vehicles—(*Contd*)

——	Quantity	Value
		Rs
Aircraft	14 no	26 03,528
Parts of aircraft	—	4 54 35,175
Carriages and parts for railways	—	1,04,76,170
Wagons and parts for railways	—	2,64,13,283
Total of carriages wagons parts thereof for railways	—	3 69,19,453
Motor cars (including taxi cabs)	5 160 no	2 95 84 677
Motor cycles (including scooters)	2 403 ,,	37 10,778
Motor omnibuses and motor vans		
Imported with bodies	112 ,,	8 33 360
Chassis	3 525 ,,	2 88,26,512
Total of motor omnibuses and vans	3 637 ,,	2 96,59,872
Tram cars	166 ,,	10 09,686
Other sorts of mechanically propelled vehicles	—	1,39 93 269
Parts of mechanically propelled vehicles and accessories other than aircraft (excluding rubber tyres)	—	7,79,37,225
Total of mechanically propelled vehicles	—	24,08,53,663
Vessels non combat (exceeding 100 tons)	1 no	27,67,636
Other ships (including launches and boats)	9 no	8 85 520
Parts of vessels	—	1,91,232
Total of vessels	—	38,44 628
Total of vehicles	—	28,17 56 789
Wax of all kinds other than paraffin and candles	4,583 cwt	9 01 744

Wood and Timber

Deal and pine wood	1,835 tons	11,38 328
Teak wood	17 346 ,,	1,45 79 221
Manufactures of wood (other than furniture cabinetware, laminated wood)	—	35 01 475
Total of wood and timber	—	2 59,02 239
Postal articles not specified	—	3,61 54 889
Articles imported as baggage not otherwise specified	—	46,31 180
All other articles of merchandise (unmanufactured)	—	5 90,009
All other articles of merchandise (manufactured)	—	2 89,91 352
Total value of imports	—	632 95 37 131

COMMODITIES EXPORTED

Below are given the exact quantity and value of the commodities exported during 1952 53 Generally speaking those commodities the export value of which is less than one lakh are omitted

——	Quantity	Value
		Rs
Animal		
Cattle	243 no	2,69 610
Sheep and goats	68,953 ,,	33,92,174
Other kinds (excluding cattle, horses, sheep, goats)	487 026 ,,	12 51,545
Total animals	556,223 ,,	49,14,254
Apparel (excluding hosiery, boots shoes)	—	1,63,49 018
Arms, ammunition, military stores	—	3 89,954
Art works of	—	52 37 177
Asbestos raw	1 132 cwt	3 16 794
Asbestos, manufactures	—	1,61,911
Total of asbestos	—	4,78,704
Belting for machinery	—	1 79 357
Bones crushed and bonegrists	70,478 tons	2,20,26,557
Bones other sorts	293	1,18,651
Total of bones for manufacture	70,771	2,21,45,208
Books, including maps, charts	18,768 cwt	48,99,342
Boots and shoes		
All leather	998,982 pairs	1,17,19,393
All rubber	302,507 ,,	7,99 447
Rubber soled with canvas uppers	1,777,999 ,,	28 48 406
Others	705,052 ,,	57,36,193
Total of boots and shoes	3 184,540 ,,	2,11,03,439
Bristles	3,250 cwt	46,45,290
Building and Engineering materials other than iron, steel or wood		
Bricks	632 544 no	9,80,857
Cement	44 600 tons	51,84,700
Magnesite	785,091 cwt	41,53,884
Tiles	65,502,665 no	1,04,61,996
Other kinds (excluding those enumerated above and chalk and lime)	19,985 cwt	8,27,481
Total of building and engineering material	—	2,16,10,911
Buttons	21,749 gross	1,63,093
Chemicals and chemical preparations		
Glycerine	60,753 cwt	90 06 329
Magnesium chloride	30,997 ,,	3,10,222
Total of chemicals and chemical Compounders	—	1,27,28,932
Coal	2,100 546 tons	7,66,21 283
Coke	48,591 ,,	23,87,165
Total of coal and coke	2,149,137 ,,	7,90,08,448
Coffee	43,812 cwt	1,38 17 734
Coir, unmanufactured	821 tons	6 75,254
Coir yarn	966,354 cwt	4,54,23,619
Coir mats and mattings	247,806 ,,	2,02,60,051
Total of coir manufactured	1,279,490 ,	7,15,11,010
Cardage and rope of vegetable fibre (other than jute and cotton)	83,811 ,,	63,85,415
Drugs and medicines		
Asafoetida	2,180 ,	2,47,804
Strychnia	17,961 ,,	3,54,387
Proprietory and patent medicines	—	13,40,487
Senna	40,883 ,,	17,75,145
Total of drugs and medicines	—	1,85,86,543
Dyeing and tanning substances		
Cutch and Gambier	7,221 ,,	7,94,554
Indigo	249 ,,	74,995
Myrobalans	5,02,350 ,,	40,05,118
Myrobalan extracts	1,20,250 ,,	25,12,276
Total of dyeing and tanning	673,514 ,,	1,21,41,747
Earthenware and porcelain	—	2,63,879
Fibre for brushes and brooms	5,276 tons	55,25,036
Fish		
Fish, dry and unsalted	256,942 cwt	2,38,86,498
,, ,, and salted	193,193 ,,	1,23,00,482
Fish maws and sharkfins	5,492 ,,	17,63,617
Fish, wet and salted	19,100 ,,	3,64,802
Total of fish	474,727 ,,	3,78,15,399

Fruits and Vegetables

——	Quantity	Value
		Rs
Fresh fruit	—	21,94,052
Onions	659 196 cwt	1,11,63,794
Other fresh vegetables	—	57,14,631
Total of fresh fruit and vegetables	—	1,90,72,477
Cashew kernels	27,417 tons	12,76 42,831
Tamarind	7 295 ,,	30 86,062
Other dried, salted, preserved fruit	6,499 ,,	1,32,55,968
Total of dried salted preserved fruit and vegetables	41,211 ,,	14,39,84,861
Total of fruit and vegetables	—	16,30 57,338
Furniture and cabinetware	—	16,49,453
Glass and glassware	—	24,15 967
Glue	1 299 cwt	37,966
Gums and resins (karaya)	79 086 ,,	59 83 113
Gums and resins (rosin)	3,927 ,,	2 33,237
Total of gums and resins	91 327 ,,	66,84,381
Hair		
Goat hair	3 854 405 lb	21 55 551
Manufactures of hair	—	6,857
Total of hair	—	26,29,032
Hardware and Cutlery including plated ware	—	99,49 659

Hides and Skins

Raw hides		
Cow hides	69 tons 10,000 no	2 31,500
Total of raw hides	72 tons 10,717 no	2 44,864
Raw skins		
Goat skins	10,513 tons 16,503,839 no	4,78 81 803
Pelts of baby lambs	476 cwt 82 042 no	3,25,971
Reptile skins	7,520 cwt 1,927,807 no	47,19 284
Sheep skins	411 tons 498,325 no	15,86,883
Total of skins raw	11,417 tons 19,303,724 no	5,53 51 591
Cuttings of hides and skins	2 577 tons	13,47,904
Total of hides and skins (raw)	14 066 ,,	5 69 14,359
Horns tips and pieces of horn	25 937 cwt	8 11 101
Instruments, apparatus, appliances and parts		
Electrical	—	2 53 825
Musical	—	31 92 42
Photographic	—	31 03 310
Surgical	—	18 00,637
Total of instruments etc	—	1,42 87,391
Ivory, unmanufactured	7,685 lb	1 30 959
Ivory, manufactured	—	2 28 866
Total of ivory	—	3,59 825
Jewellery (excluding imitation)	—	24 42,300
Plate of gold and silver	—	135
Total of jewellery	—	24,42 444
Kapok	41 508 cwt	55,69,043

Lac

Lac button	29,957 cwt	36 00 658
Lac seed	297,890 ,,	3 03 21,760
Lac shell	307 282 ,,	3,88,48 789
Lac, stick	6 894 ,,	3 89 322
Total of lac	685,754 ,,	7,59 00 334

Leather

——	Quantity	Value
		Rs
Hides, tanned or dressed		
Buffalo hides	20,292 cwt 340 199 no	45,20,324
Cow hides	259,688 cwt 4,609,173 no	7 56,09 697
Calf skins	32,701 cwt 2,007,334 no	1,20,46,970
Total of hides, tanned or dressed	312 744 cwt 6,966,088 no	9,22 08,468
Skins tanned or dressed		
Goat skins	81,321 cwt 98,00,483 no	4,86,01,823
Reptile skins	2,502 cwt 4,280,060 no	71 80,555
Sheep skins	70,370 cwt 12,915,842 no	5 13,56,039
Total of skins, tanned or dressed	154 560 cwt 27,140,715 no	10,74,43,004
Total of hides and skins, tanned or dressed	467 304 cwt 34,106,803 no	19,96,51,472
Leather unwrought	11,509 cwt	15,72 956
Leather manufactures (excluding boots and shoes)		
Bags, trunks, travelling requisites	—	6,19 900
Other sorts	—	16,08 541
Total of leather and manufactures	—	20,34,52,869
Liquors	182,619 gals	5 63,464
Machinery and mill work	182 619 ,,	75 04,824
Manures		
Bones	339 tons	1 11 867
Bone meal	1 276 ,,	4 94 275
Horn meal	3,399 ,,	10,99,515
Total of manures	8,526 ,,	27,68,516
Mats and mattings (except coir and rubber)	124 615 sq yd	1,27,200
Matches	27,000 gross boxes	76,210

Metals, Ores, Minerals

Bauxite and other aluminium ore	4,261 tons	3 26,724
Aluminium wrought	18,112 cwt	55,61 659
Barytes	2,348 tons	2,68 573
Brass bronze and similar alloys	14,939 cwt	28 77 563
Chromite (chrome iron ore)	10,327 tons	7,55,731
Copper	45,638 cwt	75 84 253
Iron ore	811,571 tons	3 70 51 637
Pig iron	11,366 ,,	40,69,083
Pig iron manufactures (angle, bolt, rod)	766 ,,	5,59 352
Pig iron manufactures (bars, channels)	41 ,,	26,521
Total of iron	12,173 ,,	46 54 956
Steel bars	717 ,,	4 20,800
Iron or steel		
Nails, screws, rivets washers	97 ,,	1 04 727
Old for remanufacture	480,920 ,,	10,26,83 576
Pipes and fittings, cast	408 ,,	2 73 089
Sheets and plates	1,667 ,,	14,45,487
Total of iron or steel	497,457 ,,	11,21 70,588
Kyanite ore	21 351 ,,	67 57,146
Lead	2 758 cwt	97 561
Manganese ore	1 364,931 tons	20 77,30 33
Ferruginous manganese ore	33 334 ,,	24 33 871
Sillimanite	3,710 ,,	12 77,954
Steatite	4,982 ,,	9 51,737
Tin	58 193 cwt	9 06 037
Zinc or spelter, all sorts	95,317 ,,	23,23,126

Metals, Ores, Minerals – (*Contd*)

	Quantity	Value
		Rs
Metals unenumerated	144 916 cwt	70,90,680
Ores and minerals unenumerated	188,375 tons	1,09,30 437
Total of metals	529,752 ,,	11,37,49,887
Total of ores and minerals	2 445,190 ,,	26 84,84 145
Total of metals ores and minerals	2 974 542	41 22 34 032
Mica		
Blocks	27,788 cwt	1 05 51 235
Splittings	100 995 ,,	4,84 75,893
Ground scrap or waste	154,968 ,,	9,18 339
Total of mica	283 751	8 99 45 467

Oils

Essential		
Lemon grass oil	839 589 lb 92 092 gal	89,17 100
Palmarosa oil	139 421 lb 15 843 gal	20 83 608
Sandalwood oil	125 098 lb 13 586 gal	48 57,933
Other sorts of essential oil	43 961 lb 4 956 gal	2,11 801
Total of essential oils	1,148 049 lb 126,477 gal	1,10,70 412
Mineral oil	25,507 gal	3,67 716
Vegetable non essential		
Castor	746,876 cwt 8 922,733 gal	7,64,50 060
Groundnut	1 364 133 cwt 16,180 647 gal	10 46 29 842
Linseed	564 996 cwt 6,799 938 gal	4,66 44 157
Mustard or rape	8,853 cwt 109,091 gal	8 56 115
Safad	999 cwt 119,501 gal	8 96 184
Total vegetable non essentials	2 864 153 cwt 34 147,542 gal	23 94 86 659
Total of oils	34 300,786 gal	25 09 42 767
Oil cakes	5 485 tons	2 10 712
Opium	2 238 cwt 1 887 chests	96 96 980
Paints and painters material		
Graphite	17 cwt	2 645
Other sorts of paints and colours	22 824	11 82 497
Turpentine	—	3 11 413
Other sorts of painters materials	—	12 70 537
Total of paints and painters material	—	27 07 122
Paper and pasteboards		
Paper	30 142 cwt	55 58 931
Pasteboard, millboard, card board	3 891 ,,	7 31 553
Total of paper and pasteboard	34 033 ,,	62 90 487
Paper making materials	110 838 ,,	20 38 144
Parchment wax	18 519 tons	1 32 61 373
Perfumery	—	18 67 774
Plants including bulbs seeds	—	4 56 120
Electric goods not elsewhere classified	—	12,96 915
Precious stones and pearls unset	—	31,13 292
Printing and lithographing machinery and materials	—	8 90 439
Provisions and oilmans stores		
Confectionery	742 cwt	87 740
Hydrogenated vegetable oil (edible)	35 784 ,,	37 27 925
Pickles chutneys and condiments	24 702 ,,	22 57,909
Other sorts	99 865 ,,	1,01,04 047
Total provisions and oilmans stores	161 195	1 61 80 735

Rubber

	Quantity	Value
		Rs
Rubber raw	208 042 lb	4 28 256
Rubber manufactures		
Pneumatic cycle and motor cycle tyres	68 269 no	5 16 064
Pneumatic motor tyres	73 675 no	1,17,42 550
Total pneumatic tyres	142,034 ,,	1,22,58 614
Pneumatic cycle and motor cycle tubes	11 600 ,,	42 672
Pneumatic motor tubes	56 808 ,,	9 26 659
Total pneumatic tubes	71 408 ,,	9,69 331
Solid rubber tyres	1,990	6,518
Other rubber manufactures (except apparel boots shoes toys)		9,90 407
Total of rubber manufactures		1,42 24 870
Total of rubber (raw and manufactures)		1 46 53 126
Salt	213 340 tons	51 65 203

Seeds

Oilseeds (essential)		
Ajwan	75 tons	54 141
Ajwan	240	1 78 426
Aniseed	24	6? 356
Coriander	967	9 77 903
Cummin (other than black)	1 212	21 01 725
Cummin (black)	11	8? 130
Fennel	7??	1 64 221
Fenugreek	1 063	1 32 903
Sawa or dil	292	2 52 152
Other sorts of essential oilseeds	154	1 65 108
Total of essential oilseeds	4 827	70 65 667
Oilseeds (non essential)		
Castor	4 311	37 86 205
Groundnuts	12 736	1 39 71 8??
Linseed	68	52 760
Mustard	47	78 60
Niger	19 814	1 28 7? 940
Poppy	6?	90 071
Sesamum (til or jinjli)	2 348 ,,	24 99 110
Other sorts of non essential oil seeds	11 194	?2 92 679
Other than oilseeds and seeds for sowing	1 434	20 42,762
Total of seeds	56 871	1 66 16 ?84
Soap toilet	1? 213 cwt	22 13 775
Soap other kinds	10,788 ,,	10 42 260
Total of soap	26 001 ,,	32 56 038
Specimen illustrative of natural science	—	2 56 206

Spices

Betelnuts	1 149 cwt	7,47 708
Cardamoms	19 ??	1 63 73 327
Chillies	202 244	1 81 56 699
Ginger	64 337	52 10 821
Pepper	216 226 ,,	15 9? 91 125
Turmeric	152 607 ,,	16 69 855
Other sorts of spices	609 ,,	33 509
Total of spices	689 527	20 17 83 044
Stationery (excluding paper)	—	19 15 688
Stone and marble	162 tons	89 051
Sugar		
23 Dutch standard and above	11,715 ,,	89 01 106
Between 23 and 16 Dutch standard	600 ,,	3 71, 880
Molasses (including palmyra and cane jaggery)	73 915 ,,	3 32 95 728
Total of sugar	86 260 ,,	1,25 68 414
Tea	123,661 738 lb	80,28 91 041
Tea green	77 793 ,,	1 58 929
Total of tea	123,742 531 ,,	80,30 49 970
Tea waste for manufacture of caffeine	6,611,182 ,,	17 13 386

Textiles

—	Quantity	Value
		Rs
Cotton raw	70 836 tons 404,773 bales	} 19 32 03 462
Cotton, waste	1 256 775 cwt	9,62 06,649
Twist and yarn		
Grey singles	16,991,771 lb	4,15 94 248
Grey two folds (doubles)	196 600	6 31 181
White bleached (Nos 1 40)	74 400	2 02 964
Coloured singles	6 000 ,	21 875
Total of twist and yarn	17 268 771	4 24 50,271
Cotton manufactures		
Canvas	1 380 768 yd	26 93 980
Carpets rugs dhories	16 805 cwt	23 10 759
Handkerchiefs and shawls in the piece	122,102 no	2 95 635
Hosiery	—	97,64 890
Piecegoods, handloom	54 353,579 yd	8,68,89 268
Piecegoods millmade, grey unbleached		
Chadars and dhotis	477 647	3 87 418
Drills and jeans	19 323 671	2 19 33 998
Shirtings	40 650 566 ,	2 79 01 768
Other sorts	151,671 729 ,	11 99 51 111
Total grey unbleached	212 123 613	17 01 79 325
Piecegoods millmade white bleached		
Chadars and dhotis	5 992 055 ,	61 34 384
Drills and jeans	6 281 161	71 03 456
Shirtings	62 671 504	5 76 84 497
Other sorts	40 619 837	3 52 69 243
Total white bleached	115 564,557 ,	10 64,91 580
Coloured printed or dyed		
Lungis and saries	3 898 282 ,	50 62,937
Drills and jeans	39 268 470	5 02 28,166
Other sorts of coloured or printed or dyed	189 410 600	19 44 48,354
Total of coloured printed dyed	232 577 352 ,	24 97 39 457
Total of millmade piecegoods	560 265 522	52 64 10 362
Total of cotton piecegoods (hand loom and millmade)	614 619 101 ,	61 32 99 630
Thread sewing	293 403 lb	22 31 662
Towels in the piece	1 694 912 yd	22 35 645
Other sorts of cotton manufacture	10 260 676 lb	1 78 71 179
Total of cotton manufactures (including twist and yarn)	—	69 31 73,951
Total of cotton raw and manufactures	—	98,25 84 062
Flax manufactures (including twist and yarn)		2 73 171
Haberdashery and millinery (made up of cotton goods quilts, etc)	—	1 88 31 631
Haberdashery, other sorts		64 60 422
Total of haberdashery and millinery	—	2, 2 92 053
Hemp raw	336 009 cwt	1 14 00 268
Hemp manufactures (excluding cordage)		5 31 188
Total of hemp raw and manufactures	—	1,49 31,456
Jute		
Twist and yarn	2 519 510 lb	21 67 405
Manufactures		
Bagging for raw cotton	135 658 cwt	2 67,57 022
Canvas	188 164 yd	} 11 85 474
	7 910 cwt	
Carpets	1 551 cwt	2 70 052
Sacking gunny bags	338 287,213 no 3 8 921 tons	} 5,73,27 610
Hessian gunny bags	80 128 629 no 15 578 tons	} 3 67,35 550
Total of gunny bags	368 415 842 no 369 499 tons	} 61 00 11,653
Sacking gunny cloth	18 516 150 yd 8 693 tons	} 1,60,98,747
Hessian gunny cloth	1 221 337 224 yd 295 752 tons	} 61,60,31 276
Total of gunny cloth	1,239 853 674 yd 304 445 tons	} 63,21,30 023

Textiles (*Contd*)

—	Quantity	Value
		Rs
Rope and twine	128 953 cwt	99 71 615
Webbings	36 238 ,,	49 28,209
Other kinds of jute manufacture	25 165 ,,	31 67 384
Total of jute manufactures (including twist and yarn)	706 843 tons	129 05 94 817
Total of jute, raw and manufactures	706 843 ,,	129 05,95 851
Silk waste and cocoons	712 325 lb	15 65 345
Total of silk, raw	712 325 ,	15 65 345
Silk manufactures		
Silk goods mixed with other materials	22 762 yd	3 91 873
Silk piecegoods	139 080	11 89 323
Other manufactures	47 251 lb	4 78 084
Total of silk manufactures	—	20 59 280
Total of silk, raw and manufactured	—	36 24 625
Artificial silk piecegoods	3 497 287 yd	19 46 318
Wool raw	37 979 189 lb	5 41,68 727
Wool manufactures —		
Carpets and rugs	7 121 198 lb	2 79 42 315
Piecegoods	37 041 yd	3 02 871
Shawls	18 727 no	7 39 329
Other woollen manufactures	957 179 lb	37 18 369
Total of woollen manufactures	—	3 27 03 080
Total of wool and woollens		11 68 71 807
Other textiles raw	89 928 cwt	5 26 712
Other textiles manufactured		1 20 217
Total of textile raw and materials		39 03 72 197
Total yarns and textile fabrics	—	2 04 98 94 375
Tobacco, unmanufactured	75 139 712 lb	11 98 83 027
Tobacco manufactured		
Pipes	3 64 293	1 54 75 148
Cigars	1 7 918	37 877
Cheroots	87 467	6 03 256
Other sorts of manufacture	502 811	5 61 805
Total of tobacco manufactured	4 2 1 487	1 47 01 086
Total of tobacco raw and manufactured	79 391 197	13 45 86 113
Toilet requisites not elsewhere specified	—	16 05 659
Toys and requisites for games and sports (other than firearms)	—	18 95 711
Umbrellas including parasols and sunshades	91 117 no	1 47 762
Vehicles		
Ships launches boats	78	13 294
Other sorts of vehicles	—	16 29 947
Total of vehicles	—	16 43 087
Wax of all kinds other than paraffin wax and candles	2 257 cwt	5 68 789

Wood and Timber

Hardwood (other than teak)	385 cubic tons	1 47 571
Sandalwood	912 tons	32 01 126
Teakwood	1 231 cubic tons	8 60 626
Other kinds of wood and timber	—	73 52 765
Total wood and timber	—	1 15 62 028
Manufacture of wood other than furniture and cabinet ware		10 00 857
Total of wood timber and manufactures		1 25 62 885
Postal articles		3 39 66 814
All other articles of merchandise		
Unmanufactured		94 22 779
Manufactured		1 71 36 876
Total value of exports	—	551 04 36 940

ALCOHOL INDUSTRY

ALCOHOL has three uses It can be used as a drink That is the use for which it is best known Second, it can be used for industrial purposes, for instance in the manufacture of a number of chemicals Third it can be used as a motor fuel, for the production of mechanical power when we call it power alcohol

Potable Alcohol Three types of potable alcohol are produced in the country beer toddy arrack and certain varieties of foreign liquors A great number of old pot and coffey stills have always been in use but the major part of potable liquor is made in proper distilleries of which there are about 70 in India There are also 25 big distilleries producing mainly industrial alcohol which have a capacity for distilling about 2 million gallons of potable alcohol

INDUSTRIAL ALCOHOL

Industrial alcohol is a very valuable material in the manufacture of chemicals like acetone, acetic acid ether chloroform, ethyl acetate, etc It is also necessary as a solvent in the manufacture of fine chemicals, medical preparations toilets etc Since the last war its importance if at all has increased It is now essential in the manufacture of ammunition and of artificial rubber

In 1946 there were as many as 33 plants capable of producing 12 million gallons of industrial alcohol The trend of production has been as follows

Year	Rectified spirit (000 gals)	Denatured spirit (000 gals)
1946	2 147	1 023
1947	1,775	1 085
1948	2 389	1,401
1949	1 950	1 095
1950	3 435	1 477
1951	5 010	1 967
1952	4,668	2 178

The undivided Government of India s Panel on Fine Chemicals, Drugs and Pharmaceuticals estimated that the medical requirements of the sub continent were a million gallons annually and industrial requirements 10 millions a target which they said ought to be reached in 15 years time

To make this possible it is argued, the first essential is to abolish the present excise duty on industrial alcohol and the second is to have a uniform policy for the country as a whole Industrial alcohol should not cost more than a few annas a gallon As it is it costs the distiller about eight annas to make it When the producers and middleman s profit is added the price will increase to a point where it becomes uneconomic to use it

POWER ALCOHOL

The importance of the power alcohol industry lies in its supplying a product which can replace an equivalent quantity of imported petrol The rapid development of the sugar industry since 1931 has rendered large quantities of molasses available for its production

At the beginning of 1951 there were 19 power alcohol distilleries with an annual rated capacity of 12 838 million gallons of power alcohol and 2 948 million gallons of commercial spirit

Actual production in the post war period is given below —

Year	Production (000 bulk gallons)
1946	2,397
1947	2,736
1948	3,776
1949	4,230
1950	4,498
1951	5,809
1952	7,742

The gap between the installed capacity and actual production of power alcohol has been mainly due to the shortage of molasses, difficulties of transport and the policy of prohibition in general The Kolhapur and Nasik distilleries in Bombay State, for instance, could not come into regular production because the use of power alcohol has not been introduced so far in that State The industry has been developed by private enterprise except in Mysore and Hyderabad State and at Nasik in Bombay State

The total investment is about Rs 158 lakhs

The principal raw material required is molasses Out of a total production of 550 000 tons of molasses in 1951 52 Uttar Pradesh accounted for 300,000 tons and Bihar for 87 000 tons Other raw materials required in small quantities are sulphuric acid ammonium sulphate and entertaining agents

According to the Planning Commission about 39 6 million gallons of power alcohol can be absorbed by the country Among the handicaps are the high cost of production because of high fuel consumption and the low grade of molasses, heavy transit and handling losses and the high charges paid to oil companies for mixing power alcohol with petrol The extensions to existing units and new units contemplated should enable the country to hit the target of 21 12 million gallons by 1955 56 compared to 12 87 million gallons in 1950 51 so that the actual production of power alcohol will be stepped up from 4 72 million gallons to 18 million gallons

CEMENT INDUSTRY

THE first venture in the manufacture of Portland Cement in India took place in 1904 in a small factory just outside Madras, but it quickly went out of business

A few years later three new companies came into existence and laid the foundation of the industry as it exists today

In 1925, following the result of an enquiry by the Tariff Board the necessity for co operation among the manufacturing units was clearly emphasised and as a result an Association known as the Indian Cement Manufacturers Association was formed

Inspired with a certain measure of confidence they took yet another step which was the formation of the Cement Marketing Company of India, Ltd

The next step was the fusion of all the Indian cement manufacturing companies then in operation (with the exception of the Sone Valley Cement Co Ltd) into one unit known as the Associated Cement Companies Ltd, in 1936 whose Managing Agents are Cement Agencies Ltd

By March 1952 there were 23 cement factories with an annual rated capacity of about 3 88 million ton

In addition to the two combines—the Associated Cement Companies owning 12 factories with a capacity of 2 5 million tons and the Dalmia Group owning four factories with a capacity of about 825 000 tons—there are 6 independent manufacturers with an aggregate capacity of 6 00 000 ton and a factory of 86 000 ton capacity owned and operated by the Government of Mysore

The production in million tons is as follows 1948 1 55 1949 2 102 1950 2 613, 1951 2 196 1952 3 8

A sum of about Rs 20 crore had been invested in the industry up to 1950 51 of which the ACC accounted for Rs 13 crores and the Dalmia Group Rs 7 crore Some 30 000 persons were employed by the industry in 1950 51

IMPORTS & EXPORTS

Imports of cement before the outbreak of the Second World War were small and generally the cement was of special quality During the post war period imports by sea totalled about 150 000 tons in 1948 49 and 500 000 tons in 1949 50 In addition about 25 000 tons and 100,000 tons were imported from Pakistan by land routes in the two respective years Since 1950 imports were restricted to quantities included in trade agreements as well as to those in respect of which prior commitments had been made and were only about 17 000 tons in 1950 51 The quantity imported in the following two years was negligible

There have been no exports except of very limited quantities to Pakistan under the trade agreements and to the Middle East Ceylon and East Africa With the contemplated increase in productive capacity the industry should be in a position to export 200 000 tons to 300,000 tons per annum by 1955 56

DEVELOPMENT PLAN

The annual consumption of cement was 2 million tons per annum during the war years and rose to about 2 6 million tons during the post war years, 1949 50 and 1950 51 In 1951 about 3 17 million tons of cement were delivered, while 1 714 million tons were supplied in the first half of 1952 The future demand for cement, exclusive of the needs of the multi purpose projects should be around 3 8 million tons by 1955 56 Including the demand of the projects and roads the total should reach 4 5 million tons by the end of the Plan period

At present eight of the existing units having an annual capacity of less than 100 000 tons each are considered uneconomic Two of them are however expected to raise their production during the period of the Plan

The State-wise distribution of the industry during 1950 51 and towards the end of the period of the Plan is indicated below —

State	1950–51		1955–56	
	No of Units	Rated Capacity (000 tons)	No of Units	Rated Capacity (000 tons)
Bihar	5	921	6	1,160
Orissa			1	165
Uttar Pradesh			1	200
Madhya Pradesh	1	350	1	350
Madhya Bharat	1	60	1	60
Rajasthan	1	225	2	525
PEPSU	2	242	2	382
Saurashtra	3	337	3	562
Bombay			2	300
Madras	5	769	5	882
Mysore	1	86	1	90
Travancore Cochin	1	50	1	50
Hyderabad	1	240	1	280
Total	21	3,280	27	5,006

CHEMICAL INDUSTRY

FOR purposes of industrial production, chemicals fall easily into one of two major groups (*a*) Heavy Chemicals, and (*b*) Fine Chemicals

The term 'Heavy Chemicals' is applied usually to substances such as the common acids, alkalies fertilizer, etc, which are the foundation of the entire chemical industry

Fine chemicals, on the other hand, are manufactured generally in relatively small amounts since purity is important, their production requires great skill and care in each operation under accurately controlled conditions In this category are included photographic materials, drugs and pharmaceutical products, paints, varnishes and pigments, dyestuffs, etc

According to the latest data, there are over 200 factories with a capital investment of nearly Rs 30 crores and providing employment for about 35 000 workers

The industry expanded further in 1952 For the first time calcium carbide used for making acetylene was produced in a factory having an annual capacity of 825 tons and a second unit with a capacity of 3 300 tons was expected to go into production in 1953 54 The production of benzene hexachloride, an important insecticide also started during the year as well as of rayon grade caustic soda

SULPHURIC ACID

The capacity of the industry and its regional distribution in June 1952 were as follows —

—	No of units	Rated capacity in tons
Assam	1	6 600
West Bengal	13	56 560
Bombay	12	35 013
Punjab and Delhi	9	14 955
Uttar Pradesh	4	5,775
Madhya Pradesh	1	825
Madras	2	13,530
Former States and States Unions	5	56,183
Total	47	189,441

The trend of production in tons is as follows

1948, 80 004 1949 99 456, 1950, 102 480, 1951, 106,932 1952, 96 072

Built up in the private sector about Rs 2 crores have been invested in this industry The consumption of sulphur for producing sulphuric acid was 37,000 tons in 1951

The annual consumption of sulphuric acid in different industries in 1951 was estimated at 106 935 tons and is estimated to rise to 200 000 tons by 1955 56 The following picture would emerge at the end of 1955 56 —

	1950 51	1955 56
Number of units	43	51
Annual rated capacity (tons of 100 per cent acid)	150,410	220,791
Actual production (tons of 100 per cent acid)	99,153	200,000

ALKALI INDUSTRY

The alkali industry comprises the manufacture of soda ash and caustic soda, sodium bicarbonate, bleaching powder, benzene hexachloride, liquid chlorine and zinc chloride

As against the rated capacity of 54 000 tons per annum the production of soda ash in tons was as under —

1948, 29 148, 1949, 17 916, 1950, 43,788, 1951, 47,532 1952, 44 328

On the basis of the Tariff Board's report in 1951 the estimated consumption of soda ash is placed at 115,000 tons This is expected to rise to 155,000 tons by 1955 56

The table below summarise the programme of development of the soda ash industry —

	1950 51	1955 56
Number of units	2	2
Annual rated capacity (tons)	54 000	86 000
Actual production (tons)	44,650	77,800

Caustic Soda—The six electrolytic soda plants are located at Rishra (West Bengal), Mettur(Madras) Ahmedabad(Bombay) Mithapur (Saurashtra) Dehri on Sone (Bihar) and Delhi The capital invested in the caustic chlorine plants in 1951 was Rs 19 lakhs The installed capacity of caustic soda has progressively risen to 54 944 tons in 1952 that of chlorine liquid to 13 512 tons and that of bleaching powder to 7 800 tons

Actual indigenous production of caustic soda and the associated chemicals in the post war period was as under —

Year	Caustic soda in Tons	Liquid chlorine in Tons	Bleaching powder in Tons
1948	5 862	1 749	3 443
1949	7,315	2 547	2 328
1950	10 846	3 970	3 309
1951	14,722	5,268	3 583
1952	17 064	5,652	792

Imports of caustic soda varied from 90 616 tons in 1948 49 to 12 989 tons in 1949 50 in the post war period, while those of bleaching powder dropped from 11,520 tons to 5 513 tons in the same period

The plan provides that the number of factories will rise from 7 in 1950 51 to 9 in 1955 56 the annual rated capacity will double from 18 725 tons to 37 125 tons and the actual production treble from 11 37 tons to 33 000 tons

MISCELLANEOUS CHEMICALS

The present position of some of the important products is as follows —

—	No of units	Annual rated capacity in tons	Actual production in tons		
			1949	1950	1951
Alum	18	9 490	4,279	5,349	5 460
Aluminium sulphates	19	30 000	15,408	18 923	19 350
Ferrous sulphate	12	2 238	670	599	612
Copper sulphate	9	1 720	450	437	505
Sodium thiosulphate	4	1,725	499	479	
Sodium sulphite	2	420	74	163	204
Sodium bisulphite	3	735	117	270	271
Sodium sulphide	13	7 936	533	790	1 133
Bichromates	9	5 916	1,720	1 974	3 271
Sodium bicarbonate	2	3,440			1 630
Potassium chlorate	2	2 200	2 200	2 200	1 533
Zinc chloride	2	690	166	426	532
Calcium chloride	2	2 440	175	1 545	960
Magnesium chloride	5	18 200	10 373	4 011	3 639

Quantitative imports of some of the more important miscellaneous chemicals in recent years were as under —

(Quantity in tons)

—	1949 50	1950 51	1951 52
Alum	2	14	
Aluminium Sulphate	379	2 666	106 8
Ferrous Sulphate	1	3	
Copper Sulphate	1,111	1 303	2 111
Sodium Thiosulphate	275	16 2	1 2
Sodium Sulphide	1,032	1 012	2 239 6
Bichromates	2	0 2	1 8
Sodium Bicarbonate	4,026	1 798	9 674
Potassium Chlorate	265	674	1 412
Zinc Chloride	552	442	246
Calcium Chloride	285	44 6	1 5 5
Magnesium Chloride	0 9		
Sodium Hydrosulphite*	1,229	3 406	2 78 6
Sodium Cyanide*	126	233	276 6
Potassium Cyanide*	11	14	33 0
Anhydrous Ammonia	102	93	131 0
Ammonium Chloride	4,246	1 374	2 21 3
Ammonium Carbonate and Bicarbonate	574	516	2 373
Calcium Carbide*	10 274	4 553	9 849
Borax	1 769	1,552	7 349 7

* Not produced in the country Exports of chemicals have been essentially confined to magnesium chloride and sodium bichromate to the extent of 2 000 tons and 500 tons respectively

FERTILISERS

So far in India the inorganic nitrogenous fertiliser almost universally employed has been ammonium sulphate There are at present four units in West Bengal and Bihar (excluding Sindri) with a rated capacity of about 36 000 tons of ammonium sulphate per annum The Sindri factory went into production in October 1951 and with its coming into full production the rated capacity for inorganic nitrogenous fertilisers has reached 4 8 670 tons of ammonium sulphate

The output of ammonium sulphate has progressively risen from 45 39 tons in 1949 to 220 808 tons in 1952

Assuming country wide application of nitrogenous fertilisers the annual needs would be about 12 million tons of ammonium sulphate As a result of the implementation of the development plans, the installed capacity for nitrogenous fertilisers in terms of ammonium sulphate is expected to rise to 481 270 tons by 1955 56 Even then a gap of 150 000 tons is foreshadowed

The annual rated capacity for the production of superphosphates was 173,855 tons by the middle of 1952 The factories are small and have survived because of import restrictions The production of superphosphates has steadily risen to 61 018 tons in 1951

Although the scope for phosphatic fertilisers in India is still almost unlimited, consumption in 1952 53 was no more than 100 000 tons and is not likely to exceed 200 000 tons by 1955 56 The projects submitted by manufacturers for the planned period expect that the rated capacity will rise from 176,355 tons in 1952 53 to 209,355 tons in 1955 56

The estimated annual needs of potassic fertilizers is roughly 37,500 tons out of which it may be possible to recover about 52,700 tons from all the salt works in the country

FINE CHEMICALS

The term "fine chemicals" is applied usually to substances such as photographic materials, drugs and pharmaceutical products paints, pigments and varnishes and dyestuffs All the figures are in tons per annum except where otherwise stated

Chemical	Production		Target estimated for the next five years	Main uses
	1946 47	1951		
Acetic acid	300	300	17 000	Rayon white lead, lead acetate, dyeing, rubber
Acetone	1,000	900	13,000	Solvent, explosives
Formaldehyde	60	60	1,000	Textiles, disinfectant, preservative
Methanol	60	60	1 200	Solvent, denaturant
Glycerine	2 100	2,500	5,000	Pharmacy, explosives
Benzene (gals)	1,200 000	2,400,000		Solvent
Creosote oil (gals)	5 000	8 000		Insecticide
Naphthalene	600	1 800		Disinfectant, etc
Phenol	25	25	1,000	Disinfectants, plastics

The Tariff Board's inquiry in 1950 into the claim for protection of fine chemicals industry was confined to calcium lactate, iron ammonium citrate potassium citrate and sodium citrate

The average annual demand has been estimated at 60 tons for calcium lactate 50 tons for iron ammonium citrate 200 tons for potassium citrate and 50 tons for sodium citrate Government have on the Board's recommendation converted the 6 per cent standard and 26 per cent preferential revenue duty on calcium lactate into a protective duty

Production of bromine and bromides at one of the alkali works has been attempted and an annual output of 75 tons bromine 36 tons potassium bromide and 14 tons sodium bromide has been recorded

Coal tar and wood distillation products are not sufficiently exploited to manufacture fine chemicals and even the war time production of methanol and formaldehyde has been recently curtailed Synthetic fine chemicals are yet to be turned out in India on a commercial scale

Photographic Materials —The basic chemicals required for the photographic industry are (*a*) gelatin silver halides and sensitizers in the coating of film plate and paper base, and (*b*) hypo sodium sulphite metol hydroquinone and chrome alum in the processing stages

Borax boric acid acetic acid and metol and photographic grade sodium sulphite are still imported The present capacity of sodium sulphite is 800 tons and output 500 tons which meets the full demand Production capacity of 30 tons for potash chrome alum has been established Hydroquinone is being manufactured in India since 1950 and the annual output is 25 tons X ray developing and fixing salts have been placed on the market since 1949

The existing import duties on Sodium Hyposulphate, Sodium Sulphite and Sodium Bisulphite have been extended up to the end of 1954, but the industry is free to seek protection if the import control is liberalised and foreign competition intensified

Pre war imports of raw film base into India were enormous the film industry alone consuming some 80 million ft per annum The Celluloid Industries Panel has recommended the installation of a factory for manufacturing 50 million sq ft of all types of raw film and this should synchronize with the manufacture of gelatin silver halides sensitizers and other photographic materials in adequate quantities

DRUGS AND PHARMACEUTICALS

There are at present more than 60 comparatively important units engaged in manufacturing various types of drugs and medicinal preparations They are mostly concentrated in Bombay and Calcutta About 40 of the factories produce tinctures extracts and galenicals Most of the crude drugs are obtained indigenously and the rated capacity exceeds 1 2 million gallons The total capacity for producing tablets and injectable drugs from materials imported in bulk is estimated at nearly 88 million tablets and 9 million ampoules but this can be expanded in case of greater demand and without difficulty

The Government have also established factories for manufacturing a variety of alkaloids There are two Government factories, one at Madras and the other in West Bengal producing quinine from cinchona bark Their total capacity is 90 000 lb of quinine per annum Two factories in the private sector have a capacity for producing about 20 000 lb of caffeine from tea waste The manufacture of opium alkaloids is the monopoly of the Government of India Ephedrine is produced by a private firm from raw materials imported from Pakistan Another firm has a capacity for producing 15 000 lb of strychnine

Considerable quantities of glandular extracts are prepared in the country from animals slaughtered in the big cities Twenty one firms are engaged in producing liver extracts and have a capacity of about 2 3 8 million cc of injectible liver extract and 1 4 million lb of oral liver extract The annual capacity for producing liquor adrenaline hydrochloride liquor adrenaline tartrate and extract pituitary are 40 million cc 44 million cc and 55 million cc respectively There are four factories manufacturing these products Five units producing shark liver oil have a capacity of 50 000 gallons of oil equivalent to potency of 6 000 international units/gram

In the sphere of vaccines anti toxins and sera the capacity of the private firms is nearly 5 million cc per month and that of Government institutes nearly 6 million cc per month The country is self sufficient in regard to many sera and vaccines A number of patent medicines are also produced in the country

During 1952 the production of three important anti bacterial drugs *viz* sulphathiazol sulphapyridine and sulphadiazine was started The production of standard quality nikethamide was also undertaken Also processes for the synthesis of the latest anti tubercular drug, hydrazide of isonicotinic acid, were successfully worked out

Despite the increase in indigenous production during the past few years imports were rising from Rs 8 crores in 1949 50 to Rs 10 crores in 1950 51 and to Rs 15 crores in 1951 52 and were valued at Rs 11 32 crores in 1952 53 Penicillin sulpha drugs vitamins, streptomycin, quinine salts and patent medicines account for the major portion of these imports

Exports are confined to crude drugs and a few raw materials of drugs and amounted to Rs 211 lakhs in 1951 52 and to Rs 186 lakhs in 1952 53 Besides, exports by land averaged Rs 90 lakhs a year

The tariff duty for drugs and chemicals is 26 per cent *ad valorem* from the U K and the British Colonies and 36 per cent *ad valorem* from the U S This applies to raw materials and finished products and the duty on the latter is partly responsible for the high cost of indigenous production

Development Programme —The short supply of solvents crude drugs and intermediate chemicals and the State excise barriers are the main handicaps The Government of India in agreement with UNICEF and WHO are setting up a penicillin factory at Pimpri near Poona in Bombay State at a cost of Rs 211 lakhs with an ultimate target of 750,000 mega units A scheme for manufacturing chloromycetin has been

launched by Park Davis, while Atul Products propose to manufacture auromycin Alkali Chemical Corporation are putting up a plant at Rishra near Calcutta for producing 500 tons annually of benzene hexachloride

Atul Products Ltd in collaboration with the American Cyanamid Co of New York have started a modern factory for pharmaceuticals and dyestuffs The manufacturing programme envisages the production of 250 000 lb of sulpha drugs, sulphathiazol and sulphadiazine and 100 000 lb of dyes May & Baker have also erected a sulpha drugs plant

Besides substituted quinolines arsenicals and antimonial drugs, the manufacture of sulphone drugs, thiosemicarbozone and para amino salicylic for the treatment of leprosy and tuberculosis has been undertaken Production of nicotinic acid and nikethamide has started and that of paludrine planned

A proposal to erect a factory for manufacturing D D T has been approved by WHO The Madras Government has plans for increasing quinine production A Calcutta firm contemplates the manufacture of para amino salicylic acid a specific for tuberculosis Saribhai Chemicals have under consideration a project for manufacturing insulin

There are at least 150 factories manufacturing paints and varnishes but nearly 100 of them are very small in size The bigger ones are concentrated in Bombay and Calcutta Eighteen units with a capacity of 36 360 tons are in Calcutta and 17 with an annual capacity of 19,860 tons are in Bombay Taking only the important firms in 1952 the output totalled 32 172 tons The capital investment is over Rs 3 crores and 6 000 workers have found employment

The demand for paints is roughly 35 000 tons to 40 000 tons and may reach 60,000 tons by 1955 56

FIVE-YEAR PLAN

The following table summarises the programme of development of the industry during the period of the Plan —

	Unit	1950 51		1955 56	
		Annual rated capacity	Actual Production	Annual rated capacity	Actual Production
Titanium dioxide	Tons			1 800	1 800
Nitrocellulose lacquers	Gals			350,000	300,000
Ready mixed paints, enamels	Tons	65,000	28 975	70,000	60 000
Aluminium paste and powder	,,			750	750

COFFEE INDUSTRY

COFFEE cultivation is mainly confined to the hilly tracts of south India, from one thousand to six thousand feet above the mean sea level, and is centred in the Malnad area of Mysore, Coorg, Madras, and the United State of Travancore Cochin In the lower elevations, which have a higher rainfall, the more delicate but better quality Arabica coffee has given place to the harder but coarser Robusta coffee

The capital investment in the industry is estimated to be over Rs 15 crores and the average annual value of the crop is about Rs 8 crores Nearly 200,000 people drawn chiefly from Malabar South Canara and Mysore are employed in the industry Many of the coffee estates are inter planted with orange trees cardamom and pepper vines There are about 50 species and sub species of coffee plants in the country the one most expensively cultivated is Coffee Arabica, the best in quality, with Robusta coming next in importance

The area and production, of the two varieties of coffee from 1948 to 1953 are as under

AREA IN THOUSAND ACRES

Year	Arabica	Robusta	Total
1948 49	167	54	221
1949 50	164	61	225
1950 51	167	62	229
1951-52	168	67	235
1952 53 (September)	N A	N A	N A

PRODUCTION IN TONS

Year	Arabica	Robusta	Total
1948 49	18,836	3,470	22,306
1949-50	12,724	7,796	20,520
1950 51	15,266	3,329	18,595
1951-52	14,276	6,765	21,041
1952 53 September)	12,440	10,645	23,085

STATEMENT SHOWING COFFEE CURED IN MAJOR YARDS

Year	Qty in Tons
1948 49	19,828¾
1949 50	18,721¾
1950 51	16,958

STATEMENT SHOWING AVERAGE INDEX OF WHOLESALE PRICES OF COFFEE

(Price for week ended August 19, 1939 = 100)

Year	Index
1948	546
1949	487
1950	476
1951	567
1952, August 16	758
1953, August 15	614

MARKETING

Under the existing scheme of Coffee Control, all coffee estates in the country big or small, are required to get themselves registered and to deliver the entire production, except quantities allowed for domestic consumption and seed purpose, to a Common Pool administered by The Indian Coffee Board Growers are paid in proportion to the value of coffee delivered to the Pool after deducting the cost The average price of plantation of coffee in the auctions in 1951 was Rs 218 11 per cwt against Rs 187-1 in 1950 The total turnover of the Pool was Rs 649 lakhs and the growers received Rs 180 13 4 per cwt as against Rs 182 8 0 per cwt in 1949 50 The total number of registered estates on June 30, 1952 was 28,967 while those unregistered totalled 5,306

The following table gives the trend of exports -

Year	Exports in Tons
1948 49	31
1949 50	3,331
1950 51	2,677
1951 52	803
1952 53	2 191

The average Pool auction prices per cwt for the past four years were as follows —

Year	Plantation A	Arabica cherry Flats	Robusta cherry Flats
	Rs a	Rs a	Rs a
1948	203 0	173 12	140 9
1949	184 10	162 6	135 9
1950	187 1	160 11	147 10
1951	218 11	197 14	196 6
1952	251 11	220 5	200 11
1953 (7 months)	212 5	184 1	150 9

INDIAN COFFEE BOARD

To stimulate internal consumption and to regulate exports a statutory body, now known as the Indian Coffee Board was set up under the coffee market Expansion Board One of the serious problems the Board had to contend with in 1952 was the growing rise in the prices of coffee which advanced from Rs 207 per cwt of plantation type in April 1952 to a record level of Rs 316 per cwt in the following September The Board effected increased sales of Coffee and banned exports In December 1952 a Bill was introduced in Parliament to amend the Act of 1942 for the purpose of ensuring better co ordination between the Board and the Central Government and of providing adequate representation of consumer interests on the Board

COIR INDUSTRY

COIR is the trade name given to the fibre obtained from the husk of the coconut fruit India and Ceylon have a virtual monopoly in the production of this by-product of the coconut industry

In India the coir industry is practically confined to Kerala Travancore Cochin State and the Malabar district of Madras account for over one million acres of the coconut growing areas out of a total of 1 526 million acres in India The distribution of the area under cultivation and production of coconuts in respect of India is as follows —

	Area in acres	Production Percentage
Madras	605 765	41 3
Travancore	584 736	37 8
Cochin	67,058	4 3
Mysore	170,180	11 3
W Bengal	31 300	1 4
Orissa	30,021	1 8
Bombay	29 197	1 8
Other States	7 592	0 3
	1 526,759	100 0

The coir industry is organised partly on cottage basis and partly in factories The production of coir fibre, yarn and ropes is essentially a cottage industry, while coir mats, mattings, rugs, carpets, bags etc are manufactured in factories About 300,000 people earn their living from this industry in Travancore alone and 50,000 in Cochin and about one lakh in Malabar

There are two principal types of coir fibre— mat fibre and curled fibre The bulk of the output consists of mat fibre The yarn spun by hand is soft and even twist, while that spun on wheels is hard twist and not so even as hand spun Spinning is mainly done by women, boys and girls Over 100,000 families are employed in this trade in Travancore alone

The yarn produced in the spinning districts is marketed chiefly in Alleppey where there are a large number of factories for the manufacture of mats, mattings rugs and carpets and also exporters of yarn

In 1948 there were about 525 factories of which 474 were small ones with less than 20 looms and the rest large factories with more than 50 looms, having in all about 16,000 looms on mats and mattings

About 15,000 workers were engaged by these factories

Following are the estimates of coir manufactured and unmanufactured —

State	Production (Tons)
Madras	25,038
Travancore Cochin	97,000
Mysore	Not available
W Bengal	22
Bombay	63
Total	132,326

EXPORTS

Export of coir yarn, mats and mattings, ropes and other sorts of coir are detailed below — (Tons)

Year	Coir yarn	Coir mats and mattings	Coir ropes	other sorts
1949 50	46,660	26 758	3 263	6,580
1950 51	55,145	18,834	3 907	
1951 52	45 269	11 510	5 869*	4,790
1952 53	48 318	12 390	4 122*	4,087

* Includes export to Pakistan by land

The price of a candy of 6 cwt of superior Anjengo declined from Rs 325 in January 1948 to Rs 188 in August 1949 rose thereafter to Rs 383 in March 1951 and fell steeply thereafter to Rs 275 by May 1952

The appointments of a statutory board to deal with the various aspects of the industry is now contemplated India's trade representatives have been asked to study the prospects for coir and coir products since exports fell in 1952 from 13 49 lakh cwt valued at Rs 11 6 crores in 1951 to 12 20 lakh cwt valued at Rs 7 4 crores but it was not possible to get a reduction in import duties on coir mats and mattings under the GATT from the European countries The main reason given was the need to protect domestic interests

COTTAGE INDUSTRIES

TOTAL allotment for small scale and cottage industries under the Five year Plan Rs 7 04 crores

It is customary to refer to industries which are not required to be registered under the Factory Act as cottage and small scale industries There is no accepted line of distinction between cottage and small scale industries but the use of electric power is one of the popular tests

The data about their strength is extremely meagre The National Sample Survey carried out recently a large scale sample survey , but its results are not available

It is, however very roughly estimated that at least 20 million persons are gainfully employed in these industries classified as under —

Name of Industry	Persons Employed in Lakhs
Textiles	50
Leather	24
Wood	20
Metals	10
Pottery, Ceramics, Tiles Bricks, etc	20
Vegetable Oils Chemical Products, etc	10
Food including Hand pounding	20
Dress and Toilet	11
Miscellaneous including jewellery and toy making	6
TOTAL	201

In order to encourage more effectively the development of cottage and small scale industries, the All India Cottage Industries Board, constituted in 1948, was replaced by two Boards, viz The All India Handicrafts Board and The All India Khadi and Village Industries Board The former was constituted in November 1952, and the latter in February, 1953

Towards the end of 1952 the Government also constituted the All India Handloom Board to deal specifically with problems affecting the handloom industry A cess of three pies per yard has been levied on all mill made cloth consumed within the country and is expected to yield every year about Rs 5 crores Schemes for the development of khadi and handlooms are to be financed out of this resource

The Cottage Industries Directorate has been merged as a part of the Development Wing and is responsible, generally, for all small scale industries

The primary objective of the policy laid down under the Five Year Plan is to provide a field within which each cottage industry may be able to organise itself Wherever a large scale industry competes with a cottage industry, a common production programme should be evolved

The programme may cover (*a*) reservation of spheres of production, (*b*) non expansion of the capacity of a large scale industry, (*c*) imposition of a cess on products of a large scale industry, (*d*) arrangements for the supply of raw materials and (*e*) co ordination for research, training, etc

To carry out research, the establishment of an institute for village technology has been recommended by the Planning Commission

Finance for the development of village industries has to be viewed as a problem inseparable from finance for agriculture The formation of industrial co operatives is, therefore, considered essential Meantime, the responsibility for revitalising village industries has devolved on the Government

In the States the Five Year Plan provides Rs 12 crores for cottage and small scale industries

The responsibility for organising industrial co operatives lies on the State Governments The number of industrial co operatives rose from 3,758 in 1949 to 5,305 in 1950 and the plan expects to raise the total to about 8,000 by 1955

The question of training the artisans has received considerable emphasis in the Five Year Plan The training centres maintained by the Central Government under the Directorate-General of Resettlement and Re employment have trained during the past few years 144,000 persons

The Ministry of Rehabilitation has arranged for the technical training of 52,000 persons from West Pakistan

The plans of the State Governments provide for the following training programmes —

	1950 51	1955 56
No of Industrial Schools	365	456
No of pupils trained	14,750	21,797
No of technical and vocational institutions	260	407
No of persons trained	26,708	42,997

TEXTILES

In the main, these are composed of two units—handlooms and khadi

The details about the handloom industry have been given in the article on the cotton textile industry Suffice it to say that there were in 1951 three million handlooms, accounting for a production of 810 million yards in 1950 51 This is proposed to be stepped up to 1,700 million yards by 1955 56

To clear the unsold stocks, the Handloom Board has decided to subsidise sales

The All India Spinners Association has at present in its fold over 2¼ lakhs of persons engaged in khadi production It is now proposed to subsidise the sales of khadi at the rate of three annas in the rupee which would work out at Rs 3 3 crores on an annual output of 100 million yards The balance of Rs 4 crores will be spent on organisation, training, research and subsidy for equipment

The main emphasis of khadi is to minimise the pressure of the problem of under employment It is hoped that about a million persons willing to devote four hours every day can have a supplementary income of Rs 75 per month

Calico printing is an old industry in Farukhabad and Ahmedabad and is now extended to most of the other cities Over 25,000 people practise this art In Farukhabad alone there are over 2 000 printers The industry s products have a wide export market During 1952 the cotton mills printed about 30 million yards The question of reducing mechanised printing is under examination

The Government of Bombay sanctioned during 1951 52 a grant of Rs 5 90 lakhs for various schemes connected with khadi self sufficiency Self spinners registered under the Katai mandals were granted a subsidy of half a rupee per square yard of khadi woven upto 20 square yards

The scheme for opening 100 khadi self sufficiency centres was continued in 1951-52 and a grant of Rs 3,19,450 was sanctioned In Bombay State there were 89 centres with 5,025 self spinners who produced 57,477 square yards

The khadi scheme of the Madras Government is run in two parts The intensive schemes operating in eight centres aims at self sufficiency The extensive scheme prepares the ground During 1951 52 khadi production in the State totalled 12 60 lakh yards In Mysore the Government khadi organisation has been functioning for over 25 years

In Hyderabad private organisations are functioning, and over 5,000 workers are engaged by them

Silk weavers are found in nearly every State Assam and W Bengal are, however, the largest producers of silk accounting for two lakh looms and 15,000 looms respectively

India is the only country where tussar, endi and munga silk is produced The industry produces about 2 million lb of silk and employs about a lakh of people The industry is now heavily protected and a Silk Board has been constituted to promote its growth

Spinning and weaving of wool are easier than that of cotton At present the cottage industry has confined its activities to the production of carpets and kamblies Under the Plan, it is proposed to have four wool spinning and weaving centres for developing hand spinning and hand weaving for the production of woollen blankets required by the defence services Carding and finishing will however, be done by machinery operated by power

OTHER INDUSTRIES

Coir-Making —The aggregate production of the coir industry is approximately 1 3 lakh tons and supports about eight lakh persons A coir Board is proposed to be set up to tackle the difficulties of the industry which is an important contributor to export earnings The industry is mainly concentrated in Travancore Cochin and the States plan lays down an elaborate programme for its development

Village Oil Industry —The plan for this industry covers a common production programme for village oil presses and oil mills The production of ghanis is proposed to be raised from 10 lakhs tons to 13 8 lakhs tons of seed pressing by 1955 56 The object is to organise 12,000 village oil centres, each serving a group of 40 to 50 villages and about 50 village oil presses A development expenditure of Rs 233 10 lakhs over four years is expected and this will provide employment for 100,000 persons

The Indian Central Oilseeds Committee has decided to start demonstration centres of improved ghanis in each of the Community Project areas and has recommended to the Government of India to levy an additional cess of one anna per maund for the first five years, and two annas per maund thereafter for financing the development of the village oil crushing industry

Under the Essential Supplies Act, the Government of India has delegated powers to State Governments to check the indiscriminate growth of oil mills Under the Industries (Development and Regulation) Act the Union Government is competent to prevent further growth of the large scale industry

The All India Khadi and Village Industries Board has recommended that the crushing of sesamum oilseeds should be completely reserved for the ghanis It has also suggested the allocation of quantities of different oilseeds to mills and to ghanis

During the Plan period, the mill oil production is expected to rise from 22 12 lakh tons to 23 4 lakh tons of which 14 lakh tons will be edible, while the ghani oil production will be stepped up from 11 56 lakh tons to 17 53 lakh tons out of which only 0 45 lakh tons will be non edible Four lakh ghanis will consequently be fully engaged

Paddy Husking —Hand pounding of rice is an important village industry It processes about 65 per cent of the paddy The Five Year Plan aims at improving the hand process for increased recovery of rice and production of bran in a pure form by introducing paddy husking stone chakkis in place of the pounding method

Over a period of four years the distribution of about 50 000 chakkis in rice pounding areas is expected to be subsidised

About Rs 10 lakhs will be spent by the Government during the Plan period and 40,000 persons will be able to find employment as hand pounders

The Food Ministry has declared that the huller type mills are a destructive type of equipment for milling, particularly raw rice Under the Essential Supplies Act, the Union Government is competent to prohibit the establishment of rice mills At present there are 15,000 huller mills in the country The All India Khadi and Village Industries Board has urged the Central Government that there should be no further increase in the number and capacity of the sheller mills and that the use of the huller type for pounding rice should be banned

Bee-Keeping —Bee-keeping is a cottage industry which has not to compete with any machine The industry is not, however, well developed The total yield of honey in the country does not exceed 12 million lb a year and hardly a third gets into commercial channels Consequently there have been heavy imports of honey

The Five Year Plan contemplates an intensive development of bee keeping in selected areas in which the industry has already made some progress For instance Madras Bombay Uttar Pradesh, Punjab, Mysore, Travancore Cochin and Coorg offer scope for intensive development In each selected area there will be a sub station serving a group of 20 to 30 villages The scheme provides for training of staff and bee keepers and for supply at subsidised rates of beehives and other appliances Co operatives of bee keepers are envisaged for collecting and marketing of the honey

The Plan provides for an outlay of Rs 16 29 lakhs

Paper Making —The All India Village Industries Association has a separate department for hand made paper which mainly imparts training and carries on research in paper industry The Association has encouraged the paper industry throughout the country The methods of production are fairly satisfactory and the processes and implements are being improved year after year Cotton rags, jute waste, paddy straw and grass of any kind that grows to a height of two feet, plantain stalks, sugarcane waste and waste paper are the chief raw materials Hand made paper is generally used for documentary purposes

The five year programme therefore, suggests the production of high grade hand made paper at all existing centres These centres will receive assistance in respect of equipment, training and research Pulp making is proposed to be done by power operated machines while other processes will be done by hand It hopes to support 1,000 paper makers and turn out annually 1,400 tons of high grade paper

Soap Making —In the village industry programme has been included a small scheme the main object of which is to utilise material now going waste The scheme aims at establishing production cum demonstration centres in different States where neem oil will be produced and utilised in soap manufacture It provides for 11 neem units, each one consisting of one soapery and 7 neem pressing centres producing a total of 1,260 maunds of neem oil and utilising it for the production of about 78 tons of soap every year

Neem oil is at present produced in small quantities in Madras Uttar Pradesh and Bombay Neem trees are however, in abundance all over the country and a survey recently conducted in Madras has shown that about 72,000 tons can be collected annually in that State alone Actually however 20 000 tons of seed are crushed to yield 1,650 tons of neem oil The neem oilcake is also a valuable manure

Washing soap can be manufactured very easily on cottage scale provided caustic soda, oils, tallow, etc can be made available at reasonable prices

The question of encouraging this industry in rural areas by levying a cess on large scale production and reserving a portion of the market is under investigation

Palm-Gur —According to a recent estimate India has 50 million palm and corresponding varieties of trees At present some four million trees are tapped and yield 55,000 tons of palm gur It is estimated that about 3 3 lakh persons are engaged in this industry The Plan envisages an increase in production to 80 000 tons of gur By spending about a crore of rupees, 60,000 agriculturists tappers can be trained

Gur and Khandsari —Gur and khandsari are well established in areas where there is not enough cane to start a sugar factory Because the operations are near the field, the industry is carried on even in factory areas The object of the programme is to extend the

use of improved types of cane crushers to obtain a higher percentage of extraction It is proposed that over a period of four years about 100 000 cane crushers should be introduced and the introduction of small centrifugals for the manufacturing of Khandsari popularised As a result about 600 000 cane growers in 30 000 villages supported by 1 200 whole time workers 6 000 part time workers and 4 000 honorary workers will find employment for part of the year and contribute Rs 20 crores more to the national product

Leather — According to a livestock census in 1945 there are 18 07 crores big animals and 5 10 crores sheep and goats About one tenth of them die every year and if the dead bodies are properly disposed of commercial products worth Rs 50 per big animal can be recovered The gross income from this source will be about Rs 40 crores per annum

The object of the scheme is to minimise waste due to the incomplete utilisation of dead animals The programme provides for recovery work tanning leather craft and organisation of co operatives of village leather workers The Plan has provided for an outlay of Rs 160 57 lakhs over four years so that about 5 lakh chamars in 72 000 villages and 900 tanners can make a better living

Matches - Eighty per cent of the production of matches is at present controlled by one international combine and several Indian factories are now lying idle In addition it is estimated that about 0 6 million gross is the output of the cottage industry

The Plan seeks to treble it in four years by providing for training certain concessions and financial assistance to the cottage industry The All India Village Industries Board has recommended to the Union Government that a cess be levied on large scale production and the proceeds be used for subsidising the manufacture by cottage industry and other small scale manufactures

Pottery and Earthenware — The village potter has been gradually eliminated by new tastes and requirements On the other hand the demand for bricks tiles earthen pipes and crockery has been fast rising

The Bengal Ceramic Institute established in 1941 has been engaged in solving the problems of the cottage workers in the pottery trades and also functions as a training centre It has successfully introduced the production of Rockingham pottery The problem of standardising cheap durable and easily cleanable cooking earthenware has been taken up

The Government Ceramic Factory at Gudur in Andhra State has been running an artisan course since 1947 for training students in improved methods of pottery making

In Bombay State experiments on production of low temperature vitrious ware of glass pots for bangle making and of single fired red clay glazed articles — all from local materials are being made at the Government demonstration centre in Belgaum district

STATE WISE SURVEY

The more important of the industries have been discussed above There are, however a good many industries in which one or the other State has specialised

The State wise survey in respect of which the latest data is available is summarised below —

The hand loom industry is the most important and by far the best organised cottage industry in Bombay State A small spinning machine of 10 spindles to be run by power and capable of producing 2 lbs of yarn of average 20s per 8 hour shift is now being tried Besides there are 16 000 power looms One unit at Surat is of the co operative sort

The manufacture of woollen textiles on a cottage basis has not developed but good progress has been made in art silk weaving and hosiery manufacture Out of 35 hosiery factories only 5 employ more than 50 workers and the rest are smaller units

A new industry which has sprung up lately produces personal requisites such as purses wallets spectacle cases and brief cases out of plastic sheets In Bombay City there are six mechanised units Nearly 50 small establishments are engaged in the manufacture of light chemicals Their capital outlay is about Rs 60 lakhs and production about Rs 1½ crores About 1 200 persons depend on this industry

Out of 24 paints and varnishes manufacturing industries 20 employ 50 or less persons

Soap and toilet industry has 14 units

The gold and silver thread industry consists of a large number of small factories and cottage units using electric power About 1 000 factories having a capital investment of Rs 52 lakhs engage 1 400 persons to produce goods worth Rs 4 crores There are 900 units with a capital investment of Rs 20 000 to Rs 50 000 each and of an aggregate total of Rs 80 lakhs and employing 1 000 workers producing goods worth Rs 4½ crores Only six units have a capital outlay of more than Rs 50 000 each These employ 150 persons and production totals Rs 6 lakhs against a capital investment of Rs 9½ lakhs The industry has a good export market

The paper and board industry received a stimulus from the Second World War

The bulk of leather is vegetable tanned but 15 tanneries are well organised on a cottage scale In manufacturing leather goods machinery is being slowly introduced

Gur and jaggery manufacture ranks next to power loom industry and out of 420 units over 400 employ 50 or less seasonal workers Most of the manufacturers, unlike their counterparts in Uttar Pradesh grow their own cane

The engineering industry has made considerable headway in the State Out of 866 organised engineering workshops as many as 130 have capital of less than Rs 60 000 and employ less than 50 The aggregate capital invested by them is Rs 42 lakhs, production totals Rs one crore and about 2 850 persons are employed in these small works There are 50 associations with 764 factories employing 3 400 persons as members Fifty one industrial co operatives account for a membership of 2 234 Iron foundries alone number 278 Of these 120 were established in the post war period Over 20 are engaged in the manufacture of electrical goods Production ranges from consumer goods and steel wire products to machinery spares and automobile parts

Madras — Industrial Co operatives have been accepted as the basis for promoting cottage industries in Madras The State itself has got a well knit organisation to look after cottage industries The Gandhinilayam Co operative Village Industries Ltd Kallupatti, meets for instance the important needs of the surrounding villages and is looked upon as a model for re organising village industries

In Vellore basket making and metal industry have been built on a co operative basis

Pope making at Madura, pottery production in Tirunelveli district, fabrication of goods in Madurai district bee colonies in Madras metal works in Salem district production of toys by women in Madras have also to be mentioned

The research institute is concentrating mainly on the development of 15 more important cottage industries Prior to the war there was no pottery factory in the State but Khurja potters are today producing a variety of products

Uttar Pradesh — Gur manufacture is the biggest cottage industry in Uttar Pradesh The State has initiated a scheme for raising the out put by introducing superior types of kolhus The scheme covers 1 000 villages

The manufacture of essential oils and scents is a traditional cottage enterprise in the State Experimental plantation of palma rosa, peppermint and camphor bearing, ocimum and lemon grass plants as well as coriander dill and anise seed has been started and an improved type of still has been designed

About 10,000 workers are engaged in chemical gold thread manufacture at Benares which has invested Rs 3 crores in the industry It costs only two annas per tola to colour the silver thread by the process evolved by the Technological Institute, Kanpur

The glass bead industry has also made considerable headway

Following the partition 52 concerns have been set up by refugees for manufacturing sports goods Their annual output is approximately Rs 45 lakhs and about 2 000 workers have been gainfully employed

The State has 657 weavers co operatives with a membership of 87 095 weavers

West Bengal — For tackling the unemployment problem the West Bengal Government has placed much emphasis on cottage industries 13 reelers co operatives 5 waste silk spinners units and 5 silk weavers co operatives have been already formed

A model apiary for bee keeping has been set up in Kalimpong area For the promotion of the khadi industry 19 656 villagers have been trained since 1948 at 26 centres covering 926 villages

Twenty one co operatives have been registered for palm gur production and steps have been taken to organise the manufacture of handmade paper

Madhya Pradesh — The handloom industry is the principal cottage industry in Madhya Pradesh There are 81 cottage industrial co-operatives other than handloom weavers societies with a membership of 3 128

The details of the more important ones are given below

Industry	No	member ship
Brass Metal Workers Societies	26	291
Iron and Steel Fabrication	9	52
Leather Goods	3	76
Home industries for Women	4	440

The plentiful supply of raw materials in the former Chhattisgarh States prompted the Government to develop cottage industries through Lokshalas

Labour saving contrivance for cottage industries have been installed in the Cottage Industries Laboratory, Nagpur, where practical training is given to the public

Units for automatic rope making and fibre extraction have been set up and a machine capable of producing cheap cordage out of paddy straw has been introduced

Punjab — Industrial co operatives have been well developed in the Punjab There are 294 societies with a membership of 9 543 and a working capital of Rs 21 lakhs Of these 10 are central institutions accounting for one tenth of the membership and half the capital They are mainly concerned with the purchase of raw materials on behalf of primaries and provision of credit

Recently the Government work centres at Nilokheri were converted into seven industrial co operatives

The primaries are classified as under —

Textile 136, Leather 44, metal 32 oil 16, Hosiery 7, Wood makers 9 Mat makers and Soap makers 2 each and Sports, Glue, Plastic, Calico printing, Saltpetre and Brick makers one each

Punjab has been traditionally noted for several types of artware products The total investment in this industry is roughly Rs 1½ lakhs and though only about 100 persons are at present engaged in it the scope for expansion is considered to be great

Carpet making has been carried on in the State since early Moghul period Practically all the carpets intended for export are made in factories or in cottages controlled by factory owners

Orissa.—Filigree and horn industries, two of the cottage industries of the State having a large export potential date from ancient times The industries languished after the Moghul period but are now being revived At present there are 150 filigree workers confined only to three different centres of Cuttack—Maningh patna specialising in decorative and furniture works, Muhammadia Bazar famous for flowery work and Dagarpara specialising in filigree ornaments

During the war as many as 1,500 persons were engaged in producing articles from horn, but now hardly 200 are able to find any work The industry is generally run individually but co-operative effort is once again being made

Typical of the organisation in the State is the "Orissa Poor Industries Cottage" a private institute, started in 1926 It carries out experiments on processes of producing articles, utilisation of materials available in villages without much cost and on tools and demonstrates the production of useful articles of handicrafts practically out of waste

Bihar—This is the only State which produces shell buttons from the mother-of pearl Started in 1908 there are now 45 factories in Mehsi almost the whole population of which is engaged in this industry

Assam—The Cottage Industries Department has confined its activities to cottage industries like soap manufacture, bee keeping handmade paper and shellac The Government Paper Training Institute, Shillong, produces large quantities of file boards, envelopes, and a variety of hand made paper Industrial loans are granted at 5 per cent, interest Production of mulberry silk has doubled since 1947, while that of eri and muga is about 5½ lakh lb The provision in the budget for cottage industries has been doubled from Rs 4 32 lakhs in 1948-49 The traditional crafts of the State are bushai rugs dyed in different colours dinner mats, Manipuri articles and shoulder bags

Manipur—Cottage industries such as handloom cotton and silk weaving, gold smithy, carpentry, pottery and tailoring collectively constitute the basis of the economic life of the people The Government has drawn up a scheme of development for most of the industries Out of a total population of six lakhs, 1½ lakhs are weavers

Hyderabad.—The State s five-year plan has set the target of bringing 25,000 craftsmen into productive activity and of adding Rs 5 crores to the national income

The whole State has been divided into zones and each of them will have a warehouse, a workshop and a training centre The industries to be covered are handloom weaving, leather goods manufacture, oil and perfumery, pottery and earthenware, woodwork and bamboo, chemicals, dyes and fertilisers, stone and slate cutting, food and dairy products, forest industry, and kambal, carpet and woollen goods manufacture

Almost all of them are in existence but the methods are crude, equipment poor and organisation absent

In the new set-up there will be primary industrial Co operatives of which the Federation of Industrial Co-operatives will be the apex body for procuring raw materials and equipment and providing finance

Two renowned cottage industries of the State are the filigree and Himroo industries About 120 goldsmiths in Karimnagar are experts in filigree The Himroo fabric of Aurangabad is a richly ornamented production with diversified colour schemes At one time 200 looms were working in 40 factories, but today only three factories exist The earnings of a Himroo weaver are about Rs 45 to Rs 60 per month, while the draw boy gets about eight annas per day Efforts are being made to revive this industry

Madhya Bharat.—Cottage industries occupy a key position in the economy of Madhya Bharat and provide means of livelihood for 10 per cent of the population

No survey of these industries has been taken but the following figures of employment have been officially published —

Textiles	26,914
Leather manufacture	24,052
Clay	20,609
Wood Working	16,927
Metal Industries	16,083
Oilseed pressing	12,546
Bamboo and Baskets	5,418
Miscellaneous	31,443
TOTAL	153,992

Among the new industries now being started mention may be made of sericulture near Indore, palm gur making in the Adivasi areas of Jhabua and Dhar, leather toy making, bee keeping and lac cultivation

The State s Five-year Plan provides for an expenditure of Rs 50 lakhs on development of cottage industries, and embraces a programme for (*a*) establishment of a provincial handloom weavers society, (*2*) installation of a milling and finishing plant at Mandsaur, (3) creation of a pottery centre at Mandsaur for utilising waste shale from the quarries, (4) establishment of wood working institutes at Indore and Bhilsa, and (5) formation of 12 peripatetic demonstration parties

Mysore—Wood carving is an ancient industry in the State In villages hand-driven lathes are used About 400 families are engaged in this industry in Mysore and Shimoga districts, where teak, rose wood, sandal wood and ivory are in plenty In Sri Chamarajendra Technical Institute a five-year course has been introduced About 200 students have so far been trained and most of them have started small workshops

Inlaying work is an art practised in Mysore since the 17th century In Mysore and Bangalore cities, about 100 workmen grouped in 20 centres are engaged in this industry

The drugget industry is about 200 years old and provides employment for over 800 persons To develop it, the Centre has set up an all-India Drugget Board

Rajasthan.—Calico printing is done all over the State but tie and dye printing requiring high dexterity and skill is a speciality In handloom weaving yarn of even 120s is used Khadi industry gives work to thousands of people Coir and rope making is practised in almost every village Niwar manufacture is another allied industry Jaipur and Khandela are famous for *Gota Kinari*

Rajasthan is the biggest wool producing State in India And spinning of wool gives employment to a large number Weaving is done on ordinary looms and products are coarse Jodhpur and Jaipur are famous for the manufacture of embroidered shoes

Jaipur produces the best type of brass work in the whole of India Enamelling on metals with the help of shellac soluble colours is done at Jaipur and Nathdwara

Hand made paper is produced at Sanganer, Gosunda and Kotah

Other lines include marble idols, lac, bangles, stone polishing and carving bamboo baskets, chicks, lacquered toys and scents The cutting of synthetic stones and precious stones alone supports 3,000 families in Jaipur

Saurashtra—The State Cottage Industries Board is concerned with the task of putting the cottage industries in the State on a sound footing

Handloom industry is, next to agriculture, the major industry It is poposed to open a handloom centre where weavers will be called to work and learn on a wage basis

Leather tanning has been organised and supply of implements and tanning materials is subsidised Efforts are being made to popularise palmgur and the Board is running six centres in which 62 students were trained in 1951 52

Bee-keeping is still in an experimental stage

There are about 14,000 handlooms supporting 36,000 families

The rest of the industries are scattered These include wooden toys, ornaments, wood-working, button manufacture, clay and plaster modelling, carpet weaving, stoneware articles and basket making

An Industrial Co-operative Association has been fostered by the State Government with substantial capital for organising artisans on co-operative basis and to supply them with raw materials at controlled prices

Travancore-Cochin—Besides the coir industry, the State specialises in palm gur, handloom weaving, pottery, wood carving and bee-keeping A Cottage Industries Board has been set up to ensure an orderly development of industries The establishment of an industrial museum and sales emporia for cottage industries has been decided on.

Himachal Pradesh.—The main cottage industries are wool spinning and weaving, manufacture of leather goods, paints and varnishes, phenyle and sealing wax. There are 2,607 handloom and 26 industrial co-operatives Expansion of sericulture, textiles, wood working, sports, basket ware, pottery and matches is contemplated A sum of Rs 7½ lakhs was budgeted for this purpose in 1953 54

The sericulture industry exists in all districts There are two training institutes A spinning mill for woollen yarn is being established at Jogindernagar Schemes are under way for starting hand-weaving

Clays in Mandi district are suitable for manufacturing stoneware, small containers and cheap crockery

The plan provides for the manufacture of Mangalore tiles at Paonta and of slates in Mandi and Chamba

Ajmer—The Ajmer State is one of the biggest wool exporting centres Low quality woollen goods are produced in the State Handloom weaving is an important industry accounting for nearly 2,000 weavers, 2,300 handlooms and 26 Weavers' Societies Tobacco and sup making industries give employment to over 4,000 persons. Button manufacture is a new industry The two factories at Beawar use domunts as raw material

Coorg—Coorg is a good honey producing area Co-operatives have been well developed and have marketing organisations all over the State

FILM INDUSTRY

At the end of 1952 there were nearly 2 400 cinemas in buildings and about 850 in tents or other similar structures The average capacity of a permanent theatre in India is about 600 ranging between 400 and 1 200 The annual attendance was computed at 60 crores The cost of a large theatre in major cities might exceed Rs 8 lakhs but smaller theatres predominate in numbers and the average cost of such a theatre would be about one lakh of rupees The over all capital outlay in the exhibition section would amount to nearly Rs 26 crores

The annual production of films was about 275 in 1949 and 1950 and the average cost of a picture was about Rs 3½ lakhs There were nearly 60 studios with their equipment costing about Rs 4 crores and 38 processing laboratories with a capital investment of Rs 2 crores Some 70 000 workers were engaged in the industry According to the Patil Committee, the net revenue was about Rs 20 crores Nevertheless the enterprise was profitable to a comparatively small proportion of producers

FILM PRODUCTION

India occupies a second place in the world industry from the point of production The progress of film production from 1948 is given below —

Year	Number of films passed by Censors
1948	264
1949	289
1950	241
1951	221
1952	233

The production activity is virtually confined to Bombay, West Bengal and Madras Bombay concentrates on films in Hindi, Marathi and Gujarati Bengal's production is chiefly in Bengali and a lesser extent in Hindi, and Madras produces films in regional languages of south India, namely, Tamil, Telugu, Kannada and Malayalam In 1939, 94 producers produced 167 films and the highest production by any single producer was nine In 1948, 211 producers produced 264 films, the highest number of films produced by any single producer being only six The number of "newcomer independents", having neither their own studios nor any previous connection with the industry, is large and "infant mortality" among them is also heavy In 1947, out of 214 producers newcomers were 156, but in the following year only 54 out of 214 survived though the number of newcomers reached 157 Only 25 producers could claim to be in the industry for three consecutive years from 1940 to 1948

The details regarding the more recent production trends are given below —

	Total		Bombay		W Bengal		South	
	Hindi	Regional Language	Hindi	Regional Language	Hindi	Regional Language	Hindi	Regional Language
1950	115	126	106	38	7	44	2	44
1951	100	121	91	27	5	40	4	54
1952	102	131	91	21	6	42	5	68

Since 1947 production, particularly of Hindi films has been steadily on the decline and that of films in regional languages has been steadily rising Western India continues to be the major producing centre, but Bombay's share has fallen from 75 per cent in 1946 to less than 50 per cent in 1952 Another significant development is the production of pictures in colour one picture in colour was released in 1952 and another early in 1953 The release position has considerably improved since 1951 and there is no longer a back log of unreleased pictures The terms of exhibition have also partially come down and the production costs have declined

SHORT FILMS

Short Films include documentaries newsreels cartoons and comic strips The industry has hardly evinced any interest in this line The Information Films of India set up by the Government of India in February 1948 produced documentaries in five languages namely English, Hindi Bengali, Tamil and Telugu The themes were selected by the Department of Information and Broadcasting and 101 shorts were produced until the Division was closed in May 1946 During the war Government activity was extended to the production of newsreels and cartoons also

The Films Division as a branch of the Ministry of Information and Broadcasting was set up in Bombay early in 1948 Till 1950 it produced 70 documentaries Besides the stipulation that all exhibitors shall show approved films at each show, the rental is charged by the Films Division

The annual report of the Ministry of Information and Broadcasting for 1952 53 says that the Films Division produced and released 39 documentaries (including 7 obtained from outside producers) as against 36 last year An important feature of the year was the production of two colour shorts' The scheme for producing documentaries for State Governments on payment by them of half the cost did not receive adequate response Films Division shorts are now being screened in several countries It also organised an International Film Festival in 1952 Two units will be set up for producing films in 35 mm and 16 mm dealing with Community Projects and three units will be started for producing 18 educational films every year

16 MM. FILMS

The 16 mm film has not received the attention it deserves Its potentialities have not yet been adequately explored

Economy of cost and storage are two main factors in favour of the 16 mm film (1 000 ft of 35 mm = 400 ft of 16 mm) Colour is also easily available and the film can be processed and copies made in India itself

About 50 full length Indian features, mainly in Hindi, Marathi and Gujarati, are available in 16 mm The layout for the 16 mm film theatre is small and the whole equipment is portable (about the size of two portable typewriters in all) There is therefore a vast scope for the development of the 16 mm theatre on commercial lines The general practice in this matter is, however, very strange Whenever features are reduced to 16 mm, the new versions are released only after the exploitation of the standard size is complete

There are 16 mm libraries of films suitable for non theatrical audiences maintained by the British Information Services and the U S Information Services through their regional offices These offices also maintain trucks equipped with projecting machinery, and shows are arranged free of cost wherever wanted Many industrial houses have also made good films, some in colour, of great value for education or information and they are easily available for showing through schools and institutions

In the Defence Forces, 16 mm films have been extensively used for training and entertainment There are Inspectors of Visual Education under Directors of Public Instruction in the States who do valuable service by using 16 mm projectors in educational institutions They are, however, mainly dependent on imported films The biggest single 16 mm library of films in India is maintained by the Inspector of Visual Education in Bombay who makes the films available regularly to schools under him The Ministry of Education in Delhi has recently started building up a library of 16 mm educational films The work done through the Social Education Scheme of the Madhya Pradesh Government is also worthy of note, particularly because of the exhibition arrangements through 26 well equipped motor vans

FILM DISTRIBUTION

Distribution as a distinct unit is a relatively recent development In 1938 there were 11 film distributing agencies all dealing in foreign films In 1938 their number rose to 214 and ten years later to 887 On the other hand, disbributors of foreign films dropped from 27 in 1938 to 10 in 1948 The table relating to distributors is given below —

	1938	1948
Eastern Circuit (Bengal, Bihar and Assam)	25	134
Central Circuit (Madhya Pradesh, Madhya Bharat, Rajasthan and Bhopal)	5	49
Northern Circuit (Uttar Pradesh Punjab and Delhi)	34	168
Western Circuit (Bombay and Saurashtra)	32	153
Southern Circuit (Madras Mysore and Hyderabad)	118	383
Distributors of Foreign Films	27	10
Distributors of 16 mm Features	—	27
Total	241	924

The main export market for Indian films is Pakistan but Indian exporters are now being put to considerable difficulties Other markets are countries where there are large groups of Indians such as Malaya, Indo China, Burma, Ceylon and Africa Imports of exposed cinematograph films have been fairly heavy Until 1936-37 imports remained below 10 8 million feet, touched the peak at 26 million feet in 1938 39 and dropped to 6 9 million feet in 1942 43 owing to wartime conditions In the post war period imports recovered to 16 2 million in 1945-46 and thereafter fluctuated between 15 million feet and 12 million feet Under the import control regulations, import of foreign films are subjected to a monetary ceiling and distributors are authorised to remit up to 70 per cent of the gross revenue

The years 1952 and 1953 marked a period of acute depression for distributors and exhibitors In Sholapur (Bombay State) the competition became so intense that five cinemas reduced the rates of admission to a flat rate of one anna for all classes The Government of Bombay imposed additional restrictions on touring cinemas precluding them from visiting an area declared as the Sarvodaya area or a place with a population of less than 2,000 No touring cinema can visit a place in Bombay State within a year from the date another one was operating in that State nor can it return to the same place for a period of three years The Films Division also raised the rental on "approved" films

Recommendations of the Film Enquiry Committee —The following is a summary of the more important recommendations of the Film Enquiry Committee —

(1) A Film Council of India as the central authority should be set up to regulate the industry and to advise the State and Central Governments on matters connected with production

distribution, and exhibition of films The Council should have statutory powers in regard to licensing of studios and supervise training institutions

(2) There should be Production Code Administration on the lines of the one in the U S A with four regional branches in Delhi, Calcutta, Bombay and Madras and a Central Office Its main task should be to avoid wastage At the same time, the restriction on footage should be withdrawn

(3) A Film Finance Corporation should be established to provide finance to the industry on the condition that the producer raises at least one fourth of the capital

(4) The entertainment tax should be on an *ad valorem* basis at the level of 20 per cent of the gross takings Half the proceeds should be earmarked for the Film Council and 5 per cent of the proceeds should be earmarked for the initial capital of the Film Finance Corporation The fee charged from the producers for certification should be nominal Films should be exempted from the operation of octroi and terminal taxes Internal customs duties and police charges should have no place The licence fees for storage of films should cover the actual overhead charges The show tax imposed by Municipalities is unjustified

(5) Imports of raw film should be on the O G L and the Film Council should put the ceiling on consumption at 240 million feet

(6) The exhibition of 'approved' films of an informative or instructive nature as an essential part of each programme has proved quite successful and should be continued Such compulsion should not however exceed one tenth of the total screen time for each show

None of the above recommendations has been implemented by the Government

CINEMATOGRAPH ACT

The regulations of films for exhibition and of the cinemas is carried under the Indian Cinematograph Act The power of certifying films was until the amendment of the Act in 1949 vested in the State Governments Since production was concentrated in the three States of Bombay, Bengal and Madras and imports also mainly took place through the three ports in those States, the first examination of films for certification was done mainly by the Boards at these three cities The Act as amended in 1949 made a distinction between films considered suitable for exhibition to adults only and those suitable for general exhibition

The Act was amended in 1952 and a Bill was introduced in Parliament in November 1952 to amend the Act with a view to removing certain defects noticed in the course of actual administration Under the law the responsibility for deciding whether a film is or is not suitable for public exhibition is entrusted to the Central Board of Film Censors, but powers are vested in the Central Government to declare that any film already certified as uncertified and notice has to be given to the person who has been granted certificate to show cause why the film should not be uncertified This delay is sought to be avoided by the amendment Provision has also been made in the Bill making it obligatory on persons delivering a certified film to a distributor or exhibitor to transmit information and documents relating to the certificate which would enable punishment of the exhibitor if he shows the film with portions cut out by the Board before certification The difficulties encountered in proceedings against persons for interpolation and exhibition of unauthorised scenes in certified films are sought to be encountered by the Bill Enhancement of the penalty has also been suggested The Bill was passed in April 1953

The censorship rules amended in January 1953 provide that no certificate will be issued until a copy of the film as certified in 35 mm or 16 mm or a shooting script of the film is deposited with the Board and that the certificate shall be valid for five years from the date of its issue

During the period April 1, 1952 to January 31, 1953 the Central Board of Film Censors examined 2,298 films of which 53 were also examined by Revising Committees in addition to Examining Committees 2,434 films were granted certificates Of these 2,411 were 'U' and 23 'A' certificates 21 films were refused certification, while a number of films were certified after excision of certain portions The total footage ordered to be cut during the period was 46,995 Appeals were received by the Government in respect of 8 films Three were rejected and in the case of 2 the decision of the Board was reversed In regard to the remaining three films, the Board was asked to issue certificates subject to certain cuts 15 films were re-examined by Reviewing Committees of the Board The certificates of two of these were converted from 'U' to 'A' and in the case of six films orders for excision of certain portions were issued During the period 711 films were certified as predominantly educational

FEATURE FILMS

Year	Produced in India	Imported into India
1947*	284	313
1948	265	291
1949	289	301
1950	241	240
1951	221	312
1952	233	328
Average per year	255	297

*India and Pakistan

PRODUCTION OF FEATURE FILMS (By LANGUAGE)

	1949	1950	1951	1952
Hindi	159	115	99	102
Marathi	15	19	16	17
Gujarati	16	13	6	2
Bengali	62	42	39	43
Tamil	20	19	26	32
Telugu	7	18	20	25
Others	10*	15†	15††	12†††
Grand Total	289	241	221	233

* 6 in Kanarese †† 7 in Malayalam
† 6 in Malayalam ††† 11 in Malayalam

PRODUCERS OF INDIAN FEATURE FILMS

Year	New-comers	Total Producers
1948	157	211
1949	168	228
1950	113	197
1951	98	190
	536	826

FILMS DIVISION

(Expenditure)

		Rs
1948–49	Actuals	10,10,464
1949–50	,,	29,23,002
1950–51	,,	34,79,000
1951–52	,,	31 00,000
1952–53	,,	36 00,000
1953–54*		27,00,000

*Provisional

ESTIMATED REVENUE

(Collection of rentals on documentary and newsreels shown)

1949–50	Rs	10 lakhs
1950–51	Rs	20 ,,
1951–52	Rs	21 ,,
1952–53	Rs	21 ,,
1953–54	Rs	27 ,,

TOTAL PRODUCTION 183 documentaries and 267 newsreels (upto 1953 Oct)

CINEMAS IN INDIA AND THE "CIRCUITS"

	Circuit	Places	Permanent Cinemas
1	Bombay	301	619
2	Central	272	501
3	North	162	385
4	Bengal	259	504
5	South	493	924
	Total	1 487	2 933

IMPORT OF FILMS

	Raw Films		Exposed Films	
	Footage (in feet)	Value (Rs in lakhs)	Footage (in feet)	Value (Rs in lakhs)
1948–49	156 42	77	12 39	*NA*
1949–50	178 75	95	14 63	*NA*
1950–51	208 50	126	14 54	36 06
1951–52	198 17	136	10 60	28 01
1952–53	247 64	166	12 95	39 69

NA = Not available

IMPORT OF EQUIPMENT

(Rs in lakhs)

	1948–49	1949–50	1950–51	1951 52	1952–53
Cinema projecting apparatus etc	37 14	61 08	61 95	53 79	25 58
Sound recording apparatus etc	24 53	11 50	9 53	17 56	10 70

PRODUCTION OF FEATURE FILMS IN OTHER COUNTRIES

	1949	1950
Argentina	46	57
Egypt	—	54
France	104	106
Germany	63	78
India	289	241
Japan	156	115
Mexico	106	N A
U K	132	125
U S A.	361	395

COUNTRY OF ORIGIN OF FEATURE FILMS EXHIBITED IN INDIA

	1948	1949	1950
India	260	211	144
America	190	224	183
Britain	50	14	15
Other countries	—	1	2
Total	500	450	344

GLASS INDUSTRY

THE more commonly used raw materials are sand, borax, soda ash and salt cake, dolomite, lime or limestone, salt petre and sulphur, manganese dioxide and colouring materials Though supplies of sand are in plenty, its quality is not uniform Nearly all the glass factories of northern India and West Bengal obtain their requirements of sand from the Allahabad district Subsequent to the Tariff Board s inquiry in 1932, little progress has been made in the installation of grading and washing equipment for sand Borax is mostly obtained from abroad, while soda ash is received from indigenous manufacturers and importers Sufficient quantities of lime or limestone are available Coal is the commonest fuel The bulk of refractories is obtained from indigenous sources The demand for refractories by the glass industry is estimated at about 10,000 tons per year

The industry comprises the manufacture of sheet glass, blown and pressedware and bangles The industry has developed mainly under the private sector with reported capital investment of Rs 5 78 crores in 1951

Some 26 000 workers excluding those engaged in cottage industries are employed in the industry Government protection to the sheet glass section was granted in 1950

The total number of factories in 1951 was 109 and their regional distribution was as under —

State	No of units	Annual rated capacity
		Tons
West Bengal	30	63,600
Bombay	22	43,560
Uttar Pradesh	21	36,960
Madras	8	6,850
Bihar	8	16 380
Madhya Pradesh	5	4 220
Punjab and PEPSU	4	4,140
Delhi	2	1,200
Rajasthan	2	900
Hyderabad	2	3,960
Saurashtra	1	360
Mysore	1	720
Travancore Cochin	1	600
Orissa	1	3,600
Madhya Bharat	1	1,800
Total	109	188,850

Besides there were 35 units with an installed capacity of 30 000 tons which had not been in operation for over three years bringing the total capacity of all the units in the country in 1951 to 218 850 tons

The manufacture of bangles was undertaken by about 100 units, mostly established on a cottage industry basis and localised in the Ferozabad district in Uttar Pradesh and Belgaum district in Bombay The rated capacity of these factories was placed at 35 000 tons In the sheet glass section there were three units in existence in 1950-51 with a combined rated capacity of 23 4 million sq ft equivalent to about 11,700 tons

OUTPUT

Actual output of glassware is shown by the following table

—	1949	1950	1951
	Tons	Tons	Tons
Bangles	17,000	16 000	14,000
Bottles and phials	46,951	51,850	60,948
Table and pressedware	6,625	12,950	11,372
Lampware	9,937	13,150	15,362
Scientific glassware	1,987	2,137	1,970
Miscellaneous	1,324	1 985	3,291
Sheet glass	1,936	5,098	5,800
„ in million sq ft	(3 5)	(9 57)	(11 1)
Total	85,760	103,270	112,743

During 1952 the actual production, however, showed a decline The output of sheet glass dropped to nine million sq ft and that of laboratory glass to 1,476 tons A small increase of a little over 10 per cent was noted under glass shells for electric lamps whose production rose from 144 lakh pieces to 166 8 lakh pieces in 1952 , but the other glassware reported a fall from 90 324 tons in 1951 to 85,224 tons in the following year

The year was notable for a good increase of 30 000 tons in the capacity on account of 8 new units coming into existence

Imports and exports are as follows

(Rupees in lakhs)

—	1948 49	1949 50	1950-51	1951-52	1952 53
Imports	165	191	57	214 73	128 05
Exports	24 3	10	15	21 42	24 16

DEVELOPMENT PLANS

For meeting the domestic and export needs, it is necessary for the industry to produce 127,500 tons in 1952 53 and 163,500 to 168,500 tons by 1955 56 of all types of glassware other than bangles Even then imports of glass to the extent of Rs 30 lakhs might be necessary in 1952 53 and of Rs 20 lakhs in 1955 56

The following table summarises the programme of development during the period of the Plan —

—	1950-51		1955-56	
	Annual rated capacity	Actual production	Annual rated capacity	Actual production
	Tons	Tons	Tons	Tons
Bangles	35,000	16,000	35,000	16,000
Sheet glass	11,700	5,850	52,200	26,000
Blownware and pressedware including glass shells	201,550	86,100	237,800	137,500
Safety glass (m sq ft)			0 5	0 5
Optical glass			12	10
Total (excluding bangles) ..	213,250	91,950	290,012	168,510

*

HIDES, SKINS AND LEATHER

THE Republic is regarded as a surplus area in respect of its resources of raw hides and skins It is estimated that normally it produces 16 2 million cow hides, 5 5 million buffalo hides, 23 2 million goat and 15 1 million sheep skins a year Only a portion of the cattle and buffalo hides is obtained from slaughtered animals and the bulk, about 75 to 80 per cent is derived from animals that die a natural death

The bulk of the production is carried on in small towns and villages

The tanning industry comprises four sections, *viz*, 1 organised tanneries producing finished vegetable tanned buffalo leather and chrome tanned upper leather, 2 tanneries producing vegetable tanned leather known to the trade as E 1 kips and E 1 tanned skins, 3 small-scale chrome tanneries producing chrome tanned upper leather, and 4 village tanneries producing vegetable tanned cow and buffalo leather and vegetable tanned leather from goat and sheep skins

The number of factories and annual rated capacity in 1950 of each of these sections was as follows —

—	Number of factories	Capacity in million
1	26 (16 produce chrome)	3 184 (hides for vegetable tanning) 1 976 (hides for chrome tanning)
2	500	10 (tanned hides) 20 (tanned skins)
3	250	3 (hides)
4		8 to 9 (raw hides) 3 to 4 (raw goat and sheep skins)

The second section is mainly concentrated in south India, while the third is located in Calcutta and worked by the Chinese

PRODUCTION

The following is the trend of production —

Year	Chrome and tanned hides	Vegetable tanned buffalo and cow hides (in terms of cow hides)	Leather cloth (000 yards)
	(thousands)	(thousands)	
1948	1 087 2	1,958 4	
1949	580 8	1,834 8	
1950	879 6	1,514 4	
1951	650 4	1,704 0	1,868 8
1952	823 2	1,478 4	845 6

According to the census of manufactures, 1950, the total fixed investment in 81 factories giving employment to 8,340 workers in 1950 was Rs 85 lakhs and the working capital Rs 261 lakhs

The annual requirements of raw materials at the beginning of 1950 51 were —

Raw hides—20 million pieces, raw skins—25 million pieces, lime —25,000 to 30 000 tons wattle bark and wattle bark extract—30,000 tons (imported), other barks —300,000 tons, myrabolans—25 000 to 30,000 tons sodium sulphide—700 tons, boric acid—1,000 tons sulphuric acid—1,500 tons, sodium bichromate —1,200 tons, sodium thiosulphate—300 tons, fish and vegetable oils—4,000 tons, coal tar dyes—125 tons, artificial bates—60 tons, water and nitrocellulose pigment finishes—150 tons, and tallow—1,000 tons

Imports of manufactured leather are insignificant but exports play a vital part in the foreign trade as shown below —

—	(Value in lakhs of rupees)		
	Hides, tanned or dressed including calf skins	Skins tanned or dressed	Leather unwrought
1948-49	4,96 4	7,20 4	39 4
1949-50	8,53 3	11,73 0	58 5
1950 51	12,12 2	13,24 8	58 0
1951-52	13,61 3	11,31 7	39 2
1952-53	9,22 1	10,74 4	15 7

The main problems about raw material relate to the supply of hides and skins and wattle bark Supplies of hides have to be arranged from Pakistan As for wattle bark, the Government of Madras is reported to be taking steps for bringing about 21,000 acres under wattle plantation

FOOTWEAR INDUSTRY

The principal use of leather is for the production of footwear According to the Monthly Statistics of Selected Industries, nine of the large scale factories in existence had an annual capacity of 4 7 million pairs of Western type footwear in 1951, while small scale factories and cottage units turn out annually about 13 million pairs of Western type footwear, and 70 million pairs of the indigenous kind

The output of the large scale factories since 1948 is given below —

—	Western type (million pairs)	Indian type (million pairs)
1948	3 202	2 068
1949	2 850	2 108
1950	2 837	1 997
1951	3 641	2 074
1952	3 367	1 806

On the basis of the level of footwear production estimated at 85 million pairs in 1950 51 the requirements of raw materials are approximately 10 25 million tanned hides and 4 million tanned skins 4 51 million reels for upper and 300 tons for others of thread, 240 million pieces of eyelets 1 100 tons of other items of grindery and 7 5 million yards of abrasives

Imports and Exports are as follows —

no of pairs

—	1948-49	1949-50	1950-51	1951-52
Imports		24,140	Negligible	
Exports	778,145	380,933	539,228	1,417,506

The Planning Commission thinks that exports during the period of the Plan should fluctuate between 0 539 million pairs and one million pairs and has recommended that the production should be raised from 85 million pairs in 1950 51 to 91 million pairs by 1955 56 by fuller utilisation of the existing capacity of large scale factories, and through the establishment of 100 new small-scale units each with a daily output of 100 pairs of Indian type

*

JUTE INDUSTRY

The following table gives the details of the production trends of raw jute in the Indian Union —

Year	Lakh acres	000 bales
Average		
1936 37 to 1938 39	8 7	1,904
1944–45	5 9	1,164
1945–46	5 9	1,459
1946–47	5 3	1,320
1947–48	6 5	1,658
1948–49	8 3	2,055
1949–50	11 6	3,117
1950–51	14 5	3,270
1951–52	19 5	4,677
1952–53	18 34	4,695

Following the partition India has not only ceased to be an exporter of raw jute but presently depends on imports from Pakistan These are arranged under bilateral trade pacts concluded periodically for a short duration

The statistical position of raw jute for 1951 52 season (actual) and for 1952 53 season (estimated) is given below —

(Bales)

	1951–52 July June	1952–53 July June
Supply		
Opening stock—		
With Mills	10,13,000	11,05,000
With balers	43,000	50,000
Indian Crop	46,78,000	46 95,000
From Pakistan	18,00 000	15,00,000
Total Supply	75,34,000	73,50,000
Consumption		
Mill Consumption	61,00,000	56 30,000
Domestic Consumption	1 00,000	1 00,000
Total Consumption	62 00,000	57,30,000
Carry over		
Theoretical	13,34,000	16,20,000
Actual	11,55,000	Not Available

Though India has achieved self sufficiency, she still depends on Pakistan for quality jute

The following table gives the trend of mill consumption of raw jute —

Year ended June	Lakh bales
1947-48	61 7
1948 49	62 0
1949 50	49 1
1950 51	51 1
1951 52	56 88

JUTE INDUSTRY

In 1950 there were 112 registered jute mills with a total number of 72,161 looms, of these 101 were located in West Bengal

The loomage on June 30, 1951 was 72,235 capable of producing 100,000 tons of jute goods per *month* 107 mills had a fixed capital of Rs 29 81 crores and a working capital of Rs 37 4 crores in 1950 In the same year 306,000 workers found employment in the industry

The progress of the industry during the past few years is summed up in the following table —

(In thousand tons)

Year (July June)	Production				Exports	Stocks
	Hessian	Sacking	Others*	Total		
1939 40	576	646	42	1,264	1,147	146
1940 41	449	499	36	984	821	145
1941 42	591	588	46	1,225	825	251
1942 43	484	662	59	1,205	689	275
1943 44	393	521	40	954	635	195
1944 45	415	545	40	1,000	677	177
1945 46	463	581	41	1,085	801	188
1946 47	418	510	34	962	800	176
1947 48	483	520	32	1,035	896	120
1948 49	494	577	110	1,081	872	107
1949 50	285	505	111	901	787	71
1950 51	329 7	498	35 2	857 9	649	90 4
1951 52	309 4	607	28 8	945 2	769	30

* Includes production of non member mills in 1948-49 and 1949-50

PRICES

The following table gives the average quotations of jute manufactures since 1940 41 —

July June	Hessian 40"×8 oz per 100 yards			B Twills—2¼ lb, 44×26½ 6×3' per 100 bags		
	Rs	a	p	Rs	a	p
Average						
1940 41	13	14	0	32	3	0
1941 42	18	11	0	38	10	0
1942 43	17	5	0	56	4	0
1943 44	21	5	0	66	9	0
1944 45	22	2	0	64	2	0
1945-46	21	15	0	65	7	0
1946 47	35	10	0	97	7	0
1947 48	43	14	2	118	14	3
1948 49	40	11	0	137	12	0
1949 50	48	7	0	155	12	0
1950 51	54	1	0	183	12	0
1951 52	64	9	0	206	1	0
April 1953	39	4	0	87	9	0

In order, however, to have a correct perspective on the prices of raw jute and jute manufactures, the following index number of prices will be interesting —

INDEX NUMBER OF PRICES

(Base July 1914=100)

Period	Raw Jute	Manufactured Jute	% of Jute Goods to Raw Jute
Average of 1924 28	114	156	137
,, ,, 1929 33	59	88	149
,, ,, 1934 38	49	69	141
,, ,, 1939 43	97	134	154
,, ,, 1944 48	188	274	146
1947	251	366	146
1948	296	383	129
1949	290	391	135
1950	301	424	141
1951	517	645	125
1952	277	386	139

Ever since the devaluation of the Indian rupee and non devaluation of the Pakistani rupee, supplies of raw jute from Pakistan badly needed by Indian jute mills became difficult and while there was a boom in the demand for jute goods due to outbreak of hostilities in Korea in mid-1950, the production of jute goods outside India considerably increased This competition became intense following Pakistan's decision to charge a higher price for supplies meant for India and, consequently, the Government reduced the export duty in May 1952 from Rs 750 to Rs 275 per ton in the case of hessian and from Rs 350 to Rs 175 on sacking With effect from March 1, 1953, export duty on sacking was lowered further to Rs 80 Efforts were also made to stimulate American offtake of jute goods by sending a goodwill mission On March 30 1952 the working hours were reduced from 48 to 42½

The main problems facing the industry, observes the Planning Commission, are shortage of raw material, modernisation of equipment and possible competition in the foreign markets from substitutes and other products Lack of finance is a major factor deterring the industry from undertaking modernisation The task, therefore, is to utilise the existing capacity more fully by procuring greater supplies of raw jute On this basis, it hopes that the output of the mills can be stepped up from 858,000 tons in 1950-51 to 1,200,000 tons in 1955 56 and exports from 650,000 tons to 1,000,000 tons.

LAC INDUSTRY

LAC is a resin which finds extensive application in industries It is a resinous protective secretion of an insect which lives by sucking the sap of certain trees and shrubs called lac hosts

There are four crops of sticklac, named after the Hindu months in which the collection of each crop commences These are Baisakhi' and Katki' from one strain of the insect (Rangeeni) and Jethwi' and Aghani from another strain (Kusumi) The first processed product, after the crushing and washing of sticklac is known as 'seedlac From this shellac is manufactured

Sticklac is generally an Indian product though for some time now Thailand has been a competitor

The average production of sticklac in different States from 1946 to 1953, a period during which shellac was free from price control, is as follows —

States	Average crop (In maunds)
Bihar	673,019
Madhya Pradesh	290,941
West Bengal	48,535
Vindhya Pradesh	33 272
Assam	21 379
Orissa	20 319
Bombay	15 211
Uttar Pradesh	11,633
Other States	27 480
Total	1,141,819

There are no regulated markets for trading in sticklac

Out of the 489 factories in the country, 405 are located in Bihar, only two are, however, fully mechanized

Yield from sticklac varies from year to year and locality to locality

Roughly the yield of seedlac and shellac is 65 per cent and 55 per cent of sticklac

The cost of manufacturing one maund of shellac from seedlac is about Rs 16 and of converting sticklac into seedlac is Rs 3 In 1939 these were roughly Rs 3 8 and as 8 respectively

Prices of shellac and seedlac have been subject to wide fluctuations

During the first war, the price of T N Shellac at Calcutta ranged between Rs 32 and Rs 50 per maund but the upward movement initiated in 1917 18 lifted it beyond Rs 200 in October 1920 Then followed a downward trend except for a slight recovery in 1927 28 and 1934 35, and the rate touched the bottom at Rs 18 in 1933 34 and sought a fresh lower level at Rs 13 per maund by April June 1939

During the Second World War - July 1942 to April 1946 the prices were controlled on T N basis at Rs 64 and later at Rs 70

After decontrol, the prices started rising, but in March 1950 they fell to Rs 95 on T N basis as compared with an average price of Rs 130 in December 1949

Following the outbreak of the Korean war, the price touched Rs 190 in January 1951 but declined by the end of March 1952 to Rs 92 per maund

During 1952-53 the market was subdued with pure T N Shellac fluctuating between Rs 84 and Rs 66 There has been a firm trend since 1953 April and in November the rate was around Rs 107 per maund

About 90 per cent of the total quantity of processed goods is exported

The U S is the best customer, followed by the U K and Germany

EXPORTS

The data relating to the average annual exports in seven years preceding the War (1932 33 to 1938 39) and in the corresponding post war period (1946 47 to 1952 53) are given below —

——	(Tons) Pre war	(Tons) Post war
SHELLAC AND BUTTON LAC		
U K	7 993	5,504
U S A	5 456	6,015
Germany	1 928	381
Other countries	5,741	6 379
Total	21,118	18,779
SEEDLAC		
U K	682	1,011
U S A	5 980	7,018
Germany	508	174
Others	901	689
Total	8 161	8 892
STICKLAC		
U K	22	6
U S A	4	
Germany	9	114
Others	142	16
Total	177	136
OTHER KINDS		
U K	40	376
U S A	78	576
Germany	631	850
Others	924	454
Total	1,673	2 256
ALL KINDS		
U K	8,737	6,898
U S A	11 518	14 109
Germany	3 166	1 520
Others	7 708	7 538
GRAND TOTAL	31,129	30,065

Lac has made significant contributions to the development of art and industry

Shellac is consumed chiefly by five industries

The gramophone industry consumes about 11 to 13 thousand tons

The varnishes and paint industry absorbs something like 4 to 6 thousand tons

The total demand from the electrical industry is estimated at 3 000 tons as against 6 000 tons in pre war years

Nearly 3,000 tons are used in the hat industry as a stiffening material

The manufacture of sealing wax requires about 1,500 tons

The Indian Lac Association for Research was formed by traders in Calcutta in 1921 and the Government found the funds by levying a cess on all exports of lac other than refuse lac at as 4 per maund and for refuse lac as 2 per maund

The Indian Lac Cess Committee was established under the Lac Cess Act of 1930 and the cess was raised to as 7 and as 5 respectively With effect from April 1948 this cess was doubled

The Government of Bihar appointed in January 1953 a Committee to report on the condition of the industry and to recommend remedial measures

Some of the more important recommendations are given below —

(1) The *fatka* in the trade should be replaced by a system of specific delivery contracts

(2) Export of seedlac and shellac on consignment should be stopped, and floors and ceilings should be fixed for prices of seedlac and shellac Export of sticklac should be banned

(3) The total lac production in the country should be raised by approximately three lakh maunds a year during the next five years

(4) The Indian Lac Cess Committee should be replaced by a Lac Board whose functions should correspond to those of the Tea Board

In addition to effective propaganda abroad for increased consumption of shellac, steps should be taken to stimulate domestic consumption also

NON-FERROUS INDUSTRY

ACCORDING to Dr D N Wadia, formerly Mineral Adviser to the Government of India, mineral resources of India for aluminium copper and antimony are sufficient to meet our present and future requirements As regards lead, zinc and tin, our resources are not likely to be sufficient and imports will be required to meet the deficiency in these metals And about the rest of the non ferrous metals, our mineral resources are negligible The position regarding these metals is briefly described below

(*a*) **Aluminium Ores** :—India is rich in deposits of high grade Bauxite which are estimated at 250 million tons These are generally located in Jabalpur and Balaghat Districts of Madhya Pradesh Belgaum, Kolhapur Thana and Kaira Districts in Bombay Ranchi Plateau in Bihar, and Shevaroy Hills in Salem, Madras

(*b*) **Copper Ores** —Copper pyrites is the principal ore of copper The deposits of copper pyrites in India are in Singbhum and Baragunda in Bihar, Khetri mines in Jaipur, Sikkim State, Mysore State and in the Salem District of Madras State Although only the Singbhum deposits are worked at present, the copper belts of Sikkim and Khetri are very promising

(*c*) **Lead Ores** :—Lead ores are known to occur at a number of places in India Special mention may be made however, of lead deposits in Jaipur and in Zawar Mines in Udaipur where lead is found in association with zinc, in Chhota Udaipur in Gujarat and in Hazaribagh in Bihar

(*d*) **Antimony Ores** —Antimony ore deposits have been found at the Shigree Glacier in Lahaul, Kangra District Punjab (India)

(*e*) **Zinc Ores** :—At present zinc deposits are known to occur at only two places in India Zawar mines in Udaipur and in the Riasin District in Kashmir State

(*f*) **Tin Ores** —Several localities are known in India where tin stone (Cessiterite) has been found in small quantities The most interesting of these areas is that in the Hazaribagh District of Bihar None of these ores are said to be very promising

PRODUCTION OF METAL

The only non ferrous metal produced in India before the war was copper The Indian Copper Corporation Ltd started working the Singbhum copper deposits in Bihar in 1928 29

The production of refined copper in tons is as follows 1946—6,310, 1947—5,932, 1948—5 864, 1949—6,590, 1950—6,614 1951—7 083, 1952 - 6 079

There was practically no refining industry for the recovery of metal from scrap and most of the industrial non ferrous scrap was exported to Japan and Germany

As regards processing of semi manufactures the only production was of brass sheets by the Indian Copper Corporation Ltd averaging about 8 000 tons per annum, and electric copper wires and insulated cables by the Indian Cable Co Ltd A more recent development is the manufacture of brass and copper pipes and tubes Their annual capacity is 360 tons but the actual production has never exceeded 11 tons and 60 tons respectively

For antimony a smelter was set up during the war at Bombay by the Star Metal Refinery with a capacity of 00 tons per annum This capacity has now been increased to 700 tons, per annum The ore brought from Chitral State (Pakistan) was used for smelting antimony and the plant had reached full production in 1946 47 After the partition of the sub continent, the ore supplies from Chitral were cut off and as a result the production suffered The production from 1949 to 1952 was 100 tons in 1949, 375 tons in 1950 327 tons in 1951, and 181 in 1952

There is a new Lead Smelter at Katrasgarh in Bihar with a capacity of 7,000 tons per annum The production of lead in 1949 and 1950 was, however, only about 600 tons a year due to the difficulties of transporting ore from the Jawar mines in Udaipur to the Smelter The company has now set up an ore dressing plant at the mines which will reduce the weight of the ore to be transported The capacity of this plant is reported to be 9,000 to 10,000 tons of lead concentrates of 60 to 65 per cent lead and 7,000 to 8,000 tons of zinc concentrates averaging 55 per cent zinc The production in tons is as follows 1948—625, 1949 -594, 1950—627 1951—859, 1952—1,131

No progress has been made in the production of zinc in India Although the Jawar mines were originally prospected by the Geological Survey of India for zinc and although the ore in the Jawar mines contains about 13 per cent lead and 9 per cent zinc, there is no immediate proposal for producing zinc The present plans are only to produce from the zinc-bearing ores lithopone and zinc oxide which are required for the paint industry

SEMI-MANUFACTURES

The greatest progress in the non ferrous industry made since 1939 is in regard to the semi manufactures Several brass and copper rolling plants were started for rolling brass and copper sheets mainly in Bombay The combined capacity of these new plants is about 20 000 tons per annum

Some lead sheets are also manufactured in the Calcutta area, but at present they are rolled in 3 ft width, while the chemical industries require lead sheets of 7 to 9 ft width Aluminium and lead foils for tea chests are also manufactured in the Calcutta area and the present capacity is estimated to be sufficient to meet India's requirements

Several rolling plants for rods and bars of brass copper, etc were started during the war afterwards an Extrusion Press was set up in Calcutta by National Tubes and Pipes Ltd Arsenical copper rods which are required for railway locomotives as boiler stays were manufactured in Jaipur by the Jaipur Metal Industries Ltd during the war and all the requirements of railways can be met by indigenous production The present capacity for rods and tubes of brass and copper may be estimated at about 10,000 tons, which is enough to meet the present requirements of the country The manufacture of lead pipes was started during the war at Konnanagar

A new plant for lead pipes was also set up in Bombay during 1949 The present production is about 330 tons per annum, but this could be increased to 1,000 tons, if required

A plant for the manufacture of electrical wires and cables was set up near Calcutta during the war by the National Insulated Cable Co The total production of electrical bare copper wire and cables of this company and the Indian Cable Co is estimated to be about 10,000 tons per annum

Two plants one in Bombay and the other in Calcutta for the manufacture of enamelled copper wire required for making electric motors and fans have a total capacity of 2,000 lbs per day

A number of concerns have been started for manufacturing different kinds of non ferrous alloys The refining and reconditioning of railways scrap and other industrial non ferrous scrap is now done in this country, which was formerly largely exported The total present alloying capacity in the country may be estimated at about 20 000 to 25,000 tons per annum

A plant for the recovery of silver from old coins has been taken up for implementation at the Alipore Mint This plant will also be able to recover about 3 600 tons of electrolytic copper from copper scrap

A scheme for erecting a ferro-manganese plant with an annual capacity of 10,000 tons, has been approved This plant is proposed to be installed at the Hirakud Dam site in collaboration with an Italian firm

In most cases there is a protective duty of 30 per cent In the case of zinc and lead sheets the protective duty is fixed at 20 per cent and of arsenical copper rods, brass rods and brass wires a protective duty of 35 per cent The import duty on machinery is 5 per cent which is applicable to all industries

ALUMINIUM

Aluminium is the only non ferrous metal which India can produce in large quantities because of extensive deposits of bauxite and adequate supplies of bulk power There are two units The Indian Aluminium Co working in collaboration with the Canadian Aluminium Co has put up an alumina plant at Muri in Bihar The alumina produced is converted into pig aluminium at Alwaye and rolled into sheets and finished goods at Calcutta The Aluminium Corporation has an integrated plant near Asansol

The two plants have a total capacity of 4 000 tons of aluminium ingot per annum Their rolling mills have a combined capacity of 3,500 tons The capacity of the alumina plants is 14 000 to 15,000 tons and the capital invested in the industry is about Rs 350 lakhs

The production of aluminium in tons since 1948 is follows —1948 3,369, 1949 3,480, 1950—3 590 1951—3,848 1952—4 425

Except bauxite and coal most of the other raw materials are available only partly or not at all from indigenous sources Caustic soda and soda are not produced in enough quantities, cryolite aluminium fluoride, carbon blocks and filter cloth have to be imported, and the possibilities of producing greenland in this country are yet to be investigated

The demand for aluminium has been estimated at between 15 000 tons and 20,000 tons The handicaps of the industry are the small capacity of the units the inherent refractory nature of Indian bauxite which costs more to mine, and expensive raw materials such as petroleum coke

The Indian Aluminium Co envisages the expansion of the smelter at Alwaye to 5,000 tons and to raise the rolling capacity of its mills at Belur to 6 000 tons per annum The Aluminium Corporation has a scheme to step up its production of aluminium ingots to 2 000 tons per annum and the sheet rolling capacity from 500 tons to 3,000 tons These plans of both the units are expected to be completed by the end of 1953

For the planned period, the installed capacity is expected to be stepped up from 4 000 tons in 1950 51 to 20,000 tons by 1955-56 and production from 3,677 tons to 12,000 tons The industry is protected by a protective duty of 30 per cent

IMPORTS OF NON-FERROUS METALS

——	1950 51	1951 52	1952-53
Aluminium (Cwts)	193 600	185,623	120,777
,, unwrought (Cwts)	57,033	50,161	23,731
Brass, Bronze etc (Cwt)	289,881	36,127	31,882
Copper (Cwts)	748,958	107,146	412,218
,, unwrought (Cwts)	596,016	81 591	389,843
,, old for re manufacture (Cwts)	125,040	13,040	3,494
Ferro Alloys (Tons)	2,406	2,538	1,293
German Silver (Cwts)	19,130	5,518	9,406
Lead (Cwts)	313,738	154,194	67,008
Tin ,,	86,195	73,037	40,572
Zinc ,,	695,856	363,716	403,712

OPIUM INDUSTRY

IN addition to being a narcotic, opium is the base of many medicinal drugs Because of its devastating effect as a dope, the Central and State Governments have adopted various measures to put an end to the evil and a very small fraction of the population is now left still making habitual use of the drug With a view to restricting its manufacture only for medicinal and scientific purposes, the Government has taken in hand improved methods of poppy cultivation, restricted the cultivation of poppy through licenses and confined production to its factories at Ghazipur and Neemuch Only a small percentage of opium is sold to the State Governments after processing and the balance is exported for medicinal and scientific purposes

Poppy cultivation is confined to the States of Uttar Pradesh, Madhya Bharat, Rajasthan and Himachal Pradesh and a negligible quantity is grown in Bilaspur The entire crop has to be sold to the Central Government at a fixed price The opium poppy grown in India is of three varieties—Banaras in U P Malwa in Madhya Bharat and Rajasthan and Himalayan in Himachal Pradesh Cultivation starts in November and the crop is harvested in April or May Preparation of the land for the reception of the seed is a prolonged process, the field being given 20 to 25 ploughings Opium is derived as a juice called latex After collection it is dried by the farmer before being delivered to the Government

The area under poppy cultivation, which used to be 760 000 acres in 1905 06 is now barely 70 000 acres The production fluctuates according to the overseas demand and its trend in recent years is given below —

Year	Acreage	Production (Maunds)	Exports (Tons)
1948 49	69,425	9 515	35
1949 50	51 480	7,030	172
1950-51	69 720	13 700	348
1951 52	56,190	9 045	167

At a conference of the State Governments in 1949 it was decided to reduce the supplies to States at a progressive rate of ten per cent every year so that these supplies will cease completely by 1959 The trend of domestic consumption of excise opium is given below —

Year	Consumption in Maunds
1948-49	3,895
1949 50	2,925
1950 51	3,170
1951-52	3,700
1952 53	3,135

In 1946 the Central Government erected a huge alkaloid plant at the Ghazipur factory for manufacturing medicinal preparations and India claims today the distinction of producing alkaloid products including thebaine, papaverine and cotarnine During the past five years, sales of alkaloids in the country have gone up from 515 lb in 1947 48 to 1,430 lb in 1950 51 and then declined to 1 198 lb in 1951-52, while exports, which were insignificant in 1947 48 and only 374 lb in 1950 51, shot up to 1 479 lb in 1951 52

INTERNATIONAL CONTROL

International efforts to control opium date back to the beginning of the present century, and the League of Nations and the United Nations Organisation have, during the last three decades been endeavouring to confine its use solely to medicinal and scientific purposes An International Opium Commission met in Shanghai in 1909 at the initiative of President Theodore Roosevelt as a result of which the first Opium Convention was drawn up at the Hague in 1912 Several treaties on narcotics have been signed since then but all efforts at limiting production of opium have met with limited success

The Geneva Convention of 1925 provides for measures to regulate international trade in opium and other dangerous drugs In 1950 the United Nations proposed a draft plan for creating an international opium monopoly, but due to lack of agreement the proposal fell through The latest International Protocol signed at New York on June 23, 1953 aims at limiting production and control of the international and wholesale trade in opium and incorporates many of the salient features of the comprehensive Indian system of control

Until the establishment of the plant for the manufacture of alkaloids opium as a source of revenue lost its importance because of the deliberate policy of the Government to curtail opium consumption and exports Between 1941 42 and 1946 47 the net receipts fluctuated between a surplus of Rs 48 lakhs and a deficit of Rs 52 lakhs Since then the trends have been more helpful for the Central budget Details for recent years are given below —

(In lakhs of rupees)

—	1950 51	1951 52	1952 53 Revised	1953-54 Budget
REVENUE				
Sale of opium to State Governments			62 00	62 00
Sale of medical opium			1 40	1 50
Sale of alkaloids			6 80	6 70
SALE ABROAD		268 48		
Sale of raw opium			120 00	125 00
Sale of alkaloids			4 00	4 00
Sale of miscellaneous			1 00	1 00
Total		268 48	195 20	200 20
Refunds		0 06	0 20	0 20
Net Revenue		268 42	195 00	200 00
EXPENDITURE		Not Available	177 38	293 47

The decrease in revenue is due to slender sales of raw opium to foreign countries The expenditure budget provides for a higher anticipated yield of opium, purchase of stores and machinery for Ghazipur Opium Factory and enhancement of wages as a result of the recommendations of the Fair Wages Committee

PAPER INDUSTRY

THE bulk of the production comprises the more common types of paper, especially printing and writing paper The manufacture of superior varieties is also undertaken but on a restricted scale

There is no mill manufacturing newsprint at present

The following table gives the trend of production —

(In 000 tons)

Year	Installed Capacity	Total Production	Printing & Writing	Wrapping	Special Varieties	Board
1947	105	93	53	17	5	18
1948	105	98	50	17	13	17
1949	110	103	59	13	11	19
1950	114	109	70	15	5	19
1951	137	131	78	24	3	26
1952	147	138	91	22	2 8	22

There are 40 factories engaged in the manufacture of straw and other boards with an annual rated capacity of about 54 500 tons and an actual production of 25,400 tons in 1951 52

The block capital of the paper and paper board industry in 1950 51 was Rs 21 8 crores There were 37 factories and the industry found employment for about 22 000 workers

The State wise distribution of the paper and paper board industry in February 1951 is given below —

State	No of units	Annual rated capacity (tons)
West Bengal	4	98 500
Bihar	1	11 000
Orissa	1	31 500
Uttar Pradesh	2	6,400
Punjab and PEPSU	1	8,500
Bombay	3	5 100
Madras	—	2 600
Hyderabad	1	5 000
Mysore	1	4 000
Travancore Cochin	1	4,000
	17	136 600

There has been a steady fall in the imports of paper and pasteboard from 113,000 tons in 1949 50 to 90,400 tons in 1951 52 The figure for 1952 53 was 106,459 tons Exports have not been appreciable in the past In 1951 52 they were 3,251 tons, and in 1952 53 , 1,702 tons

Sabai grass and bamboo are the chief raw materials which are available locally The use of imported woodpulp has been gradually discontinued and hardly 10 per cent of the raw material is imported Of late, however, the industry has been placing a greater reliance on rags, hemp, hemp ropes and wastepaper One important mill is exclusively dependent on waste paper and rags

For many years the paper pulp section of the Forest Research Institute at Dehra Dun has been carrying out experimental work in connection with the development of new fibres for paper-making

Recent enquiries show that the Kashmir and Tehri Garhwal can supply fir and spruce in quantities sufficient for the establishment of newsprint mills in Kashmir and U P The two species of wood are well known raw material for the production of mechanical pulp for use in newsprint manufacture and the suitability of both the species from the two States has recently been tested at the Forest Research Institute, Dehra Dun

DEVELOPMENT PROGRAMME

The main problem of the industry is the shortage of raw materials accentuated by the partition of the country as the factories in West Bengal were deprived of their supplies of bamboo previously obtained from East Bengal.

The immediate programme of development visualises the expansion of the rated capacity to 211,000 tons of paper and paper board and 30 000 tons of newsprint by 1955 56 at a capital cost of Rs 8 crores The actual production is, however, expected to be 200,000 tons of paper and paper board and 27,000 tons of newsprint by 1955 56

The production of straw-boards is expected to go up to 52,000 tons since the expansion plans of Straw Products Ltd , Bhopal would raise the rated capacity by 4,000 tons to 58,500 tons In addition, about 25,000 tons of paper-boards would be available for consumption making a total of about 77,600 tons by 1955 56 as against an anticipated demand of about 95,000 tons

According to the Planning Commission the production of 200,000 tons of paper and paper-boards by 1955 56 should be adequate and further development, if any, should be in the direction of enabling some of the existing uneconomic units to attain the minimum economic size of 8,000 tons of paper per annum The likely gap of 17 400 tons between output and estimated consumption of straw board and other fibre boards can be met if some of the sugar factories release bagasse by using wood or coal as fuel The use of *semal* wood a basic raw material for the match industry for paper manufacture should be banned and measures concentrated on the plantation of bamboo and *sabai* grass

The newsprint plant of the NEPA Mills in Madhya Pradesh was expected to go into production in 1953 and to meet domestic needs to the extent of 27,000 tons from 1954 onwards

The Five Year Plan for the industry is summarised in the following table —

—	1950 51			1955 56		
	No of units	Annual rated capacity (000 tons)	Actual output (000 tons)	No of units	Annual rated capacity (000 tons)	Actual output (000 tons)
Paper and paper board	17	136 6	114	19	211	200
Newsprint				1	30	27
Strawboard and other fibre boards	18	48 3	22	20	58 5	52 6

*

PLASTICS INDUSTRY

THE plastics industry in India was largely developed during the Second World War and is primarily concerned with turning out finished product from imported raw material At present there are about 100 major factories and several small ones operating on a cottage industry basis The captial investment is placed around Rs seven crores and the industry provides employment for about 12,000

At the beginning of 1950, the more important factories possessed 182 injection moulding machines with a capacity of 403 oz and 154 compression moulding presses with a capacity of 7,074 tons Early in 1953 the respective capacity figures were 550 oz and 10,200 tons The size of the equipment of smaller units is placed at a third of these figures Besides there are 41 extruders with size varying from 1 inch to 4½ inches

The processes used by the industry are (1) Compression moulding (2) Injection moulding (3) Extrusion (4) Fabrication, and (5) Coating of fabrics by plastics Articles manufactured cover an extensive field ranging from electrical accessories and insulated electric cables to spectacle frames artificial leather and waterproof cloth The West Bengal Government has plans to set up a factory for manufacturing plastic teeth Metal using of plastics has been successfully undertaken by a few firms The trend of production of compression and injection moulded goods since 1948 is given below —

Year	Production (million gross)
1948	0 37
1949	1 02
1950	2 29
1951	1 48
1952	1 54

Of the articles produced in 1952, electrical accessories constituted about 24,500 gross and other industrial articles 198 000 gross Nearly 30 per cent, of utility goods comprised combs, while bottle caps made up 90 per cent of industrial goods Production of mechanised toys was an important achievement of the year The details regarding the more important lines of production are furnished below —

Tooth Brushes 12 factories, 24 million annual capacity Output 4 3 million brushes in 1951 and 2 8 million (estimated) in 1952

Spectacle Frames 9 factories, 1 4 million annual capacity Production 0 35 million in 1950, 0 51 million in 1951 and 0 64 million in 1952

Fountain Pens Six major firms Production—3 million in 1949, 3 23 million in 1950, 4 million in 1951 and 3 8 million in 1952

Buttons Production in 1952 about 857,000 gross

Insulated Cables, Wires and Flexible Started in 1950 Annual capacity 8 6 million yards Production—2 814 million yards in 1950, 3 475 million yards in 1951 and about 4 million yards in 1952

Leather Cloth Capacity 5 28 million yards Production in million yards—0 204 in 1948, 0 76 in 1949, 0 93 in 1950, 2 04 in 1951 and 0 95 in 1952

Phenolic Resin Laminate First plant in 1952 Production 40 tons in 1952

RAW MATERIALS

The consuming capacity of the industry in respect of raw materials is about 3,000 tons of Thermosetting moulding powders and about 6,000 tons of Thermoplastic moulding powders Most of the raw materials are imported Imports of raw materials were stepped up from Rs 20 58 lakhs in 1948 49 to Rs 256 lakhs in 1951 52 composed of Rs 158 lakhs of synthetic resin and moulding powder and Rs 98 lakhs worth of semi fabricated plastic raw materials Phenol formaldehyde moulding powder, phenol and formaldehyde and alkyd resin are, however, manufactured in the country out of imported basic materials

The consumption of plastic goods in India has increased five fold since 1948 and practically the whole of it is met from indigenous production The country is now an exporter of plastic goods at an average monthly value of Rs one lakh Imported moulds are expensive and a central tool room for the design and production of moulds is contemplated The present demand for P V C sheets (without textile base) is estimated at 400 tons There is, therefore, a big scope for its manufacture Polythene film and dentures also have a big potential market The application of cellulose plastics, nitrate and acetate is the basis for industries such as acetate rayon and photographic film The demand for phenolic resin used by the surface coating industry is about 500 tons a year In view of the possibility of urea becoming available in the country, the manufacture of urea plastics has a great scope Since benzine and ethylene, the basic materials for polystyrene, are indigenous this branch of manufacture can be profitably explored Industrial nitrocellulose is produced in an ordnance factory This can form the basis for producing sheets rods and tubes required by the spectacle frame and fountain pen industries Lack of technical personnel is the industry's main handicap The U N T A A has, therefore lent the services of a plastics moulding expert to India Steps are being taken by the Indian Standards Institution to formulate suitable standards for the P F moulding powder

PROTECTION

The Tariff Commission recommended in 1950 that protection should be extended to the industry till March 1953 The period was further extended to December 1953 to enable the Tariff Commission to review the position

The Commission's main recommendations were the following —

(1) In the absence of a fully-developed chemical industry supplying the basic raw materials for the moulding powder section of the industry and in order to reduce the cost of production of moulding powder, the manufacturers of such powder should be allowed a refund of the whole of the duties payable on the principal raw materials used in the manufacture of powder This should be available to those who produce at least 200 tons of phenol-formaldehyde moulding powder per annum

(2) The existing revenue duty of 30 per cent *ad valorem* on moulding powder should be converted into an equivalent protective duty which should be kept in force till March 31, 1953

(3) Imports of phenol formaldehyde moulding powder should be permitted only to the extent of the gap between the domestic demand and production

(4) In view of the need to expand the domestic market for plastic goods, assistance to the industry should be given in other ways than by an increase in the import duty

(5) The section of the industry manufacturing plastic goods such as soap boxes and spectacle frames should be helped by granting a reduction in import duty on such raw materials as are not manufactured in the country from 30 per cent to 20 per cent, both *ad valorem* The rate of duty on raw celluloid should also be 20 per cent *ad valorem*

(6) In respect of electrical accessories, the existing revenue duty should be converted into a protective duty to remain in force till March 31, 1953 and the present preferential rate of 24 per cent on imports from the United Kingdom should be raised to 30 per cent and the standard rate adjusted in accordance with the terms of the Indo British Trade Agreement

(7) In regard to spectacle frames the existing revenue duty of 20 per cent should continue

(8) Early steps should be taken to set up a central moulding powder factory in order to co ordinate the production of the existing units and others to be established and to ensure economical production

(9) In view of the necessity for standardisation of plastic ware and rationalisation of its production the scheme for having a central mould-making shop should receive early and favourable consideration of Government

(10) Indian manufacturers of plastics should keep abreast of technical developments in other countries

(11) Early steps should be taken by the industry for the formulation of proper standards for moulding powder and finished articles

(12) The existing revenue duty of 30 per cent *ad valorem* on phenol formaldehyde moulding powder should be converted into a protective duty

(13) The duties of 25 per cent standard on phenol and of 30 per cent standard and 20 per cent preferential, both on formaldehyde and hexamine, these three being the principal raw materials used in the manufacture of phenol formaldehyde powder, should be refunded on import to the manufacturers of moulding powder, who have a minimum annual production of 200 tons

The Government of India issued orders on January 7, 1950 on the Board's recommendations In regard to the main recommendation of the Board suggesting a reduction in the import duties on raw materials used by the industry in producing plastic goods like soap boxes, Government came to the conclusion that "the requirements of the case would be adequately met by a reduction of duty from 30 per cent *ad valorem* to 20 per cent *ad valorem* in respect of only cellulose nitrate (sheets rods and tubes), rennet casein and polyvinyl chloride resin" This meant that raw materials like urea formaldehyde moulding powder, polystyrene, cellulose acetate, cellulose and butyrate would continue to be subjected to 30 per cent duties

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RAYON INDUSTRY

WORLD'S first rayon factory capable of producing about a hundred pounds of rayon a day was erected in France in the year 1884 Today the world production of rayon, inclusive of staple fibre has risen to the staggering amount of over 3,000 million pounds

It is estimated that in 1951 there were 25,980 mill looms in 476 mills, and 181 278 handlooms engaged in the manufacture of art silk fabrics in India and the industry's needs of filament yarn which till recently had to be imported entirely, were placed at 70 million lbs

The rayon industry is a post war industry There are at present two plants in operation, *viz*, Travancore Rayons Ltd, Perambavoor, and the National Rayon Corporation Ltd, Kalyan, Bombay, with an annual production capacity of 4 million lbs and 5 6 million lbs respectively of filament yarn

The former came into production in July 1950 and the latter in February 1951 Both the factories have adopted the viscose process

Sirsilk Ltd has under construction a factory at Sirpur in Hyderabad State It was expected to be ready in the latter half of 1953 and will have a daily production capacity of 5 tons based on the cellulose acetate process

A fourth factory has been planned for producing 15 tons of viscose staple fibre daily at Nagda in Madhya Bharat by the Gwalior Rayon Silk Manufacturing (Weaving) Co, Ltd

The units operating the viscose process produce also carbon disulphide and sulphuric acid in the factory with the exception of Travancore Rayons Ltd which purchase them from FACT Ltd Sirsilk Ltd has facilities for producing acetic acid, acetic anhydride and acetone to meet its needs

The annual rated capacity of the rayon industry based on a continuous operation for 360 working days is given below —

	Filament yarn (m lbs)	Staple fibre (bales)	Art Silk cloth (m yards)
1 Travancore Rayons, Alwaye	4 0		
2 National Rayon Bombay	5 6		
3 Sirsilk Ltd Hyderabad	4 0		18 0
4 Gwalior Rayon, Nagda		28 000	

The actual production in million lbs of the two factories in operation was as follows — 1950-0 27 1951-4 5, 1952 (Jan-June) —3 2

The capital employed in the two firms already in production in March 1951 was Rs 7 1 crores while the labour employed was 1 400

IMPORTS AND EXPORTS

Imports consist of staple fibre, rayon yarn, yarn of rayon staple fibre and rayon piece-goods and were as follows —

(Quantity in million lbs and value in lakhs of Rupees)

Year	Yarn		Piece goods		Staple fibre (cut fibre and waste)		Staple fibre yarn		Total including other goods mixed
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Value
		Rs		Rs		Rs		Rs	Rs
1948-49	39 9	12 83	4 0	103 6	0 05	0 06	0 75	20 0	1412 6
1949-50	56 9	10 46	14 3	314 8	0 45	6 5	2 76	77 6	1548 9
1950-51	35 3	14 71	1 8	41 7	12 6	189 9	1 25	30 9	1739 4
1951-52	36 5	17 29	3 0	82 4	56 5	1010 1	3 73	117 0	2953 8

Exports of artificial silk piece goods are mainly for Pakistan Ceylon and Anglo Egyptian Sudan The sea borne exports are detailed below —

	M yards	Rs in lakhs
1948-49	24 50	519 1
1949-50	12 28	148 7
1950-51	6 99	95 8
1951-52	8 41	117 0

The report of the Indian Tariff Board on the continuance of *protection to the artificial silk and cotton and artificial mixed fabrics industry* in 1951 placed the productive capacity of the weaving industry at 350 million yards per annum and computed the need for art silk yarn at 70 to 75 million lbs With the completion of the plant belonging to Sirsilk Ltd, the weaving capacity would be further raised by 15 million yards

The domestic consumption of artificial silk goods has, however, remained practically unchanged over a period at 210 million yards but there has been an increase in the imports of filament yarn at the expense of finished goods

FIVE-YEAR PLAN

The National Rayon Corporation contemplates expansion of its plant so as to increase its capacity to 7 million lbs per annum by the end of 1953 and to 14 million lbs by 1955 56, involving a capital investment of Rs 50 lakhs and Rs 500 lakhs respectively Consequently, the rated capacity of the rayon filament industry would be stepped up to 22 million lbs by 1955 56 out of which 4 million lbs would be consumed by the Sirsilk Ltd in weaving rayon fabric so that 18 million lbs would be available for the rayon fabric industry In addition, rayon staple equivalent to 11 2 million lbs would be available from within the country The total additional capital expenditure for achieving these developments has been estimated at Rs 10½ crores

The soft timber resources from the Himalayan region can be utilised for producing 100 tons of pulp per day in order to reduce the dependence on imported rayon grade pulp by 11,500 tons a year The capital needs are placed at Rs 6 crores and the project might be taken up in the second part of the Five-Year Plan The Commission has also recommended the establishment of a few plants for producing at least five million lbs of cotton linters preferably in Madras, Hyderabad and Madhya Pradesh For this purpose, a capital of Rs 60 lakhs would be needed In view of the fact that the existing capacity of the rayon weaving industry is enough to meet the domestic needs and export orders, expansion in this direction is considered unnecessary

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RUBBER INDUSTRY

INDIA produces about 18,000 tons of raw rubber constituting a little over one per cent of the world output Of an area of about 170,000 acres under rubber cultivation, nearly 75 per cent is located in the State of Travancore Cochin Other rubber growing areas are the districts of Malabar, Coimbatore, Salem, Nilgiris, Madura and South Canara in the Madras State and Coorg Cultivation on a small scale exists in Mysore and Assam

There are about 250 estates owning over 100 acres each and comprising an area of nearly 103,000 acres Small holdings below 100 acres in size number about 14,000 with a total area of 67,000 acres The following are the details —

Year	Production (Tons)	Tapable Acreage	Average yield per acre in Lbs
1948	15,422	118 811	291
1949	15,587	125,791	282
1950	15 599	137 888	253
1951	17,148	148 739	258
1952	19 863	170,000	N A

The year 1952-53 was notable for a slump in the world rubber trade with London price falling by more than half In this country the price of indigenous raw rubber was revised in October 1952 on the recommendation of the Tariff Commission from Rs 122 8-0 to Rs 138 for grade I rubber per 100 lbs with suitable differentials for other grades But the increase in production followed by a fall in consumption resulted in the accumulation of stocks

Compared to 17,118 tons of raw rubber produced in 1951, production went up to 19 863 tons in 1952 whereas consumption fell from 22,427 tons to 21,061 tons On the other hand, the industry had on hand 5 800 tons from the 1951 stock The Government, therefore, removed in December 1952 the control over the movement of raw rubber imposed in 1950

RUBBER GOODS

During the past three years, the manufacturing side of the industry has made a considerable progress with the result that the output of indigenous raw rubber can be readily absorbed

The progress of the manufacturing industry is given below

Product	1950	1951	1952
Footwear (Lakh pairs)	165 6	230 4	228 0
Toys, Baloons etc (Lakh Doz)	105 6	110 4	138 0
Tyres (thousand)			
Automobile (No)	638 4	870 4	721 2
Cycle (No)	3,325 2	3,942 8	4,189 2
Cab (ft)		373 2	385 2
Tubes			
Automobile (000)	698 4	820 8	661 2
Cycle (000)	4 207 2	4 897 2	4,166 4
Hoses			
Radiator (000)	206 4	220 8	154 8
Vacuum Brake (000)	333 6	472 8	444 0
Other Types (000 ft)	2,820 0	3,474 0	3,555 6
Fan Belt	961 2	748 8	1,216 8
Ebonite		199 6	126 0
Waterproof (000 yds)		1,576 8	1,294 8
Latex foam sponge (000 lbs)		471 6	639 6

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SERICULTURE

SERICULTURE is carried on mainly as subsidiary to Agriculture The country s total production is placed at about 30 lakh lbs The total area under mulberry is about 80,000 acres at present Mulberry is cultivated both as rain fed and irrigated crop The yield of leaf per acre per year from rain-fed garden is about 4,000 lbs Average yield from tank irrigated gardens per acre per year is about 8 000 lbs whereas in the case of deep well irrigated gardens it is 10,000 lbs

The total production of cocoons per year is about 240 lakh lbs and the raw silk produced may be put at 15 lakh lbs Based on the area under mulberry, the total requirement of disease free layings is estimated to be about 600 lakhs of layings per annum

The main producing areas are Mysore and Madras, whose production is placed at 15 lakh lbs and 3 lakh pounds respectively

In Mysore there are about 51,000 rearing families, who practise sericulture as a subsidiary industry

After the Government Organisation was set up the Central Farm at Channapatna began to produce small quantities of disease free layings on Pasteur System and to educate ryots to use the same To supplement the work of the grainages which produce only disease free seed by a controlled campaign of seed cocoon production there are now 4 000 selected seed cocoon rearers to produce My ore seed cocoons, capable of producing about 4 000 lakhs of seed cocoons, *i e*, the entire requirements of the industry for seed cocoons in Mysore and Madras About 96 per cent of the cocoons produced in the State are used for reeling and only 4 per cent for seed purposes

Sericultural education in Mysore is given in a practical manner in the Government Silk Farms, such as Channapatna, Mysore, Kolar, Mugur and Sidlaghatta

The total area under mulberry in Madras State is about 22 000 acres In black cotton soils, the annual yield of mulberry leaf is about 4,000 lbs per acre and in read loam or sandy soils, the yield is about 3,500 lbs Under the present organisation and with the existing acreage under mulberry cultivation, the productive capacity of reeling cocoons and silk will be 15 lakh lbs of cocoons and about 3 lakh lbs of raw silk of both filature and charka grades In the Kollegal area the raw material is worked by handlooms

The sericultural industry was started in Uttar Pradesh in September 1948 The silkworm races reared are univoltine and multivoltine Bengal, Mysore and Kashmir races of mulberry and Eri silkworms About two dozen families have taken it up The industry is practised as subsidiary to agriculture The estimated annual production of Eri is 3 mds dry weight and that of mulberry 2 mds 2 srs dry weight As the industry has recently been started the department of industries provides rearers with rearing appliances on a returnable basis The cocoons are purchased by the Government farm till they instal their own reeling equipment

In Bombay roughly 700 acres are under silk worm food The estimated annual production of cocoons is around 30,000 The estimated annual production of raw silk is around 1,500 lbs There are 11,339 looms in weaving pure silk goods only, and 25 498 looms for mixed goods

There is one Government silk farm in Belgaum District in addition to five Government model silk farms in Belgaum and Dharwar districts

Bengal s silk industry is said to have been carried on from time immemorial The production of raw silk is about 4 lakh lbs The area under mulberry is 16,000 acres The estimated actual annual production of cocoons and raw silk are cocoons (6,785,513 lbs) and raw silk (407,644 lbs)

About 1,500 persons spread over in about 435 villages conduct rearing and reeling operations in the Punjab The silk industry in the Punjab has come to be considered as one of the best subsidiary industries It gives a part time occupation to about 95 per cent of rearers The remaining 5 per cent take up reeling on commercial lines There are about 75 000 mulberry trees available in the Punjab for the purpose of silkworm rearing Apart from this the Department maintains its own mulberry farms and nurseries and the total area of land under these plantations at present is about 75 acres

The estimated total annual production of cocoons and raw silk is 650 mds and 130 mds respectively

BIHAR AND KASHMIR

In Bihar about 50 000 people are engaged in tassar silkworm rearing, about 200 people in rearing mulberry silkworm and about 2 000 people in rearing Eri silk worm The estimated total annual production is nearly 50,000 kahan of tassar cocoon, one lakh lbs of raw reeled tassar and 60 000 lbs of tassar waste per annum Forty five thousand lbs of cocoon mulberry and 3,000 lbs of raw charka reeled silk are produced Besides 60 000 lbs of pierced cocoon and 21 000 lbs of handspun Eri yarn are produced all over the State

Bihar has got a very old silk weaving industry and Bhagalpur is the centre of silk weaving There are about 10,000 handloom weavers engaged in weaving silk goods About 20 per cent of the local silk and the rest foreign silk are used by the weavers

The total annual production of reeled silk and waste silk in Madhya Pradesh is estimated to be 160,000 lbs and 150 000 lbs respectively There are about 1,500 handlooms, weaving tassar and mixed fabrics

Orissa accounts for an annual production of 300 mds of tassar and 60 mds of Eri cocoons

In Himachal Pradesh sericulture is practised only in Mandi district

The Government of Assam started the sericulture and weaving department in 1948 49 and despite the prejudice against the rearing of mulberry silk worms, production has doubled in the past decade and now amounts to 22 000 lbs The output of Eri and muga is estimated at 420,000 lbs and 100,000 lbs respectively

Silkworm rearing is practised by the rearers in Kashmir as an auxiliary occupation next to agriculture

The industry depends only on full grown mulberry trees The annual production of cocoons and raw silk is estimated at cocoons (32,000 mds), superior silk (162,500 lbs)

It may be added here that the silk industry in Kashmir is being run on Government monopoly basis There are about 350 local factories with about 1,000 handlooms

TARIFF COMMISSION

Early in 1952 the Tariff Commission submitted its report on the Sericulture Industry to the Government of India The following were the more important recommendations of the Tariff Board —

(*i*) An *ad valorem* duty of 30 per cent and a specific duty of Rs 3 14 0 per lb should be levied on raw silk tariff item 46, (*ii*) The existing duty of 30 per cent *ad valorem* on silk waste and noils, tariff item 46(1), should be continued (*iii*) The same rate of duty should be levied on silk yarn includign thrown silk warps but excluding sewing thread, tariff item 47 (a), as on raw silk namely, 30 per cent *ad valorem* plus a specific duty of Rs 3 14 0 per lb , (*iv*) An *ad valorem* duty of 30 per cent and a specific duty of Rs 5 per lb should be levied on yarn spun from silk waste, excluding sewing thread tariff item 47 (b), (*v*) The existing duty of 30 per cent *ad valorem* should be continued on yarn spun from noils, excluding sewing thread tariff item 47 (c) (*vi*) The existing duty of 30 per cent *ad valorem* should be continued on silk sewing thread, tariff item 47 (1), (*vii*) An *ad valorem* duty of 35 per cent should be levied on pongee tariff item 48 (a), (*viii*) An *ad valorem* duty of 40 per cent should be levied on fuji bosaki and corded (excluding white cord), tariff item 48 (b) (*ix*) An *ad valorem* duty of 35 per cent, should be levied on other silk fabrics covered by tariff item 48 (c), (*x*) The industry should continue to be protected upto December 31, 1952 for the present, (*xi*) Imports of silkworm seeds should be allowed free of duty (*xii*) The quantum of imports, if import prices fall, should be so adjusted as to meet the gap between estimated demand and domestic production , (*xiii*) While the Board s estimate of the fair selling price of raw silk should remain valid during the extended period of protection, the position regarding the *c i f* prices of imported silk should be reviewed by the end of June, 1952

The Government of India accepted recommendations No (*i*) to (*vi*), (*x*), (*xi*) and (*xiii*) As regards the Board's recommendations No (*vii*) to (*ix*), Government came to the decision that the existing duties should continue

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SHIPPING INDUSTRY

AFTER the end of the Second World War, the Planning Department of the Government of India appointed a Policy Committee on Shipping It observed India possesses a distressingly small number of deep sea ships which at the outbreak of the war stood at no more than 30 with a total of less than 150 000 tons gross The rectification of this state of affairs should be one of the immediate post war objectives"

This was followed by the constitution of a Reconstruction Policy Sub Committee, with Sir C P Ramaswami Aiyar as Chairman, in 1945 This Sub Committee submitted its report in March 1947 which was approved by the Policy Committee Its principal recommendations were —

(1) India needs two million gross tons of shipping to carry more than 10 million tons of cargo and about three million passengers a year The figure does not include country craft

(2) Hundred per cent of the purely coastal trade of India, 75 per cent of India's trade with Burma and Ceylon and with geographically adjacent countries 50 per cent of India's distant trades and 30 per cent of the trades formerly carried in Axis vessels in the Orient should be secured for Indian shipping in the next five to seven years

(3) As the Indian shipping industry is still very young, emphasis should now be placed on how Indian companies can expand their fleets and the Indian Shipping Board should be empowered to control deferred rebates, rate cutting and all other evils arising from monopolies

The Government of India, by their Resolution dated July 12, 1947, fully endorsed the views of the Committee They agreed that the definition of 'Indian Shipping should be shipping owned controlled and managed by Indian nationals They also laid down that the following conditions should qualify any shipping company for treatment as "Indian shipping companies' —

(*a*) The steamers of the companies should be registered at a port or ports in British India (*b*) At least 75 per cent of the shares and debentures of the companies should be held by Indians in their own rights (*c*) All the directors should be Indian (*d*) The managing agents, if any, should be Indian

PRESENT POSITION

The subsequent developments may be summarised as follows —

(1) Plans for setting up three corporations, each with an authorised capital of Rs 10 crores were announced in November 1947 The first Government-sponsored shipping corporation (The Eastern Shipping Corporation) was registered on March 24, 1950

(2) Indian shipping companies participated in overseas trade for the first time in 1948 Two of them are members of the India-U K - Continent Conference Lines and are entitled to operate 12 ships each The position will be reviewed again at the end of 1954

(3) The coastal trade of the country was reserved in 1950 for Indian vessels in response to a public demand which had been made for the past 25 years With effect from January 1, 1951, a new Indian Coastal Conference, consisting primarily of Indian shipping companies commenced functioning and the two British shipping companies became associated members

The more recent progress of Indian shipping is given in the following table —

Year	No of companies	No of ships	Tonnage (G R T)
1939	9	53	126,709
1946	11	42	98,286
1947	14	60	189,226
1948	15	72	249,261
1949	20	84	332,190
1950	23	90	364 632
1951	23	92	366 646
1952	26	100	383,911
1953 (Jan 1)	25	111	422,734

The Shipping Policy Committee fixed in 1947 a target of two million tons to be attained by 1954 Ten of the 25 companies own only one vessel each Seven of them own a vessel each under 1,000 G R T, while three own a vessel each varying from 1,069 to 1,602 G R T Four others own two vessels each under 2,000 tons Thus 14 out of 25 companies own only 18 vessels with an aggregate tonnage of 12,958 G R T

Eight ferry steamers with an aggregate G R T of 5,284 are engaged in the carriage of passengers on the Konkan Coast and carry approximately a million and a half passengers per year

Twenty three steamers owned by 11 companies with an aggregate G R T of 34,957 run between the Kandla and the Tuticorin Range On an average they carry about six lakh tons of cargo every year on the West Coast of India

Forty four vessels of 206,005 G R T owned by 10 shipping companies participate in the wider coastal trade of India

Three companies owning 23 ships with an aggregate G R T of 168 669 maintain their services in the overseas trades of the country

Planning —Taking into account the financial resources available, a programme of development is formulated which aims at raising the total gross registered tonnage to about 600,000 by the end of the period of the Plan In order to assist the shipping companies in replacing obsolete tonnage operating on the coast, Government has provided funds for constructing ships at Vishakapatnam a total of 100 000 G R T is expected to become available from this shipyard during the period of the Plan These ships will be sold to the shipping companies at reasonable prices

In order to make coastal reservation effective the tonnage required is estimated at 300,000 G R T This also covers the needs of near trades, *e g* India Pakistan, India Burma, and India Ceylon A provision of Rs 4 crores as loans to the shipping companies has been made in the Plan The minimum requirements of additional shipping for overseas trade has been placed at about 100 000 d w t excluding 60,000 d w t required by the Eastern Shipping Corporation for which a sum of Rs 4 4 crores to cover Government's contribution has been provided The additional tonnage for overseas trade will be acquired from the Government loan of Rs 6 5 crores and supplemented by Rs 2 2 crores to be advanced by the shipping companies

According to the Sailing Vessels Committee's Report published in 1949, sailing vessels continue to carry a substantial volume of cargo It is estimated that 150,000 tons of shipping under sail consisting of about 2 000 vessels carry about a million to a million and a half tons of cargo every year These vessels employ about 40,000 men, 2,500 masters 2,500 mates and about 35 000 seamen Taking the average cost of these vessels at Rs 250 a ton, the capital outlay is computed at Rs 4 crores

SHIP-BUILDING

The credit for building the first modern shipbuilding yard goes to the Scindia Steam Navigation Co , Ltd This was founded at Vishakapatnam in 1941 , the company completed two berths in 1947 The first steamer built in this yard was launched on March 14, 1948 by Mr Nehru A third berth of the same capacity (building of ships ranging from 320 to 550 ft in length and from about 5,500 tons to about 15,000 tons dead weight capacity) was ready in 1953 The yard is equipped with a fitting out wharf 1,200 ft long, which will be capable of fitting out six ships of large size and 3 medium sized ships in one year On the engineering side, the hull and structural shop has a fabricating capacity of 8 000 tons of steel per year

On January 21, 1952 Hindusthan Shipyard Ltd was registered to take over this yard The Government of India holds 4 two thirds interest in the Company and Scindias one third The valuation of the shipyard has been provisionally agreed at Rs 270 lakhs which will be paid by the issue of fully paid shares of the new company for Rs 103 lakhs and the balance in five equal annual instalments The aggregate initial capital of the company will be Rs 309 9 lakhs

After the transfer of the ship yard to the new company a five year plan for its development was formulated which was estimated to cost Rs 1 92 crores between 1952 53 and 1956 57 Out of this, Rs 11 77 crores are envisaged to be spent during the four years ending 1955 56 With a view to obtaining the necessary technical assistance an agreement has been made with a French firm for 5 years This provides for advice in setting up a fully equipped designing and estimating office, organisation development and management of the shipyard and the building of ships as well as help in procuring supplies from France and training Indians in France In return, the firm will receive 4 per cent commission on the annual turnover of the yard

The annual break up of the expenditure is visualized as under —

(Rupees in lakhs)

Year	Acquisition of yard	Development of yard	Loans against ships built at yard	Subsidy	Total
1951 52	39 6	10 0	182	—	231 6
1952-53	40 0	100 0	100	42	282 0
1953 54	40 0	110 0	50	60	260 0
1954 55	40 0	110 0	50	60	260 0
1955 56	40 0	145 0	120	70	375 0
1956-57	7 0	150 0	180	70	407 0
	206 6	625 0	682	302	1815 6

Under the Cabinet reorganisation scheme, shipping became the sole concern of the Transport Ministry early in 1951 While matters of policy are dealt with in the Ministry, the newly created office of the Director General of Shipping serves as an executive office, as distinct from the Secretary, for the co ordinated implementation of policy The office of the Controller of Indian Shipping, the Mercantile Marine Department and the Lighthouse Department have come under his administrative control

The administration of the Merchant Shipping Acts and Rules made thereunder, at the ports is undertaken by the Principal Officers, Mercantile Marine Department at the principal ports The Assistant Director of Seamen s Welfare and his officers carry out the planning and execution of schemes and projects for seamen s welfare, scrutiny of the schemes and projects recommended by the Welfare Committees at the ports and administration of the Merchant Seamen s Welfare Amenities Fund

STEEL INDUSTRY

THE first successful and the most outstanding attempt to manufacture steel in the country on a commercial basis was that of the Tata Iron & Steel Co which started its Steel Works at Sakchi in the year 1908 Pig iron was made in 1911 and the first steel ingot a year later

The Indian Iron & Steel Company was started in 1918 at Hirapur about 4 miles from Asansol junction on the Eastern Railway for producing pig iron Eighteen years later it floated another company the Steel Corporation of Bengal to manufacture steel Towards the end of 1952 the two companies were merged

An iron works was started at Bhadravati in Mysore State in 1921 to which a steel plant was added in 1934 During World War II, a 25 ton basic furnace together with two small electric furnaces were installed

The combined capacity of these works is 1 878 000 tons of pig iron and 1,050,000 tons of finished steel

The total capital investment is about Rs 61 crores and the number of workers employed about 60,000

The recent trend of production is given below —

(000 tons)

Year	Pig iron	Steel ingots	Semi-finished steel	Finished steel
1947	1,320	1,256	1,027	893
1948	1,405	1,256	1,012	857
1949	1,528	1,302	1,105	930
1950	1,562	1 438	1,142	1,004
1951	1,709	1,500	1 249	1,076
1952	1,685	1,578	1,308	1,103

Since 1924 there have been three main tariff enquiries into the case of the iron and steel industry—in 1924, 1926 and 1934 In between there were three supplementary enquiries and five special enquiries for the subsidiary industries in India The scheme of protection sanctioned as a result of the tariff enquiry held in 1934 was to remain in force for seven years till 31st March 1941 Before, however, this protection expired, World War II intervened, and the protective duties on imported steel were continued from time to time by continuation Acts, the last extension being for a period of one year till 31st March 1947

Since the war in 1939 the price and distribution of steel have been controlled by the Government though a certain degree of relaxation was introduced in 1952 Even during that year the estimated demand was approximately 2 4 million tons, while the available supply totalled 1,097,000 tons The demands of the Defence Services and the Railways were met in full The selling prices of steel were raised twice in 1952, once by Rs 50 on July 1, 1952, and again, by another Rs 50 on September 22 1952

RAW MATERIALS

The important raw materials are iron ore, coking coal, manganese ore, refractories made from magnesite, dolomite, chromite, fireclay, etc and fluxing materials like silica, limestone and fluor-spar Sulphur is also required for the manufacture of sulphuric acid

In regard to most of these raw materials, India enjoys a favourable position The deposits of iron ore are plentiful and of a superior quality the average iron content of the ore being as much as 69 per cent as compared with 40 per cent in Europe and 50 per cent in the U S This is also true of manganese ore magnesite and dolomite Known deposits of coking coal are estimated at between 1 500 and 2,000 million tons

The principal raw materials brought from abroad are spelter for galvanising tin for tin plates ferro tungsten nickel chromium and fluor-spar Deposits of fluor spar are located in Madhya Pradesh but they are yet to be exploited

As raw materials account for nearly 80 per cent of the cost of pig iron and 60 per cent of the cost of finished steel, they provide the explanation for the low cost of steel produced in India

RE-ROLLING MILLS

The re-rolling mills manufacture a variety of products from blooms and billets In the initial stage the revenue duty on imported billets was removed to encourage the industry and by 1939 there were 32 re rolling mills with a productive capacity of 140 000 tons Towards the end of 1942 when control over distribution of scrap and billets was introduced out of the 130 mills then existing only 75 came within its purview Later several mills were compulsorily closed under Government orders

There are at present 23 registered re rollers of which five are manufacturers of special products such as tin plates, wire and wire products, fish plates and spikes, bars and rods, bolts and nuts, rivets, spring steel, hoops and strips and are called "secondary producers In addition, there are 71 re-rollers who are not registered

The productive capacity on the basis of three shifts is 220 000 tons in respect of secondary producers, 292,000 tons in regard to registered re rollers and 219 000 tons in unregistered factories The actual production was, however, very much below the capacity

In 1933 34 the Tariff Board stated that the re rolling mills had a place in the iron and steel industry in India The subsequent inquiries have revealed that a large proportion of the mills are inefficient and uneconomic in addition to such handicaps as the acute shortage of raw materials

FIVE-YEAR PLAN

The Planning Commission has estimated that the demand for steel will rise from 2 34 million tons in 1952 to 2 8 million tons by 1957, while that for foundry pig iron will be stepped up by 100,000 tons to 700,000 tons

The main difficulty in stepping up the output is finance For assisting development, the Government has agreed to loan Rs 5 crores to the Indian Iron and Steel Company and has also raised the retention prices of steel Though the production of pig iron has been rising, the portion available for sale has fallen from 356,398 tons in 1948 to 287,209 tons in 1951 and much of it is off grade quality

At the beginning of the Plan the following programmes of expansion were under execution —

(1) The Mysore Works have taken up certain schemes for execution in the post war period These cover expansion of cement production and direct recovery of acetic acid from pyro lingneous liquor erection of two electric pig iron furnaces each capable of producing 100 110 tons of pig iron per day and modernisation of iron ore mines and extension of forest tramways to ensure an adequate supply of wood fuel and mineral raw materials By April 1, 1951 it had spent Rs 2 16 crores and the Government may have to lend Rs 2 82 crores during the period of the Plan for financing the installation of 3 electric pig iron furnaces electric Duplex plant, billet and light structural mills and acetic acid plant and extension and improvement of cement plant, ore mines and tramways and shop foundry, etc The implementation of this programme is expected to raise the production of finished steel from 40,000 tons to 100,000 tons

(2) The Steel Corporation of Bengal and the Indian Iron Company have between them projects under execution to increase the installed capacity for finished steel to 345,000 tons by 1953 54

They have also formulated additional proposals to enable them to produce another 350,000 tons of finished steel and 400,000 tons of foundry iron at a cost of Rs 31 7 crores spread over 1953 57

(3) The Tata Iron and Steel Company have formulated a programme of expansion and modernisation of their works at a total cost of about Rs 22 71 crores apart from normal capital expenditure for replacement and maintenance which is estimated to cost additional Rs 10 21 crores Their plan envisages the raising of the capacity for finished steel to 931,000 tons by 1957

The above schemes are expected to produce the following results —

	Unit	1950 51	1957 58
Rated capacity of finished steel	Tons 000	1,015	1,650
Production—			
Pig iron (for foundries)	,,	350	750
Finished steel	,,	976	1,650

The Plan stipulates that the future expansion of the industry should provide for the production of an additional 150,000 tons to 200,000 tons of billets for the re rolling industry The expansion will also call for the creation of certain additional transport facilities involving an outlay of about Rs 10 to Rs 12 crores

The Planning Commission is of the view that in spite of the expansion contemplated, there will be a short fall of a million tons of steel and has, therefore, urged the establishment of a new iron and steel plant through collaboration between the State and an experienced Indian concern The total expenditure on this during the period of the Plan will be about Rs 25 crores and negotiations for participation by foreign concerns and the World Bank have been advocated

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SUGAR INDUSTRY

THE sugar industry is the second largest industry in India next only to the cotton textile industry, with a capital of about Rs 60 crores of which about Rs 20 crores is fixed capital and Rs 40 crores working capital

It has a considerable influence on the agricultural economy in so far as it brings additional remuneration to those who take to the cultivation of sugarcane

The economy of Uttar Pradesh and Bihar is particularly tied with the development of this industry since three fourths of the sugar production is in these two States

The industry also produces a variety of raw materials for other industries such as power alcohol paper paper board and straw board

The labour employed in sugar factories is roughly 135 000 skilled and unskilled workers

The growth of the industry is attributable to the protection given to it in 1932 for a period of 14 years The import duty in pre war years was as much as Rs 9 4 per cwt of which Rs 2 represented the quantum of the excise duty on indigenous production Protection was continued till 1950 but it was of an academic interest since imports were negligible since 1937

In 1931 32 there were only 32 sugar factories in the country but by 1952 the number of factories producing white sugar rose to 160 Seven of these came into existence in the post war period In addition, there were two more under construction

The industry has so far developed in the private sector the only exception being some of the former Indian States in which the State Governments substantially contributed to its development by financial participation and in other ways.

The year 1952 was notable for another innovation inasmuch as the first factory was built by cane producers on a co operative basis in the Ahmednagar District in Bombay State

On the basis of an average operating season of 120 working days and assuming a recovery of 10 per cent sugar the rated capacity of the 160 factories is estimated to be over 1 5 million tons of sugar per annum The industry in Uttar Pradesh and Bihar alone has a capacity to produce 1 15 million tons

The State wise distribution of the factories is given below —

VACUUM PAN FACTORIES IN 1952-53

	Number	Daily cane crushing capacity, in tons
West Bengal	4	1 925
Bihar	30	27 865
Uttar Pradesh	72	67 484
Punjab	1	100
Orissa	2	350
Madras	16	8 942
Bombay	15	9 225
Part C States	2	1,100
Kashmir	1	600
PEPSU	2	2,650
Mysore	1	1,400
Madhya Bharat	6	3 200
Rajasthan	2	1 100
Hyderabad	3	1 550
Saurashtra	1	350
Travancore Cochin	1	500
Vindhya Pradesh	1	100
Total	160	128 741

The size of the factories operating in the country varies widely from 50 tons to over 2 000 tons of cane crushing capacity per day It is generally accepted that factories with a minimum cane crushing capacity of 800 tons per day should be considered as economic units On this basis only half the number can be considered economic

RAW MATERIALS

The principal raw material is sugarcane Its consumption in 1949 50 was about 10 million tons for a production of 975 00 tons of sugar Approximately 20 to 25 per cent of cane is consumed by sugar factories

Other important raw materials for producing 9 75 000 tons of sugar in 1949 50 were Lime stone 85 000 tons sulphur 5 400 tons coal 100 000 tons coke 9 500 tons and firewood 5,700 000 tons

About 90 per cent of the acreage under cane is now under improved varieties, but the yield per acre has not improved materially and this accounts for the high cost of sugar

The following tables gives the details —

Year	Acre under sugar cane (000 acres)	Gross output of raw sugar (000 Tons)
1948 49	3,624	4 869
1949 50	4 138	4 938
1950 51	4 314	5 616
1951 52	4,826	5 895

PRODUCTION

Price of sugar is not controlled now But there was control from 1942 to October 1952 except for a brief period in 1947 During this period the controlled price of sugar was linked with the minimum price for cane fixed for Uttar Pradesh and Bihar Besides the excise duty, the provincial cess was also levied Since 1948 the floor for cane prices has been and is being slowly lowered

Since gur was excluded from the orbit of control, the parity price for gur was always higher

The details of sugar production are given below —

Year Ended October	Installed capacity (Lakh Tons)	Sugar output (Lakh Tons)
1948	11 99	10 05
1949	11 99	10 01
1950	12 70	9 77
1951	12 70	11 15
1952	15 50	14 94

CONSUMPTION

The per capita consumption of sugar in the pre war period was 6 6 lbs During 1950 51, on the basis of a production of 1 1 million tons of sugar being consumed by a population of 355 million the per capita consumption worked out at about 7 lb In addition *gur* amounting to three times the quantity of sugar is also consumed in the country so that the total per capita consumption is not much behind that of other countries

On the basis of a population of 385 millions and of a production of 1 5 million tons of sugar in the country by utilising the entire rated capacity available the per capita consumption of sugar can be increased to 8 7 lbs by 1955 56

This quantity might be deemed sufficient under present economic conditions according to the Planning Commission In 1953 India had, however to import more than one lakh tons

The main problem is of cane supply The factories in Uttar Pradesh and Bihar are in a number of cases situated so near each other that there is competition between them for cane The industry has also been complaining of the prices fixed for cane Several factories have not enough covered storage facilities for molasses

The Five Year Plan for cane cultivation envisages an increased output equivalent to 703,000 tons of *gur* of which Utter Pradesh will account for 410 000 tons The additional production targets (in tons) for other States are Bombay 80 000, Madras 80 000 Punjab 70 000, Bihar 50,000 and other States 13,000

Another part of the development programme should consist of enabling some of the factories to shift to areas or States where a plentiful supply of cane is assured These and other remedial measures should enable the industry which has a productive capacity of over 1 5 million tons of sugar to produce by 1955 56 about 1 5 million tons as against 1 12 million tons in 1950 51

TEA INDUSTRY

TEA ranks after jute as the second largest item in India's export trade. It earns a foreign exchange of about Rs 94 crores and a revenue of about Rs 14 crores from excise and export duties. The State Governments also derive considerable revenue from the agricultural income tax on tea grown within their jurisdiction as well as from the sales tax on the commodity.

The indigenous plant growing in wild conditions was first discovered in Assam in 1820 and 15 years later the East India Company started an experimental garden which was sold to the Assam Company in 1840. In less than 100 years India has become the tea shop of the world.

On March 31, 1952 there were 6,241 gardens with a total area of 785,884 acres under tea. Of these over 580,000 acres were in Assam and West Bengal, while Madras, Mysore and Travancore-Cochin accounted for nearly 170,000 acres.

Tea is also grown on a limited scale in Bihar, U.P., Punjab (Kangra) and Tripura. The industry as a whole gives employment to a labour force of over a million.

With the cessation of bulk buying in April 1951 and the re-opening of London auctions, the tendency was for better types of teas to do well at the auctions.

By the end of 1951 the sellers' market was at an end and common teas, which were the worst to be affected, fetched only Rs 1-3 a lb. at the end of March 1952 as compared with Rs 1-14 a year before. Simultaneously production costs began to soar and in 1952 the extension of the Minimum Wages Act to the plantation industry prevented many gardens from covering their costs out of prices.

In May 1952 an official team inquired into the problems and recommended certain measures for temporary relief. These included deferred payment of excise duty, guaranteeing the banks of a portion of the loans to gardens, relaxation of provisions in the matter of advance payment of income tax and supply of more wagons. The labour also agreed to forego certain concessions. Thus a substantial cut in production costs was effected by the end of 1952.

By this time tea prices had again begun to look up but to make sure of the recovery the industry decided to effect a voluntary cut of 8 per cent in production and pay more attention to quality. The crisis had forced the closure of over 100 estates, but as a result of the above measures, the industry managed to turn the corner.

The cess levied on teas exported out of India has been fixed at Rs 2 per 100 lbs. since May 1950. This is the maximum rate leviable under the Central Tea Board Act. The excise duty on tea continues to remain at As. 3 a lb. but teas sold in bulk are subjected to a duty of an anna with effect from 1953-54.

For 1952-53, the export quota allotment was fixed at 452,720,021 lbs. being 130 per cent of India's standard export figure under the International Tea Agreement and equivalent to 86·5 per cent of the crop basis of estates.

The following table shows the growth of the industry since 1915 —

Year	Area under tea in thousands of acres	Production in millions of lb	Year	Area under tea in thousands of acres	Production in millions of lb
1915-19 (Average)	662	374	1938	840	447
1920-24 ,,	709	336	1939	841	463
1925	728	364	1940	840	471
1926	739	393	1941	840	500
1927	756	391	1942	841	570
1928	776	404	1943	843	552
1929	788	433	1944	842	507
1930	804	391	1945	841	528
1931	807	394	1946	841	590
1932	840	434	1947	842	600
1933	841	384	1948*	773	561¼
1934	841	395	1949	772·5	577¾
1935	841	389	1950	777	606
1936	842	390	1951	—	624¾
1937	842	423	1952	—	620

* From now on figures are for India only.

The following table shows production by areas (In million lb.)

Year	Northern India: Assam	Darjeeling	Doars and Terai	Cachar	Other Places	Northern India (Total)	South India	Total
1948	271	16¾	130¼	42⅛	¼	460¼	100¼	561¼
1949	273¾	18½	144⅛	41¼	½	478¼	99	577¾
1950	277⅛	14⅜	160¼	47¼	7⅛	508	98	606
1951	287¼	16¼	153⅛	43¼	5¼	509¾	115	624¾
1952	296¼	15	145⅜	41¼	8½	507	113	620

NOTE — Figures for Northern India from I.T.A. and for South India from U.P.A.S.I.

CALCUTTA MARKET

(Leaf and Brokens)

Season	Export Auction: Chests	Export Auction: Average Price	Internal Sale: Chests	Internal Sale: Average Price
		Rs. a. p.		Rs. a. p.
1948-49	937,571	1 9 6	313,126	1 3 3
1949-50	1,056,942	1 14 10	284,379	1 6 7
1950-51	1,579,094	2 0 9	239,486	1 7 5
1951-52	2,102,920	1 11 7	112,899	1 1 8
1952-53†	1,768,576	1 6 5	86,478	1 1 6

† Up to March 30, 1953

The following table shows tea exports by sea from the Indian Union to the chief importing countries —

Country	1948-49 (Millions of lb.)	1949-50 (Millions of lb.)	1950-51 (Millions of lb.)
United Kingdom	281·3	276·3	278·1
U.S.A.	23·2	37·5	37·6
Canada	19·9	26·9	21·0
Australia	7·0	16·9	16·9
Iran	8·1	12·0	11·4
Egypt	0·8	9·2	3·5
Ceylon	0·3	0·4	0·2
Arabia	7·9	6·0	7·4
Chile	0·4	2·0	2·5
U.S.S.R.	14·8	11·0	—
Eire	21·4	12·9	28·0

DISPOSAL OF TEA

(In million lb.)

	1948-49		1949-50		1950-51		1951-52		1952-53	
	North	South	North	South	North	South	North	South	North	South
Crop	460·7	100·4	478·8	99·1	508·1	98·0	509·7	114·9	507·0	113·0
Export	361·8	61·0	370·5	59·8	378·3	61·1	337·6	65·6	346·7	59·6†
Balance (Internal Consumption)	98·9	39·4	108·3	39·3	129·8	36·9	172·1	49·3	160·3	53·4
Internal Consumption	138·3		147·6		166·7		221·4		213·7	
Imports	0·86		0·10		0·56		0·75			

† Up to March 30, 1953

TEXTILE INDUSTRY

COTTON

The statistical position of cotton in the Indian Union is summed up in the following table —

(In lakhs of bales)

	1948 49	1950 51	1951 52	1952 53
Opening Stock	31 36	17 16	18 19	24 58*
Production	23 00	33 00	38 93	36 38
Imports	10 78	8 35	12 64	6 25
Total Supply	65 14	58 51	69 76	67 21
Mill Consumption	42 55	36 10	40 71	43 60
Exports	3 05	1 69	1 97	3 30
Extra Factory Consumption	2 70	2 70	2 70	2 70
Total Distribution	48 30	40 49	45 38	49 50

* The disparity of 20 000 bales remains unexplained

Export quotas of cotton were more liberal at 200 000 bales of Bengal Deshi and 152 000 bales of other short staple growths for 1951 52 and the export duty was reduced from Rs 400 to Rs 200 per bale in March 1952 For the year 1952 53 a quota of 150 000 bales of Bengal Deshi was announced in addition to 100 000 bales of other short staple varieties while Assam Comillas and Cocanadas were made free for export The duty on export of Bengal Deshi was reduced further to Rs 125 in November 1952 and exports of that growth were allowed up to half of the quotas fixed for other varieties Cotton waste is also licensed freely for export and the export duty of 50 per cent *ad valorem* was reduced in the case of soft cotton waste to 30 per cent in March

The total imports in 1952 from all sources were 11 4 lakh bales as against 14 lakh bales programmed for and these proved more than sufficient in view of the emergence of the buyers market for finished goods

The sharp recession in cotton prices resulted in the relaxation of the cotton control in the field of movement and the Government had to reiterate in March 1952 its assurance about supporting the floor prices The prices later rallied and, encouraged by the floor remaining untouched the Government raised the floor for 1952 53 season by Rs 50 with a view to providing a fresh stimulus to cotton growing

In view of the satisfactory supply position, forward trading in cotton was permitted from December 1952 within the ring of the East Indian Cotton Association

The agricultural plan envisages increased production of cotton from 33 00 lakh bales in 1950 51 to 42 29 lakh bales in 1955 56 Meantime the deficit is being met by imports

COTTON MILL INDUSTRY

The cotton textile industry, which is the largest single industry in the country, has made rapid strides during its existence of a century India holds the third place among the countries of the world in its capacity for yarn and cloth based on mechanical equipment and stands second on the basis of cotton consumption

In addition to providing means of livelihood for nearly 10 million handloom weavers the mill industry provides employment to about 800 000 workers

The capital invested is estimated at 100 crores and the annual turn over between Rs 350 crores and Rs 400 crores

The following table gives details about the distribution of mills in India as in August 1952

Where situated	Number of Mills	Number of Spindles installed	Number of Looms installed	Average No of Hands employed	Approximate Quantity of Cotton consumed in bales
Greater Bombay	65	29 20 509	65 370	1,12 468	10 41 910
Ahmedabad	74	20 23,552	42 371	73 235	6 36 060
Rest of Bombay State	61	12 61 022	24,248	50 416	3,83 976
Rajasthan Ajmer and PEPSU	12	1 62 464	3 707	8 576	1 08 408
East Punjab and Delhi	11	2 09,900	5,038	7 039	1 48,656
Madhya Pradesh	29	7,96 974	12 763	24 788	2,98 314
Madhya Bharat and Bhopal	18	4,39 158	11,305	23,162	2 63 928
Bihar and Orissa	3	75 732	1,431	2,037	26 348
West Bengal	36	4 69 830	9 862	21,454	1,31 788
Hyderabad State	7	1 22 440	2,655	7 163	77,882
Uttar Pradesh	7	1 13 596	2,580	6 755	70,766
Madras State	90	19,68 590	8 520	55 007	5,99,124
Travancore Cochin Union	10	1 33 265	726	3 384	30 568
Mysore	11	2 23 028	3,052	11 912	83 102
Pondicherry	3	83 228	1,992	5,238	25 616
Total	437	1 09,03 288	1,95 520	4,12,634	39,26,446

Note Out of the above six mills in Uttar Pradesh, three mills in rest of Bombay State, two in Ahmedabad, two in Rajasthan, Ajmer and PEPSU and one mill each in Greater Bombay, Saurashtra Punjab and Delhi, Madhya Bharat and Bhopal, Madras State and Travancore Cochin were not working The table also excludes 22 mills which have been registered and/or are in course of erection

The actual production of yarn and cloth are as follows —

Year	Yarn in 000 lbs		Cloth in 000 yards				
	Production	Mill consumption	Coarse	Medium	Fine	Superfine	Total
1948	1,447,616	1 036 925	797 620	2 580 567	601 429	339,687	4 319 303
1949	1 359,119	963 214	452 068	2,309,169	809 240	333,726	3,904 203
1950	1,174 220	872 675	421,819	1 781 436	1,200,453	261 383	3 665 091
1951	1 303 861	987,376	363,561	2 080 858	1 347 946	283 866	4 076 186
1952	1 448,400	N o t A v a i l a b l e					4,603,200

On the basis of the full rated capacity of the industry about 50 lakh bales of cotton are required compared to the actual indigenous supply of 26 28 lakh bales in 1949 50 and 33 00 lakh bales in 1950 51 During 1948 49 the cotton consumption by mills was 42 5 lakh bales

On this basis the estimates of the other important raw materials are given below Card clothing —3 500 sets Bobbins 425 000 gross Shuttles —8 300 gross, Heads 900 000 sets, Reads—400 000 pcs Pickers—37 500 gross Mutton tallow 3 600 tons Starch 36 000 tons Coal tar dyes —5 900 tons Hydro sulphite of soda —2 000 tons Zinc chloride—3,000 tons Caustic soda—15,000 tons

SMALL-SCALE INDUSTRY

It is estimated that there are 2,850 000 hand looms and 23 800 power looms in existence in the country About 65 per cent of the power looms are located in Bombay State though the handloom industry has witnessed the largest development in Madras State

The regional distribution of power looms and handlooms, together with their estimated requirements of yarn is given below —

State	No of Power looms	Annual yarn Requirements (m lb)	No of Hand looms	Annual yarn Requirements (m lb)
Bihar	147	0 72	196,218	47 10
Bombay	15 742	76 82	161,255	38 70
Madhya Pradesh	1 123	5 48	105 000	25 20
Madras	1 415	6 91	841 140	201 87
Orissa	10	0 05	129 686	31 12
Punjab	1 339	6 53	46 357	11 13
Uttar Pradesh	342	1 67	253 311	60 69
West Bengal	1 354	6 61	97 151	23 32
Hyderabad	167	0 81	149 000	35 76
Madhya Bharat	24	0 12	18 500	3 72
Mysore	1 303	6 36	35 000	8 40
Rajasthan	36	0 18	26 000	6 24
Saurashtra	269	1 40	20 000	4 80
Travancore Cochin	10	0 04	80 157	19 23
Ajmer Merwara	10	0 05	2 016	0 48
Delhi	481	2 35	750	0 18
Other Areas	28	0 01	190 164	166 46
Total	23 800	116 11	2,851 685	684 40

Statistics of the production of powerlooms are not available The actual output of the handloom sector, which showed a remarkable expansion during the Second World War when it reached a peak of 1,700 million yards, registered a fall in the subsequent period and was as low as 810 million yards in 1950 as against 1 250 million yards in 1948 and 1949

Production of cloth by the handloom industry in 1951 52 has been estimated at 924 million yards

IMPORTS AND EXPORTS

The year 1952 witnessed the emergence of a buyers market in cotton textiles and the accumulation of unsold stocks was accompanied by a fall in prices As a result there was a progressive relaxation of control measures and restrictions In October the prices of a number of varieties including dhoties, sarees and mulls were decontrolled and the policy was further extended to coatings twills etc with effect from January 1 1953 leaving about one third of the mill production subject to price control With effect from July 1 1953 the cloth control was totally abolished

The production control was used towards the end of 1952 for helping the handloom industry by reserving the production of certain varieties including sarees woven of dyed yarn dhoties with borders of certain width lungies sarongs etc

In the post war period foreign exchange difficulties have resulted in shutting out imports of cotton textiles except (*a*) umbrella cloth and special fabrics (*b*) yarn of 80s and above required for handloom purposes and (*c*) yarn of 30s and 60s for manufacture of heralds and reeds

While India was an important importer of cotton goods for several years she has now become an important exporter In January 1953 the Government provided a stimulus to exports by reducing the export duty on coarse and medium cloth from 25 per cent *ad valorem* to 10 per cent

Export quotas for yarn are allowed for the first half of 1953 on a percentage basis of the free yarn made available by each mill in 1952

The following table gives the sea borne export trend —

Year	Twist and Yarn		Cloth	
	Million lb	Rs in crores	Million yd	Rs in crores
1948 49	7 4	1 3	340 92	36 2
1949 50	64 9	11 8	700 86	59 1
1950 51	74 5	17 1	1 269 66	116 7
1951 52	6 2	2 0	423 82	51 7
1952 53	17 3	4 2	614 61	61 3

DEVELOPMENT PROGRAMME

Cotton cloth (mill made and handloom) available for consumption per head averaged 15 to 16 yards in pre war years The consumption in 1951 52 was, however estimated at 12 5 yards as against 9 yards in 1950 51, and has been fixed at not less than 13 yards for 1952 53 so as to be progressively increased to 15 yards by 1955 56

To enable the handloom industry to meet the consumer resistance the Government constituted an All India Handloom Board in December 1952

In regard to the mill industry, it was found that apart from cotton shortage, there were about 150 inefficient and uneconomic units Another important problem related to diminishing productivity

The following table summarises the programme of development of the industry as approved by the Planning Commission —

	Unit	1950 51	1952-53	1955 56
Initial Capacity of Mill industry				
Spindles	No	10 942 241	11,175 283	11,292,241*
Yarn	m lb	1,668 7	1,704 2	1,722 0
Looms	No	194 411	195 849	195 849
Cloth	m yd	4,743 6	4 778 7	4,778 7
Actual Output—				
Yarn	m lb	1,179	1,510	1,640
Mill cloth	m yd	3,718	4,600	4,700
Handloom Cloth	,,	810	1,300	1,700
Exports —				
Yarn	m lb	74 5	—	—
Cloth	m yd	1,269 5	1,000	1,000
Cotton Needed—	m bales	3 5	4 5	4 9

* This figure does not include additions in existing mills for achieving economic sizes

VEGETABLE OIL INDUSTRY

INDIA is one of the most important producers of oilseeds in the world and is consequently a large producer of vegetable oils as well as an exporter of oils and oilseeds

The following figures show the average production of different varieties of oilseeds in recent years along with their share in world production —

—	Average Indian Production (lakh tons)	As percentage of world Production
Groundnut	30 0	36
Castor seed	1 2	26
Linseed	4 0	15
Sesamum	3 0	26
Cotton seed	13 0	13

According to the latest census of the Development Wing of the Ministry of Commerce and Industry, the number of the more important large-scale mills engaged in crushing edible oils in 1951 was 174 with a rated capacity of about 580,000 tons of oil per annum on a daily single shift operation of 8 hours and their regional distribution was as under —

State	No of units	Annual Rated capacity (Tons of oil)
Assam	23	15,300
West Bengal	10	63 288
Bihar	21	52,104
Bombay	8	43,152
Delhi	2	3 660
Hyderabad	2	N A
Madhya Pradesh	12	32,640
Madras	14	74,868
Madhya Bharat	8	13,548
Mysore	4	14,700
Orissa	1	4,440
Punjab	3	10 956
PEPSU	2	3,672
Rajasthan	2	2,136
Saurashtra	4	37,944
Travancore Cochin	9	15 672
Uttar Pradesh	49	190,608
Total	174	578,688*

* Refers to capacity of only 172 units

The capital invested in the organised industry is estimated at Rs 30 crores and the number of workers at 28,000 The most important oilseeds consumed in large quantities for the production of oils are groundnut linseed, rape and mustard, castor seed and sesamum seed Small quantities of cottonseed and mohwa seed are also crushed

IMPORTS AND EXPORTS

The following table shows the imports and exports of oil since 1948 49 —

—	1948 49	1949 50	1950 51	1951 52	1952 53
Imports (Tons)	7 893	34 164	19 143	29 371	28,767
Coconut oil	7,656	30,700	18 070	29 900	23,401
Exports (Tons)	64 361	45,092	120,100	89,073	143 208
Groundnut oil	36,760	28,960	82 270	21,065	68 206
Linseed oil	9 471	7,362	5 664	25,338	28 249
Castor oil	13 020	4 922	25 530	23 913	37 344
Others	4 412	3 848	6 636	18,757	9,409

There is an export duty of Rs 150 per ton on groundnut The tentative export target is 50,000 tons of oilseeds and 170,000 tons of oil for 1955 56

On the basis of the minimum *per capita* consumption of fats in this country the total consumption of fats of the entire population would work out at 7 million tons as against the present estimated consumption of 1 2 million tons

The consumption of vegetable oils in industries has considerably risen since the last war The development of soap, paints and varnish industries has stimulated the consumption of non edible oils Castor oil consumption as a lubricant has also registered considerable expansion During the decade following the outbreak of the war, consumption of vegetable oils by the soap industry has doubled from 30,000 tons to 63,000 tons, and that of paints and varnish industry and lubricant has risen from 15,000 tons each to 30,000 tons and 25,000 tons respectively

The Planning Commission estimates that the additional demand will be stepped up by 100,000 tons by 1955 56

According to the Five-Year Plan the production of oilseeds would increase by 400,000 tons over the estimated production of 5,103,000 tons in 1950 51 Consequently, the supply of oil is expected to rise from about 1,113,000 tons in 1949 50 to about 1 272,000 tons by 1955 56 The total supply of vegetable oils of all varieties including about 110,000 tons of coconut oil is thus expected to be 1 38 million tons by 1955 56

The Commission has recommended measures for assisting the cottonseed industry, introduction of solvent extraction process to secure higher overall recovery of oils and wider utilisation of neglected resources of oil bearing materials such as neem, mohwa, karang and marotty which grow wild

The table below summarises the programme of development envisaged during the period of the Plan —

—	1949 50 Tons	1955 56 Tons
Output of vegetable oils excluding coconut oil	1 113 000	1,287,000
Cottonseed oil	5,000	12,500
Exports of oil	45,000	170,000

VANASPATI

The Vanaspati Industry though a minor branch of the Vegetable Oil Industry is one of the most highly organised and efficient industries Its history is interesting It started on a small scale in 1930 Then it grew rapidly as shown in the table below —

Year	No of factories	Sale in sub-continent in tons
1937	5	32,000
1938	5	40,000
1939	9	51,000
1940	11	65,000
1941	12	84,000
1942	12	71,000
1943	16	87,000
1944	18	103,000
1945	21	134,000
1946	21	138,000
1947	23	96,000
1948	26	127,000
1949	38	152,728
1950	39	167,633
1951	41	172,000

The State wise distribution of factories at the beginning of 1952 with annual capacity was as follows —

State	In production	Under construction	Annual capacity (tons)
Bombay	14	1	133,400
Saurashtra	8	1	22 500
West Bengal	7	1	56 000
Bihar	1		4 960
Orissa	1		7 600
U P	4		42 468
Delhi	2		13 500
Punjab	1		3 000
PEPSU		1	3 000
Madras	7	5	52 900
Mysore	4		10 800
Hyderabad	1		7,500
Travancore Cochin	1		1 200
Madhya Pradesh	2		19 500
Madhya Bharat	1	1	10 500
Total	49	10	388 828

The gap between the installed capacity and actual production has continued to remain wide as will be seen from the following table —

Year	Installed Capacity Tons	Production Tons
1948	216,228	129,696
1949	283 728	155,544
1950	319 728	171 636
1951	325 728	172 320
1952	339 228	190 812

The capital invested in the industry is about Rs 22½ crores Besides 15 000 workers directly employed the industry provides indirect employment for nearly 60,000 workers

Vegetable oils constitute the chief raw material of the industry

There is no import and export is also negligible

Production distribution, sale and price are all controlled for which purpose the country is divided into four zones

The demand for vanaspati at present is estimated at about 150,000 tons a year The Planning Commission however, thinks that the demand would rise to about 190,000 tons by 1952 53 and to about 300 000 tons by 1955 56

The table below summarises the programme of development during the period of the Plan —

—	1950 51	1955 56
No of factories	48	59
Annual rated capacity (tons)	333,228	388,828
Actual Production (tons)	152,600	300,000

WOOLLEN INDUSTRY

THERE are three main groups of mills, those which operate both woollen and worsted systems, those with woollen or worsted systems only and lastly the Amritsar group of mills which purchase ready spun yarn, and from that stage occupy themselves in weaving, dyeing and finishing

Among the first group the Cawnpore Woollen Mills and the New Egerton Woollen Mills, Dhariwal, each with more than 15 000 spindles and operating both woollen and worsted systems, are the largest units in India at the present time

In 1951 there were 44 factories including four put up since the war and the total capital employed was estimated at Rs 7 crores The industry gave employment to about 18,000 workers The number of powerlooms and spindles installed were 2,039 and 116,800 respectively The regional distribution of the woollen industry in 1951 was as under —

Region	Number of units		Total	Rated Capacity (m lbs)
	Spinning only	Spinning and weaving		
Bombay	2	6	8	6 04
Saurashtra		1	1	1 50
Punjab		26*	26	5 70
Uttar Pradesh		4	4	3 90
West Bengal		1	1	0 30
Kashmir		1	1	0 61
Mysore		3	3	2 10
	2	42	44	20 15

* Of these 22 units are mostly for weaving and account for one million lbs of rated capacity

The above rated capacity is assessed on the basis of a single shift of 8 hours per day Some of the mills are, however working more than one shift

Woollen manufactures consist of blankets rugs shawls lohis, coating overcoating, tweed, flannel serge, etc but the major portion is of coarser and heavier types of goods The trend of production of woollen manufactures is detailed below —

Year	Quantity (m lbs)
1947	24 0
1948	20 0
1949	21 0
1950	18 1
1951	17 7
1952	16 7

The fall in production during the years 1950, 1951 and 1952 was mainly due to the difficulty of marketing the goods as a result of consumer resistance to high prices Since August 1952 however the fall in the prices of raw wool and finished goods has been accompanied by the broadening of the demand as well as production

Indigenous wool, including arrivals of 8 million lbs across land frontiers, amounts to 62 8 million lbs Out of this exports account for 24 6 million lbs the indigenous carpet and drugget industry and the cottage sector consume about 13 2 million lbs and 10 million lbs respectively and the mechanised wing absorbs 15 million lbs

The types of wool produced in the country are not suitable for the manufacture of the finer fabrics Based on quality, the estimated annual requirements of the mechanised woollen industry for working at the rated capacity of 20 15 million lbs has been estimated at 33 9 million lbs greasy basis The actual consumption during the past few years has been around 15 million lbs of indigenous wool, 5 to 8 million lbs of imported raw wool and 8 to 13 million lbs of imported tops making a total of 30 to 33 million lbs

Owing to restrictions on imports of finished woollen goods in recent years there has been a gradual decline in imports from 11 176 million lbs valued at Rs 724 lakh in 1948 49 to 3 963 million lbs valued at Rs 298 lakh in 1951 52 The bulk of the imports was yarn and knitting wool

Exports of woollen goods rose in the same period from Rs 304 lakh to Rs 649 lakh carpets and rugs accounting for the bulk of the shipments

HOSIERY INDUSTRY

According to the Tariff Commission, there were in 1951, 875 units, excluding four mills having hosiery section of which as many as 843 were in the Punjab with a capital investment of approximately Rs 3 crores Only 56 units were, however registered under the Factories Act and 46 used electric power

The Ludhiana factories numbering about 805 work during the season but have a rated capacity for consuming 10 425 million lbs of yarn annually The annual rated capacity of the four woollen mills having hosiery section is estimated at 1 313 million lbs of yarn The actual production of the industry has however been very much less than the rated capacity and has been estimated as under by the Tariff Commission in terms of weight of the finished products —

Year	Lakh lbs
1949	37 83
1950	27 57
1951	20 22

Two new units which were under construction in 1950 went into production in 1951 In addition another two units were likely to be established for woollen goods apart from the installation of spinning plants for additional production of worsted yarn

The Planning Commission has estimated the indigenous demand for woollen manufactures at 23 million lbs by 1955 56 and is of the view that if some of the mills work double shift and the existing capacity fully utilised, the establishment of new weaving units during the period of the Plan is unnecessary If, however recognises that the industry is handicapped by inadequate supplies of wool tops and the absence of facilities for technical training and has therefore stressed the need for washing of wool before shearing and grading before marketing The following table summarises the programme of development of the woollen textile industry (mechanised section) —

	1950 51	1955 56
No of spindles in existence	116,800	146,800
Annual rated capacity for cloth on single shift (m lbs)	20 15	20 15
Actual Production (m lbs)	18 00	25 00
Estimated requirements (m lbs)	20 00	23 00

*

MINES AND MINERALS

Allotment under Five Year Plan (mineral development) Rs 1 06 crores

THE mineral wealth of India, as at present known, though by no means inexhaustible, comprises on adequate range of useful products necessary for industrial development

The reserves are ample in respect of minerals essential for basic industries—coal and iron—but the country is deficient in a fairly long list of vital minerals like ores of copper, tin lead, zinc, nickel cobalt and in sulphur and petroleum

The position with regard to aluminium ore refractories, abrasives limestone etc may be considered as fairly adequate while in respect of titanium and thorium ores and of mica, the country has considerable reserves

An idea of India's mineral resources their adequacy, deficiency and present production is given below —

MINERALS ADEQUATE FOR INDIA'S NEEDS

Mineral	Production in 000 tons	
	1950	1951
Bauxite	64	67
Coal	32,307	34,431
Ilmenite	212	220
Iron ore	2,971	3,657
Kyanite	35	42
Sillimanite	1	4
Magnesite	53	117
Manganese ore	883	1,284

Coal, iron ore manganese ore, ilmenite kyanite and mica for which the data is not available are produced in quantities of real importance to industry and other sections of economy

Of these mica manganese ore, kyanite and ilmenite are wholly or largely exported

MINERALS WITH FAIRLY ADEQUATE SUPPLIES

Mineral	Production in 000 tons	
	1950	1951
Barytes	12	8
China clay	53	55
Other clays	277	291
Felspar	1	3
Chromite	17	16
Gold (000 oz)	197	226
Gypsum	206	264
Salt	2,573	2,642

MINERAL NEEDS OF INDUSTRIES

Mineral		Present Annual Consumption	Estimated Requirements in 1955 56
Coal (m tons)		10 0	14 0
Limestone (000 m tons)		5 3	8 9
Gypsum	(000 tons)	97 0	870 0
Iron ore	(,,)	2,672 0	4,000 0 (*a*)
Manganese ore	(,,)	70 0	100 0
Bauxite	(,,)	26 0	60 0 (*b*)
Glass sand	(,,)	108 0	184 0
Ilmenite	(,,)	Nil	3 0
Monazite sands	(,,)	Nil	1 5
Sulphur	(,,)	42 5	82 0
Rock phosphate	(,,)	35 0	108 0
Petroleum crude	(,,)	Nil	1,700 0 (*c*)
Pyrites	(,,)	Nil	22 0

(*a*) When the expansion scheme of the existing steel units is complete, the demand for iron ore is expected to go up to 4 4 million tons This will rise further to 5 5 million tons when the proposed Government steel factory materialises

(*b*) Following the execution of the expansion programme of *Indian Aluminium Co* the demand for bauxite will be about 110,000 tons per annum

(*c*) The addition of two refineries will raise the demand for crude petroleum to 4 2 million tons per annum

As part of the rational policy to ensure efficient working of known mineral deposits, the Mines and Minerals (Regulation and Development) Act was enacted in 1948 Under this Act, the Central Government's concurrence is necessary for the issue of licences and leases for atomic energy minerals and rare minerals There is a proposal to cover other minerals by this provision and also to lay down rules regarding economic units for different classes of minerals with due advertence to local conditions

The Indian Bureau of Mines Act set up in March 1948 continues to tender advice to Government on mineral concessions

The Geological Survey of India has been expanded so that it can cope with the growing work of protecting investigating and mapping mineral deposits and tackling the engineering problems connected with the country's hydroelectric projects

COAL

The most important coal fields are Raniganj and Giridih Bihar and West Bengal contribute about 82 per cent of the total output Other States in which coal is found are Madhya Pradesh, Orissa, Hyderabad, Vindya Pradesh, Assam and Rajasthan

There are about 100 coal fields in India The production in 1952 was over 36 million tons The industry employed in 1951 about 340,000 workers, an increase of 58 per cent over 1941

Indian coal falls mainly into two classes namely, high grade steam and low grade steam

The Metallurgical Coal Conservation Committee placed the reserves of coking coal at 329 6 million tons in respect of selected grade 395 7 million tons of grade I quality and 49 1 million tons of grade II quality With stowing washing and blending the committee thought that a reserve of 2,000 million tons of good quality coking coal could be obtained The Geological Survey of India estimated the reserves of non-coking coal at 39 650 25 million tons of which gondwana coal represented 37,113 25 million tons and balance tertiary coal

The following table gives the details of output —

Year	Production (million tons)
1946	29 27
1947	30 07
1948	29 82
1949	31 44
1950	32 31
1951	34 43
1952	36 23

Recently the mineral concession rules were revised by the Government of India The rules (1949) limit the period of the leases to twenty years with the option of one renewal for another twenty years The rules also require the certificates of approval from the State Governments The Government has also constituted a committee to consider all applications for opening mines

Mechanisation in the industry is at a very early stage of development In the middle of 1951, there were only 374 coal cutting machines in 118 coal mines which represented hardly one fifth of the total output There were nine mechanical loaders of which two were out of order while the number of conveyors was only 19 An event of great importance was the introduction of coal washing plant, for the first time in the history of the industry, by Tatas in their West Bokaro mines

In earlier times the coal used to be sold by the name of steams For the first time the Indian Coal Grading Board was constituted in 1926 The maintenance of grades requires beneficiation but only about 70 collieries are fitted with screening plants and mechanical chutes, the rest are worked by hand labour

The Coal Grading Board has split up the area into Raniganj and Jharia coal fields and has carried out extensive work in the field of grading In 1944 the necessity was felt to control production and distribution of coal and the Colliery Control Order introduced what is known as Coal Commissioner's grade

MINERALS WITH DEFICIENT SUPPLY

Mineral		Production		Imports	
		1950	1951	1950	1951
Copper	(000 tons)	6 6	7 1	41 8	8 6
Graphite	(,,)	1 5	1 6	0 8	0 7
Lead ore	(,,)	1 9	1 8	—	—
Lead pig	(,,)	0 6	0 8	15 4	7 9
Petroleum	(m gals)	—	—	780 8	869 0
Mercury	(m lbs)	—	—	2 4	0 7
Sulphur	(000 cwts)	—	—	1,138 0	770 1
Tin	(,,)	—	—	95 4	59 2
Zinc	(000 tons)	—	—	33 4	20 1

Under the Coal Mines (Conservation and Safety) Act, 1952, the Central Government is empowered (1) to adopt measures for the safety of coal mines or for conserving coal, (2) to authorise the Coal Board to deal with problems of the industry, (3) to levy excise duty on coal and coke, and (4) to frame rules for regulating the industry

The coal industry is thus subjected to a comprehensive control embracing production, allocation prices and wages Levies on exports also differ from country to country

Since the middle of 1952 the overseas demand for Indian coal showed trends of contraction and the mounting stocks at pits forced the industry to offer secret discounts thereby rendering the official prices ineffective

The export trends are summarised below —

(000 Tons)

Country	1950-51	1951-52	1952-53
United Kingdom	3 7	117 0	—
Aden and Dependencies	6 1	55 9	37 8
Pakistan, Western	738 1	128,05 6	119,69 5
Pakistan, Eastern	1680 9	47 78 5	126,56 5
Ceylon	294 3	272 1	321 7
Burma	123 5	124 5	235 3
Singapore	58 7	112 4	114 4
Hongkong	113 1	147 2	155 5
Japan	115 0	812 8	610 6
Egypt	10 1	118 4	10 1
Australia	219 7	193 5	159 1
Others	23 8	256 8	286 3
Coal and Coke—Total	3 395 9	19,628 0	26 605 4

IRON ORE

On account of the high ash of Indian metallurgical coke, it is usual in estimating the Indian iron ore reserves to accept only ores with an iron content of 60 per cent and above Ores below this iron content are used only in very small quantities in Indian blast furnaces

India possesses perhaps the largest reserves of high grade iron ore in the world as well as large quantities of low grade ores The estimated resources are —

	Million Tons
Bihar	
Singhbhum	1,047 00
Madhya Pradesh	
Bastar	610 00
Rowghat	800 00
Chanda	21 90
Drug	120 00
Orissa	
Bonai	648 00
Keonjhar	988 00
Mayurbhanj	18 00
Madras	
Salem Tiruchirapalli	304 65
Andhra	
Cudappah	304 04
Kurnool	3 70
Mysore	
Kemmangundi	105 00
Bababudan	200 00
Sandur	130 00
Bombay and Goa	6 00
Punjab and PEPSU	
Patiala	5 00
Mandi	5 00
Total (not conclusive) more than	5,007 29

Large deposits of high grade ores are limited to a few areas of which the following fields require special mention —

(*i*) *Singhbhum and Orissa* In what is known as the Singhbhum Iron Belt, consisting of the Singhbhum District, in which the Tata Iron & Steel Company's Steel Works are situated, and the neighbouring areas, there exist some of the richest iron ore deposits in the world The iron content of the ore considered usable varies from 60 per cent to 65 per cent

(*ii*) *Mysore* There are big deposits of hæmatite and quartz—magnetite ore in Mysore but the latter are of low-grade and would require concentration before using them The ores used in the Bhadravati Iron Works are from the Bababudan Hills and can be compared to Singhbhum ores containing about 60 per cent iron Incidentally, the total quantity of ore available is not less than 100 million tons

Limonites deposits are also known to exist but they have not been properly explored owing to transport difficulties

(*iii*) *Madras* Very large deposits, mainly magnetite, occur in Salem They have been estimated at 200 million tons They will, however require concentration before use, and there may be considerable losses in the process

(*iv*) *Madhya Pradesh* Large deposits of hæmatite are found in the Bastar, Chanda, Drug and Jabalpur districts of this State Of these, those in Bastar are of very large magnitude and are of the order of 1,000 million tons It is expected that the Chanda and Drug deposits will shortly be utilised for feeding a new iron and steel works to be established in Madhya Pradesh

(*v*) *Other Areas* In Hyderabad the Bailadila range is reported to have hæmanite deposits which are inaccessible and far away from coal fields

The only source of high phosphorus ore is in Bengal It is poor in iron content being 35 per cent to 45 per cent and most of the easily available ore in this locality has been exploited

The deposits in the Ceded Districts in Andhra are estimated to be not less than 100 million tons

The average annual production of iron ore has of late been varying between two and three million tons

The contribution of Mysore ranges between 40,000 and 60,000 tons, and the rest comes practically from Bihar and Orissa

The following is the trend of production —

Year	000 Tons
1949	2,809
1950	2,965
1951	3,657

There has been a small but growing export trade in iron ore as indicated below —

Year	Tons
1949-50	4,300
1950-51	84,513
1951-52	280,102
1952-53	811,571

MANGANESE ORE

North Kanara and Panch Mahals in Bombay, Vishakapatnam in Andhra, Sandur, Shimoga, Chitaldrug and Tumkur in Mysore and Balaghat, Bhandara, Chhindwara and Nagpur districts in Madhya Pradesh are today considered as the most valuable and economically workable centres

Domestic consumption of manganese is given below —

(in Tons)

Year	Production	Domestic Consumption	Exports
1949	645,825	79,264	613,907
1950	882,929	69,325	808,221
1951	1,283,929	88,867	952,000
1952-53	N A	N A	1,364,931

It is estimated that domestic requirements will reach 100,000 tons by 1957-58

To conserve reserves export control was brought into force late in 1948 and ceiling limits were placed for both high and low grades Later, for special reasons, Government decided on a policy of export of high grade ores to the extent of one million tons per annum for a temporary period

India is believed to have abundant resources probably of the order of 70 to 80 million tons of low grade ore, *i e*, containing less than 42 per cent manganese

Provision has been made in the Plan for investigations in regard to beneficiation of such ores

The export price for manganese ore which had touched Rs 175 per ton during the Korean boom and remained almost steady around Rs 155 in 1952 steadily declined to Rs 113 by April 1953

MICA

Mica has been treated as a strategic material and India accounts for a big slice of the world trade in it

The principal mica deposits are concentrated in Bihar, Rajasthan including Ajmer Merwara, and Madras In recent years, its occurrence has been reported from other parts of the country as well

In Bihar the mica belt is 60 to 80 miles long and about 12 to 16 miles wide and produces 'ruby' mica which is in great demand all over the world

At present Rajasthan is responsible for about 25 per cent of the Indian production Most of the production from Rajasthan is sent to Bihar to be split and marketed

The mica belt in the Nellore district in Andhra is about 40 miles long and 5 to 10 miles wide The greater portion of the Andhra output is of "green' variety

Statistics of mica production are not reliable and export figures are always higher than production figures The quantity and value of mica exported from India are given below —

Year	Quantity in 000 cwts.	Value in lakhs of Rs
1948 49	340 2	593 7
1949-50	297 7	684 5
1950-51	383 4	958 5
1951-52	407 7	1320 9
1952 53	283 8	899 5

CHROMITE

Chromite is an important strategic mineral of which India has moderate supplies

The chief deposits are in the Singhbhum district of Bihar, the Mysore and Hassan district

of the Mysore State, the Ratnagiri and Sawantwadi areas of Bombay State, the Krishna district of Andhra, the Salem district of Madras and the Keonjhar district of Orissa

No reliable estimates of reserves are available but the following figures in tons may be given — Reserves in Tons Mysore (135,000), Bombay (67,000), Orissa (200,000) Salem (200,000)

The following table gives details regarding production and export of chrome ore —

Year	Production (Tons)	Exports (Tons)
1949	19 416	6 382
1950	16 729	3 864
1951	15 802	8 838

Export of chromite which was unrestricted till 1948 was brought under control and a ceiling of 10,000 tons was prescribed

MAGNESITE

Large deposits of magnesite used in the manufacture of magnesium salts, metallic magnesium and refractory bricks are known to occur in Salem (Madras), Hassan and Mysore (Mysore), Almora (U P), Coorg, Idar (Bombay), Dungarpur (Rajasthan) and Singhbhum (Bihar)

Of these, the chief producing centres are Salem, Hassan and Mysore

The deposits in Salem have been estimated to contain over 90 million tons within a depth of 100 ft from the surface The Almora deposits are supposed to contain a minimum of 20 million tons.

Only a part of the output is used in the manufacture of refractory bricks for steel works and a considerable quantity is exported

The output and export of magnesite from Salem and Mysore from 1949 to 1951 are given below —

Year	Output (Tons)	Exports (Tons)
1949	90,564	37,099
1950	52,859	16,465
1951	117,071	46,409

GYPSUM

Gypsum deposits are known to exist in several parts of India The better known gypsum bearing regions are in Rajasthan (Jodhpur, Bikaner and Jaisalmer) and in Madras (Tiruchirapalli district)

The reserves are placed at 40 million tons in Rajasthan, 15 3 million tons in Madras and one million tons in Andhra (Nellore district)

Smaller deposits also occur in Tehri Garhwal, Himachal Pradesh and parts of western India, but these have not been explored

The annual production from Indian deposits from 1949 is given below —

Year	Output (Tons)
1949	139,944
1950	206,366
1951	203,602

At present the annual estimated consumption of gypsum is about 94,000 tons for cement manufacture and about 2,000 to 3,000 tons for plaster of Paris

The Sindhri Fertiliser Factory will annually require about 600,000 tons of gypsum

The Planning Commission estimates that by the end of 1955-56 the demand will rise to 870,000 tons as against 127,000 tons in 1951-52 Of the increase cement will account for 45,000 tons to 160,000 tons and fertilisers for 678,000 tons to 690,000 tons

SULPHUR

Native sulphur in deposits of large size is unknown in India though some occurrences have recently come to light in the hill ranges in the north of India, and small deposits of native sulphur produced by bacterial action on sulphates derived from sea-water have been found in the coastal tract of Masulipatnam and in the Barren Island

Deposits of pyrites are more widespread and are found in Kashmir, at Taradevi near Simla, at Amjor near Rohtas in Bihar, Karwar in Bombay and in the Chitaldrug area of Mysore

Substantial quantities of pyrites are associated with the gold deposits of Wynad in the Nilgiri district of Madras Most of the copper deposits also occur in the form of copper pyrites Some of the Indian coals, *e g* Assam coal and Rewa coal are high in sulphur

As there is no production of sulphur in India, the country s requirements are met from imports, for which the recent figures are given below —

Year	Quantity (Tons)
1948	38 300
1949	41,000
1950	55 000
1951	38,507

SALT

The principal centres of salt manufacture in the Indian Union are as follows —

(*a*) Marine Salt Works —

(*i*) Saurashtra and Kutch—Bhavnagar, Jaffrabad, Jamnagar, Lavanpur Porbandar, Bharai and Kandla

(*ii*) Bombay—Dharasana, Bhayandar, Bhandup, Uran and Mithapur

(*iii*) Madras—Nanpada, Pennuguduru, Madras, Cuddalore, Adirampatnam, and Tuticorin

(*iv*) Orissa—Astarang (Puri) and Huma, Gokhurkuda and Sumadi (Ganjam district)

(*v*) West Bengal—Contai (Midnapur)

(*vi*) Travancore Cochin—along the coast

(*b*) Salt Mines —

(*vii*) Himachal Pradesh—Mandi

(*c*) Inland Sources —

(*viii*) Rajasthan—Sambhar, Didwana and Pachbadra

(*ix*) Bombay and Saurashtra—Kharaghoda and Kuda (Rann of Kutch)

Production

At present there are 122 salt works with an annual productive capacity of about 2 804 million tons (76 3 million maunds) of which six units with a productive capacity of about 0 73 million tons (20 million maunds) are owned and operated by Government

The total area under salt is estimated at about 82,000 acres as against 55,600 acres at the beginning of the period of the Plan of which 84 per cent is owned and leased out by the Central and the State Governments In terms of actual production, however, Government factories account for one-fourth of the output

In the private sector, the manufacture is largely in the hands of small licensees or lessees of absentee proprietors, except in Saurashtra and Kutch

The trend of production (in thousand tons) in 1951 52 is given below —

Bombay 644, Madras, 736, Orissa, 40 West Bengal, 2, Rajasthan, 494, Saurashtra, 776, Mandi, 5, Unlicensed factories, 100, total, 2,797

The total block capital invested in the industry is estimated at about Rs 703 lakhs (Rs 595 lakhs in marine salt works and Rs 108 lakhs in inland salt works)

The amount of working capital is about Rs 250 lakhs

The total number of persons employed in the industry in 1948 was approximately 72 000 of which about 57,000 worked in the marine salt works, about 14,000 in the inland salt works and about 600 in the Mandi mines

Until 1939 India was a heavy importer of salt but imports into India since 1947 not only steadily declined but of late the country has become an important exporter as will be seen from the following —

—	Quantity (Tons)	Value Rs in lakhs
1950-51	1 862	1 5
1951 52	86,632	39 4
1952 53	222,617	60 1

The Salt Experts Committee (1950) estimated that the total consumption would rise to 3 0 million tons (81 7 million mds) in five years the break up being domestic consumption 2 1 million tons industries 0 4 million tons livestock and agriculture 0 3 million tons and curing of hides and fish, etc the remainder

The Planning Commission thinks that it will rise to about 2 75 million tons by the end of 1952 53 and to 3 million tons by the end of 1955-56

Salt is produced by solar evaporation except in Mandi where rock salt is obtained by dry mining

Excepting in Saurashtra and Kutch, most of the holdings are small In Madras 3,500 licensees hold 17,000 acres of land under salt The average yield in south India is about 40 tons per acre, while in Saurashtra where the average holding varies from 600 to 1,000 acres, the yield ranges 50 and 90 tons per acre

The distribution is regulated under the zonal system for despatch by rail since the beginning of 1949

A cess of two annas per maund on salt produced in private salt works and 3¼ annas on salt produced in Government works is levied in order to meet administrative charges of the Salt Commissioner s office and finance the development of the industry

Export of salt by sea from other parts of the country to West Bengal were exempted from the payment of cess till 1952 Export of salt to Japan by sea from India are still exempted from cess

Schemes for the existing Government works at Rajasthan and Kharaghoda involve an outlay of Rs 50 lakhs during 1951-56 Rs 100 lakhs are meant for the development of the Mandi mines to obtain an annual output of 66,000 tons from 1955-56 onwards

RARE METALS

The recent technological advances for meeting the rigorous demands of modern times have focussed the attention of the various countries on the possibilities of using new metals or modifying known metals Some of the rare metals which were scientific curiosities till recently are now being produced on a commercial scale in Western countries It is known that the soils of India contain ores from which some of these rare metals can be recovered The Government of India and the Travancore Cochin State Government have jointly floated a joint stock company, the Indian Rare Earths Ltd , to process the monazite sands of Travancore The Company hopes to extract a mixture of oxides of rare earths containing cerium lanthanum, praseodymium neodymium and ten other metals of the rare earth group

Cerium is now being extensively used in glass manufacture cores of chemical electrodes catalyst in chemical manufacture as abrasive in optical glass fabrication and in some structures of steel The use of thorium salts in manufacture of incandescent gas mantles is well known It is also used in glass manufacture, benzene synthesis, metallurgy and cloth impregnation Intensive search has located deposits of pitch blend containing a high percentage of uranium oxides in Rajasthan A belt of uranium minerals over 150 miles long has been found in Bihar and there are sporadic occurrences in Madras as well

Vanadium is of great value to the manufacture of certain types of steel Appreciable reserves bearing titaniferous iron ores containing about 3 per cent oxides of vanadium have been discovered in Bihar Tungsten ore accepted as of strategic importance is found in parts of West Bengal and Rajasthan Chromite ores occur mostly in Chitaldurg (Mysore) and Singhbhum (Bihar) The minerals containing columbium and tantalum used to prevent weld decay and corrosion respectively have been traced in small quantities in the mica producing areas like Nellore, Monghyr, Gaya, Mysore and Travancore

Beryllium used in metallic springs and in manufacturing X ray tubes is produced from the ore known by that name It is found in Rajasthan Bihar and Nellore in Madras Gallium and germanium are found in coal More recently a rich source in the mineral sphalerite was reported from Nepal The National Metallurgical Laboratory at Jamshedpur is examining the economics of Mysore and Singhbhum chromites and of low-grade chrome ores from Talur (Mysore) and has evolved a new electrolytic technique for separating beryllia from beryl The National Chemical Laboratory of Poona has developed quick methods for estimating vanadium, beryllium, uranium and germanium

Lithium is an important light metal of strategic significance In India lithium minerals were first noticed as early as in 1874, and are commonly found as constituents of granite pegmatites The sources are Pihira (Bihar), Jodhpur Bastar (Madhya Pradesh) and Ooregam (Mysore) Kashmir is reported to have crystalline white blocks in a valley north of the famous saphire mines Nevertheless no systematic survey of the resources has yet been undertaken

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THE FIVE-YEAR PLAN

THE Planning Commission was set up in March 1950 by a resolution of the Government of India A draft plan was presented in July 1951

The final plan was presented to the Government of India on December 7 1952 and laid before Parliament on December 8

The members of the Planning Commission were Mr Jawaharlal Nehru (Chairman), Mr Gulzarilal Nanda (Deputy Chairman), Mr V T Krishnamachari Mr Chintaman D Deshmukh Mr G L Mehta Mr R K Patil and Mrs Durgabai Deshmukh The Secretary was Mr N R Pillai and the Deputy Secretary Mr Tarlok Singh Mr Mehta remained a member till August 26, 1952 and Mr Patil till November 10, 1951 and was subsequently associated with the work of the Commission

The five year period is 1950 51 to 1955 56

Below is given a statistical description of the Plan

Throughout the allotments for Madras include those for Andhra

The total outlay and distribution as between Central and State Governments is as follows (Rs in crores) —

Centre (including railways) 1 241 Part A States 610 Part B States, 173 Part C States, 32 Jammu & Kashmir 13 , Total 2 069

The outlay proposed in the development programmes of States other than Jammu & Kashmir is as follows (Rs in crores) —

PART A STATES Assam 17 49 Bihar, 57 29 , Bombay, 146 44 , Madhya Pradesh, 43 08 Madras 140 84 Orissa 17 84 Punjab, 20 21 Uttar Pradesh 97 83 , and West Bengal, 69 10

PART B STATES Hyderabad, 41 55 Madhya Bharat 22 42 Mysore 36 60 PEPSU, 8 14 Rajasthan 16 82 Saurashtra, 20 41 and Travancore Cochin, 27 32

PART C STATES Ajmer 1 57 Bhopal 3 90 , Bilaspur 0 57 Coorg 0 73 Delhi 7 48 Himachal Pradesh 4 55 Kutch 3 05 , Manipur 1 55 , Tripura, 2 07 and Vindhya Pradesh, 6 39

The table below shows the financial basis of the Plan in crores of rupees —

	Central Government	States including Jammu & Kashmir	Total
Planned outlay on development	1,241	828	2 069
Budgetary Resources			
1 Saving from current revenues	330	408	738
2 Capital receipts (excluding withdrawals from reserves)	396	124	520
3 Internal inter Governmental transfers in connection with the Plan (*i e*, 'Central assistance')	—229*	229*	
	497	761	1,258
External resources already received	156	—	156
TOTAL (of last two items)	653	761	1 414

* Includes Rs 4 crores by way of statutory grants for Scheduled Tribes which will be available for part of the development expenditure on Scheduled Tribes in the Assam State Plan

The balance of Rs 655 crores will have to be found from further external sources or internal taxation and borrowing and deficit financing

OUTLAY

The distribution of expenditure in the public sector is as follows —

	Rs Crores	Per cent of Total
Agriculture and Community Development	361	17 5
Irrigation	168	8 1
Multi purpose Irrigation and Power Projects	266	12 9
Power	127	6 1
Transport and Communications	497	24 0
Industry	173	8 4
Social Service	340	16 4
Rehabilitation	85	4 1
Others	52	2 5
TOTAL	2 069	100 0

In October 1952 it was decided to increase the expenditure on the Plan by another Rs 175 crores to meet the rising unemployment in the country (For details see end of the article)

The following table shows the Development Expenditure Under the Plan in greater detail with the Central contribution —

(Rupees in lakhs)

	Head	Total	Central Government
I	AGRICULTURE AND COMMUNITY DEVELOPMENT		
	Agriculture	184,22 2	59 22 2
	Veterinary and Animal Husbandry including Dairying	22 28 5	4 12 0
	Forests	11,69 5	2 00 0
	Co operation	7 11 2	50 0
	Fisheries	4,64 1	50 5
	Rural Development	10 47 1	
	Community Projects	90 00 0	90,00 0
	Local Works	15 00 0	15 00 0
	Programme for Scarcity affected Areas	15 00 0	15 00 0
	TOTAL	360 42 6	186 34 7
II	IRRIGATION AND POWER		
	Multi purpose Projects	265 90 0	265 90 0
	Irrigation Projects	167,96 5	
	Power Projects	127 54 0	
	TOTAL	561 40 5	265,90 0
III	TRANSPORT AND COMMUNICATIONS		
	Railways*	250 00 0	250 00 0
	Roads	108 87 8	31 24 0
	Road Transport	8 96 9	
	Shipping	18 05 8	18 05 8
	Civil Aviation	22,87 0	22 87 0
	Ports and Harbours	33,08 8	32,06 4
	Inland Water Transport	10 0	10 0
	Posts and Telegraphs	50,00 0	50 00 0
	Broadcasting	3 52 0	3 52 0
	Overseas Communications	1 00 0	1,00 0
	Meteorological Department	62 0	62 0
	TOTAL	497,10 3	409,47 2
IV	INDUSTRY		
	Large scale Industries	140 33 2	126 04 3**
	Cottage and Small scale Industries	27 04 1	15 00 0
	Scientific and Industrial Research	4 61 0	4 61 0
	Mineral Development	1 06 1	1,06 1
	TOTAL	173,04 4	146,71 4
V	SOCIAL SERVICES		
	Education	155,66 1	39,01 6
	Health	99,54 6	17,87 4
	Housing	48,81 6	38,50 0
	Labour and Labour Welfare	6 01 7	3,97 3
	Amelioration of Backward Classes and Scheduled Castes and Tribes	29 87 2†	7,00 0
	TOTAL	339 81 2	106 36 3
VI	REHABILITATION	85 00 0	85,00 0
VII	WORKS AND BUILDINGS	11,02 3	11 02 3
VIII	FINANCE MINISTRY SCHEMES	4,39 6	4 39 6
IX	NORTH EAST FRONTIER AGENCY	3,00 0	3 00 0
X	ANDAMANS	3 82 8	3 82 8
XI	LOANS TO CORPORATIONS	12 00 0	12,00 0
XII	MISCELLANEOUS	17,74 4	6,50 0
	GRAND TOTAL	2,068,78 1	1,240,54 3

* The outlay of Rs 250 crores is additional to the estimated expenditure of Rs 150 crores to cover the current depreciation of assets in the period of the Plan

** Includes lump sum provision of Rs 50 crores for basic industries and transport and programme for mineral exports

† This includes Central grants amounting to Rs 3 crores, in addition, about Rs 9 crores are likely to be available by way of grants from the Central Government under Article 275(1) of the Constitution

TARGETS

The following figures will show how the outlay will add to the production potential of the community in various spheres

	(Rs Crores)
(1) Outlay which will add to the stock of productive capital owned by Central and State Governments	1,199
(2) Outlay which will contribute to building up productive capital in the private sector	
(a) Expenditure on agriculture and rural development (excluding community projects and provision for scarcity affected areas)	244
(b) Loans for transport and industry	47
(c) Provision for stimulating local development (community projects and local works)	105
(3) Outlay on social capital	425
(4) Outlay unclassified above (including provision for scarcity affected areas)	49
TOTAL	2,069

The table below shows the targets set together with figures for 1950 51

	1950–51	1955–56
I AGRICULTURE		
Food grams including gram and pulses (million tons)	52 7	61 6
Cotton (lakh bales)	29 7	42 2
Jute (lakh bales)	33 0	53 9
Sugarcane (million tons)	5 6	6 8
Oilseeds (million tons)	5 1	5 5
II IRRIGATION AND POWER		
Irrigation (million acres)	50 0	69 7
Electrical energy (installed capacity in million kws)	2 3	3 5
III INDUSTRY		
Iron and Steel (lakh tons)		
Pig Iron available for foundries	3 5	6 6
Finished Steel	9 8	13 7
Cement (lakh tons)	26 9	48 0
Aluminium (thousand tons)	3 7	12 0
Fertilsers (thousand tons)		
Ammonium sulphate	46 3	450 0
Superphosphate	55 1	180 0
Locomotives (nos)		150
Machine tools (nos in thousand)	1 1	4 6
Petroleum refining , liquid petroleum (million gallons)	N.A	403 0
Bitumen (thousand tons)	N A	37 5
Cotton manufacture		
Yarn (million lb)	1179	1640
Mill cloth (million yards)	3718	4700
Handloom (million yards)	810	1700
Jute manufacture (thousand tons)	892	1200
Agricultural machinery		
(a) pumps, power-driven (thousand)	34 3	85 0
(b) diesel engines (thousands)	5 5	50 0
Bicycles (thousands)	101 0	530 0
Power alcohol (million gallons)	4 7	18 0
IV TRANSPORT		
Shipping (tonnage)		
Coastal (G R T thousands)	211 0	315 0
Overseas (G R T thousands)	173 5	283 0
Roads		
National Highways (thousand miles)	11 9	12 5
State Roads (thousand miles)	17 6	20 6
V EDUCATION*		
Pupils in		
Primary schools (lakhs)	151 1	187 9
Junior basic schools (lakhs)	29 0	52 8
Secondary schools (lakhs)	43 9	57 8
Industrial schools (thousands)	14 8	21 8
Other technical and vocational training schools (thousands)	26 7	43 6
VI HEALTH		
Hospitals (beds in thousands)	106 5	117 2
Dispensaries (number)		
Urban	1358	1615
Rural	5229	5840
VII DEVELOPMENT INSTITUTIONS		
Panchayatas (thousands)	55 1	69 1
Co operative societies**		
Credit (thousands)	87 8	112 5
Sale and marketing (thousands)	14 7	20 7
Multi purpose (thousands)	31 5	40 5
Lift irrigation (Nos)	192 0	514 0
Co operative farming (Nos)	352 0	975 0
Others (thousands)	27 3	35 8
Total (thousands)	161 9	211 1

* These estimates do not cover (except in respect of industrial schools) Hyderabad, Rajasthan, Ajmer and Vindhya Pradesh In some cases, data for a few States (*e g* U P in respect of primary schools and Madhya Pradesh in the case of junior basic and secondary schools) are also not covered in these estimates

** The estimates here exclude data for Punjab, Orissa, Hyderabad, PEPSU and most of the Part " C " States

OUTLAY IN STATES

The following table shows the development expenditure for the States of Assam, Bihar, Bombay, Madhya Pradesh and Madras

(Rupees in lakhs)

	Head	Assam	Bihar	Bombay	Madhya Pradesh	Madras
	Agriculture	2,76 1	12,84 3	17,48 4	10,05 5	15,93 7
	Veterinary and Animal Husbandry	12 5	92 5	1,66 9	98 8	1,00 0
	Dairying and Milk Supply	—	1 5	6,02 1	36 9	50 0
	Forests	36 3	1,25 0	83 8	40 8	38 8
	Co-operation	29 3	39 0	1,23 2	28 8	1 00 0
	Fisheries	6 0	10 6	16 0	5 8	1 00 0
	Rural Development	39 3	1,24 7	1,31 5	1,65 9	2,00 0
I	AGRICULTURAL AND RURAL DEVELOPMENT (TOTAL)	3,99 5	16,77 6	28,71 9	13,82 5	21 82 5
	Multipurpose Projects	—	—	—	—	—
	Irrigation Projects	2,00 0	9,73 3	22 69 0	3 08 0	34,08 0
	Power Projects	83 0	7,08 7	10,43 0	6,00 0	50 24 0
II	MAJOR IRRIGATION AND POWER PROJECTS (TOTAL)	2,83 0	16,82 0	33,12 0	9 08 0	84 32 0
	Cottage Industries	2,50 0	59 2	1,03 1	9 2	1 16 9
	Other Industries	—	60 0	2,50 6	2,26 2	85 1
III	INDUSTRY (TOTAL)	25 0	1,19 2	3 53 7	2,35 4	2 02 0
	Roads	2,13 0	8,00 0	11 63 6	2,00 0	5,00 0
	Road Transport	31 9	—	2,00 0	—	—
	Ports and Harbours	—	—	25 0	—	—
IV	TRANSPORT (TOTAL)	2,44 9	8,00 0	13,88 6	2,00 0	5 00 0
	Education	89 9	5 70 4	46 11 1	10 79 3	8,00 0
	Medical	1 73 5	4,03 9	5,36 4	2 67 9	3 00 0
	Public Health	17 8	1,96 0	11,16 7	78 2	9 00 0
	Housing	—	1,00 0	77 2	20 0	3 00 0
	Labour and Labour Welfare	6 0	20 0	1,62 3	0 5	—
	Amelioration of Backward Classes	5,09 6	1,60 0	2,13 6	1 36 4	4 67 6
V	SOCIAL SERVICES (TOTAL)	7,96 8	14,50 3	67,17 3	15 82 3	27 67 6
VI	MISCELLANEOUS	—	—	—	—	—
	GRAND TOTAL	17 49 2	57 29 1	146 43 5	43 08 2	140 84 1

The following table shows the development expenditure for the States of Orissa, Punjab, Uttar Pradesh, West Bengal and the total for Part A States

(Rupees in lakhs)

	Head	Orissa	Punjab	Uttar Pradesh	West Bengal	Total for Part A States
	Agriculture	2,05 5	2,10 7	20 95 9	6 88 1	91 08 2
	Veterinary and Animal Husbandry	52 8	22 0	1,34 1	74 7	7,54 3
	Dairying and Milk Supply	9 2	—	20 6	50 0	7,70 3
	Forests	13 1	18 0	1,65 2	78 8	5,99 8
	Co operation	28 9	11 8	1 30 7	-	4,91 7
	Fisheries	33 4	—	6 2	1,54 5	3 32 5
	Rural Development	10 0	—	—	3 0	6 74 4
I	AGRICULTURE AND RURAL DEVELOPMENT (TOTAL)	3,52 9	2,62 5	25 52 7	10,49 1	127 31 2
	Multipurpose Projects	—	—	—	—	—
	Irrigation Projects	3 00 0	3,26 2	19,12 0	15 37 8	112,34 3
	Power Projects	3,91 0	38 2	14,11 0	75 8	93,74 7
II	MAJOR IRRIGATION AND POWER PROJECTS (TOTAL)	6,91 0	3,64 4	33,23 0	16,13 6	206,09 0
	Cottage Industries	27 6	48 1	3,01 5	74 3	7,64 9
	Other Industries	65 3	15 5	2 80 7	42 4	10 25 8
III	INDUSTRY (TOTAL)	92 9	63 6	5,82 2	1,16 7	17,90 7
	Roads	2,00 0	75 1	5,22 4	13,85 1	50,59 2
	Road Transport	20 0	—	1,20 0	1,90 5	5,62 4
	Ports and Harbours	1 0	—	—	—	26 0
IV	TRANSPORT (TOTAL)	2,21 0	75 1	6,42 4	15 75 6	56 47 6
	Education	1,79 5	1,18 0	16,03 8	8,08 1	98,60 1
	Medical	78 7	73 9	3,49 8	12,10 2	33,94 3
	Public Health	46 4	50 1	2,46 1	3 04 7	29,56 0
	Housing	—	11 3	1,45 2	2,23 4	8,77 1
	Labour and Labour Welfare	1 9	1 8	1 01 5	—	2,94 1
	Amelioration of Backward Classes	1,16 4	—	2,36 2	8 3	18,48 1
V	SOCIAL SERVICES (TOTAL)	4,22 9	2,55 1	26,82 6	25,54 7	192,29 6
VI	MISCELLANEOUS	3 5	1,00 0	—	—	10,03 5
	GRAND TOTAL	17,84 2	20,20 7	97,82 9	69,09 7	610,11 6

PART B STATES

The following table shows the development expenditure for Hyderabad, Madhya Bharat, Mysore, and PEPSU

(Rupees in lakhs)

	Head	Hyderabad	Madhya Bharat	Mysore	PEPSU
	Agriculture	3,46 4	7 50 0	4,43 0	3,64 9
	Animal Husbandry	49 6	50 0	53 8	10 0
	Dairying and Milk Supply	1 7	—	—	—
	Forests	21 4	50 0	8 3	43 6
	Co operation	35 3	25 0	7 1	15 0
	Fisheries	8 6	10 0	2 2	2 4
I	AGRICULTURL AND RURAL DEVELOPMENT (TOTAL)	4,63 0	9,45 0	5,95 5	4,35 9
	Multipurpose Projects	—	—	—	—
	Irrigation Projects	24 79 0	3 28 0	7 16 0	14 0
	Power Projects	3,20 6	2 28 0	12,68 0	30 6
II	MAJOR IRRIGATION POWER PROJECTS (TOTAL)	27,99 6	5 56 0	19 84 0	64 6
	Cottage Industries	25 7	50 0	1 35 4	4 4
	Other Industries	2,68 7	5 0	34 8	27 3
III	INDUSTRY (TOTAL)	2,94 4	55 0	1,70 2	31 7
	Roads	1,28 6	1 89 0	3 20 1	95 1
	Road Transport	—	—	—	—
	Ports and Harbours	—	—	—	—
IV	TRANSPORT (TOTAL)	1 28 6	1,89 0	3 20 1	95 1
	Education	2 63 5	2 00 0	2 25 6	89 9
	Medical	1 17 7	77 0	56 5	56 0
	Public Health	88 2	1 21 2	1,58 3	29 0
	Housing	—	14 4	50 0	2 0
	Labour and Labour Welfare	—	4 4	—	
	Amelioration of Backward Classes	—	80 0	100 0	10 0
V	SOCIAL SERVICES (TOTAL)	4,69 4	4 97 0	5,90 4	1 86 9
VI	MISCELLANEOUS	—	—	—	—
	GRAND TOTAL	41 55 0	22 42 0	36 60 2	8 14 2

The following table shows the development expenditure for Rajasthan, Saurashtra, Travancore-Cochin Jammu and Kashmir and the total for Part B States

(Rupees in lakhs)

	Head	Rajasthan	Saurashtra	Travancore-Cochin	Jammu and Kashmir	Total for Part B States
	Agriculture	1,09 2	2,12 4	5,45 1	22 1	27 71 0
	Veterinary and Animal Husbandry	18 3	10 4	2 5	15 0	1,94 6
	Dairying and Milk Supply	—	1 6	—	—	3 3
	Forests	21 8	19 6	60 0	10 0	2,24 7
	Co operation	3 0	31 8	8 0	--	1,25 0
	Fisheries	—	34 7	15 0	—	72 9
	Rural Development	15 0	2,16 1	—	—	3 72 2
I	AGRICULTURE AND RURAL DEVELOPMENT (TOTAL)	1,67 3	5,26 6	6,30 6	47 1	37,63 9
	Multipurpose Projects	—	—	—	—	—
	Irrigation Projects	5,03 6	4,74 6	4 78 0	3 66 7	50 13 2
	Power Projects	40 8	2,12 5	10,35 0	74 9	31,35 5
II	MAJOR IRRIGATION AND POWER PROJECTS (TOTAL)	5,44 4	6,87 1	15 13 0	4,41 6	81,48 7
	Cottage Industries	38 5	13 9	89 0	31 2	3,56 9
	Other Industries	—	0 9	15 8	50 6	3,52 5
III	INDUSTRY (TOTAL)	38 5	14 8	1,04 8	81 8	7,09 4
	Roads	4,00 0	3,00 0	1,50 0	4,94 4	15,82 8
	Road Transport	1 0	53 0	42 0	—	96 0
	Ports and Harbours	—	33 0	30 0	—	63 0
IV	TRANSPORT (TOTAL)	4,01 0	3,86 0	2,22 0	4,94 4	17,41 8
	Education	2,63 5	1,64 9	20 0	46 0	12 27 4
	Medical	82 0	71 5	1,20 0	46 0	5,80 7
	Public Health	1,35 5	73 7	51 5	82 2	6,57 4
	Housing	2 0	9 1	10 0	12 0	87 5
	Labour and Labour Welfare	5 0	10 9	—	—	20 3
	Amelioration of Backward Classes	42 2	24 4	60 0	--	3,16 6
V	SOCIAL SERVICES (TOTAL)	5,30 2	3 54 5	2,61·5	1,86 2	28,89 9
VI	MISCELLANEOUS	—	72 0	--	48 9	72 0
	GRAND TOTAL	16 81 4	20 41 0	27 31 9	13 00 0	173,25 7

PART C STATES

The following table shows the development expenditure for Ajmer, Bhopal Bilaspur Coorg, Delhi and Himachal Pradesh

(Rupees in lakhs)

	Head	Ajmer	Bhopal	Bilaspur	Coorg	Delhi	Himachal Pradesh
	Agriculture	48 4	1,73 0	7 0	—	63 6	28 0
	Veterinary and Animal Husbandry	9 6	7 0	1 1	—	9 4	22 4
	Dairying and Milk Supply	—	—	—	1 0	4 9	—
	Forests	10 6	20 0	5 0	—	2 2	59 0
	Co operation	8 4	5 0	—	2 0	6 3	15 0
	Fisheries	—	2 0	—	—	2 6	1 0
	Rural Development	—	—	0 5	—	—	—
I	AGRICULTURAL AND RURAL DEVELOPMENT (TOTAL)	77 0	2 07 0	13 6	3 0	89 0	1 25 4
	Irrigation Projects	11 3	—	—	—	—	80 0
	Power Projects	-	27 9	—	35 0	—	13 5
II	MAJOR IRRIGATION AND POWER PROJECTS (TOTAL)	11 3	27 9	—	35 0	—	93 5
	Cottage Industries	—	5 0	0 5	—	7 3	23 0
	Other Industries	—	—	-	—	—	—
III	INDUSTRY (TOTAL)	—	5 0	0 5	-	7 3	23 0
	Roads	15 9	40 0	23 0	20 0	25 0	1,10 0
	Road Transport	—	—	2 0	—	2 16 0	10 0
	Ports and Harbours	—	—	—	—	—	—
IV	TRANSPORT (TOTAL)	15 9	40 0	25 0	20 0	2 14 0	1 20 0
	Education	15 0	30 0	10 0	10 0	2 59 8	36 8
	Medical	31 9	25 0	4 0	5 0	58 9	18 1
	Public Health	6 1	50 0	4 0	—	36 0	37 9
	Housing	—	—	—	-	55 0	
	Labour and Labour Welfare	—	—	—	—	1 0	—
	Amelioration of Backward Classes	—	5 0	—	—	-	—
V	SOCIAL SERVICES (TOTAL)	53 0	1 10 0	18 0	15 0	4 10 7	92 8
	GRAND TOTAL	1 57 2	3 89 9	57 1	73 0	7 48 0	4 54 7

The following table shows the development expenditure for Kutch, Manipur, Tripura, Vindhya Pradesh and the total for Part C States

(Rupees in lakhs)

	Head	Kutch	Manipur	Tripura	Vindhya Pradesh	Total for Part C States
	Agriculture	60 6	0 8	12 6	2,04 7	5 98 7
	Animal Husbandry	3 9	2 5	2 8	12 9	71 6
	Dairying and Milk Supply	—	—	—	1 5	7 4
	Forests	1 4	3 0	11 3	22 5	1 35 0
	Co-operation	3 5	—	1 1	7 0	44 3
	Fisheries	1 4	—	—	1 2	8 2
	Rural Development	—	—	—	—	0 5
I	AGRICULTURAL AND RURAL DEVELOPMENT (TOTAL)	70 8	6 3	27 8	2,45 8	8,65 7
	Irrigation Projects	91 0	—	—	—	1 82 3
	Power Projects	23 0	12 0	7 0	50 5	1 68 9
II	MAJOR IRRIGATION AND POWER PROJECTS (TOTAL)	1,14 0	12 0	7 0	50 5	3,51 2
	Cottage Industries	3 5	—	5 8	6 0	51 1
	Other Industries	—	—	—	—	—
III	INDUSTRY (TOTAL)	3 5	—	5 8	6 0	51 1
	Roads	58 3	81 3	1,28 0	1 25 9	6,27 4
	Road Transport	—	10 5	—	—	2 38 5
	Ports and Harbours	13 4	—	—	—	13 4
IV	TRANSPORT (TOTAL)	71 7	91 8	1,28 0	1,25 9	8,79 3
	Education	6 8	17 7	24 0	1,00 0	5 10 1
	Medical	26 0	6 0	11 7	36 0	2,22 6
	Public Health	10 0	21 0	3 0	60 0	2 28 0
	Housing	—	—	—	—	55 0
	Labour and Labour Welfare	—	—	—	—	1 0
	Amelioration of Backward Classes	2 5	—	—	15 0	22 5
V	SOCIAL SERVICES (TOTAL)	45 3	44 7	38 7	2,11 0	10,39 2
	GRAND TOTAL	3,05 3	1,54 8	2 07 3	6 39 2	31 86 5

INDUSTRIAL DEVELOPMENT

The following table gives the estimates of requirements and the sources of finances for investment —

	Rs in Crores		Rs in Crores
1 Investment in Public Sector	94	1 Invested directly	74
2 Investment in private sector on expansion etc	383	2 Foreign investment	100
3 Investment in working capital	150	3 Resources of domestic private industry	533
4 Current depreciation not covered by tax allowance	80	*a* Savings of corporate enterprises	200
		b New issues	90
		c Assistance from public sector	5
		d Industrial Finance Corporations	20
		e Refunds of Excess Profits Tax deposits	60
		f Banks and other sources of short term finance	158
Total	707		

PUBLIC SECTOR

Investment in the public sector may be broken up as follows —

	Rs in Crores
Projects directly under Central Government	83
Projects under State Governments	11 (includes Central loan 4 8)

There are also projects which involve participation of private capital, the contribution of private capital being about Rs 20 crores

	Rs in lakhs
Central Government	
Iron and Steel Project	30 00 0
Shipbuilding	14 08 0
Machine Tool Factory	9 63 8
Sindri Fertilizer Factory	9,03 0
Chittaranjan Locomotive Factory	4 73 0
Railway Coach Factory	4 00 0
Penicillin Factory	2 06 6
National Instruments Factory	1,82 0
Indian Telephone Industries	1,30 0
Hindustan Cables Ltd	1 29 7
Mandi Salt Works	1,00 0
Rare Earths Factory	54 0
D D T Factory	39 1
Existing Salt Works	50 0
Housing Factory	11 8
Other Projects	202 1
TOTAL	82,53 1
State Governments	
Mysore Iron and Steel Works	2,83 0
U P Govt Cement Factory	2,30 5
NEPA Mills	2,00 0
Sirsilk Ltd	2,00 0
Sirpur Paper Mills	60 0
U P Precision Instruments Factory	50 2
Bihar Govt Superphosphates Factory	41 1
Other Projects	65 0
TOTAL	11,29 8
GRAND TOTAL	93,82 9

PRIVATE SECTOR

	Rs in lakhs
Agricultural machinery	1,20
Aluminium	9 00
Automobile manufacturing	3,00
Ball and Roller Bearing	5,25
Cement	15,40
Cotton Textile	9,00
Fertilizers	2 10
Glass and Glassware	2 20
Heavy Chemicals	7 30
Iron and Steel	43 00
Machine Tool (Graded)	20
Matches	50
Paint and Varnish	50
Paper and Board	5,35
Petroleum Refining	64,00
Pharmaceuticals	350
Plywood	60
Power Alcohol	1,20
Railway Rolling Stock	2 50
Rayon	15 10
Soap	60
Sugar	10
Tanning and Footwear	60
Textile Machinery	1,50
Vanaspati	50
Vegetable Oil	60
Woollen Manufactures	50
Other Industries	38,00
TOTAL	233,30

VILLAGE INDUSTRIES

	Rs in lakhs
Village oil	2,83 10
Soap making with neem oil	18 10
Paddy husking	10 00
Palm Gur	1,00 00
Gur and Khandsari	1,00 40
Leather Industry	1,60 37
Woollen Industry	47 49
Hand-made paper	18 86
Bee-keeping	16 29
Cottage matches	20 60
TOTAL	7,25 23

Khadi and oil are to be financed by a cess on the mill-made articles

IRRIGATION

Irrigation—Rs 168 crores

Multi purpose irrigation and power projects—Rs 266 crores

Five new projects are to be taken up in the later stages (1954 55)

Kosi (Stage I)—Rs 66 lakhs, Koyna (Stage I)—Rs 33 lakhs, Krishna (scope not defined), Chambal (Stage I)—Rs 38 7 lakhs, Rihand—Rs 35 lakhs Total cost—Rs 200 crores, sum proposed to be spent during Plan—Rs 40 crores

TRANSPORT, COMMUNICATIONS

Total — Rs 497 10 crores

For railways, the programme is primarily one of rehabilitation Provision for new lines over five years is Rs 20 crores

For roads, out of a total of Rs 108 crores, a quarter is to be spent on national highways, the rest on State roads The provision includes a sum of Rs 2 crores for the Ganga Bridge to link north and south Bihar It is estimated 16,000 to 17,000 miles of village roads can be constructed through local effort

For ports, there is a provision for Rs 12 crores for Kandla Rs 8 crores for port facilities for oil refineries and Rs 12 crores as loan to port authorities for rehabilitation and modernization

For civil aviation, Rs 9 5 crores for purchase of new aircraft and compensation for existing air companies

SOCIAL SERVICES AND REHABILITATION

Social Services—Rs 339 81 crores

Rehabilitation—Rs 85 crores

Assistance to voluntary social welfare organizations—Rs 4 crores

Pre University education (Centre)—Rs 20 crores

Water supply and drainage (States)—Rs 39 crores

150,000 houses for industrial workers (six industries) —Rs 38 5 crores

Development of Scheduled Tribes (in addition to Rs 29 crores)—Rs 9 crores (by way of Central grants)

Community Development Projects	Rs 90 crores
National Extension Service	,, 3 ,,
Local Development Works	,, 15 ,,
Relief Activities in scarcity areas	,, 15 ,,
Rural electrification	,, 27 ,,

Out of a total grant of Rs 15 crores for promoting local development works three crores were provided for 1953-54 Out of this 2 5 crores were distributed as follows —

Assam Rs 6 30 lakhs, Bihar Rs 28 20 lakhs, Bombay Rs 25 20 lakhs, Madhya Pradesh Rs 14 90 lakhs, Madras Rs 40 20 lakhs, Orissa Rs 10 30 lakhs, Punjab Rs 8 90 lakhs, Uttar Pradesh Rs 44 30 lakhs, West Bengal Rs 17 40 lakhs, Hyderabad Rs 13 10 lakhs, Mysore Rs 6 35 lakhs, PEPSU Rs 2 40 lakhs, Rajasthan Rs 10 70 lakhs, Saurashtra Rs 2 90 lakhs, Travancore-Cochin Rs 6 50 lakhs Ajmer Rs 50,000, Bhopal Rs 60,000, Bilaspur Rs 10,000, Coorg Rs 15,000, Delhi Rs 1 20 lakhs, Himachal Pradesh Rs 70,000, Kutch Rs 40,000, Manipur Rs 40,000, Tripura Rs 40,000 and Vindhya Pradesh Rs 2 50 lakhs

The balance of Rs 50 lakhs was reserved for grants to be made by the Ministry of Finance on the advice of the Planning Commission

Out of the Local Development Works grant for 1953 54 Rs 20 lakhs were allotted for student voluntary works and the running of youth camps

SOME EXPECTED RESULTS

National income 1950-51—Rs 9,000 crores

National income at end of Plan—Rs 10,000 crores

Increase in national income—11 per cent

Additional salaries and wages (1955-56)—Rs 134 crores

The estimates of net output in 1955-56 in rupees hundred crores on the basis of 1948 49 prices is given below

	1948-49	1955-56
Agriculture—		
1 Agriculture, animal husbandry and ancillary activities	40 7	47 9
2 Forestry	0 6	0 6
3 Fishery	0 2	0 3
	41 5	48 8
Mining, Manufacturing and Hand trades—		
4 Mining	0 6	0 8
5 Factory Establishment	5 0	6 8
6 Small enterprises	9 4	10 6
	15 0	18 2
Commerce, Transport and Communications—		
7 Communications (Posts, telegraphs & telephones)	0 3	0 4
8 Railways	1 8	2 3
9 Organized Banking and Insurance	0 5	0 6
10 Other Commerce and Transport	14 4	15 4
	17 0	18 7
Other Services—		
11 Professions and liberal arts	3 2	3 4
12 Government services (administration)	4 6	5 1
13 Domestic service	1 5	1 5
14 House Property	4 5	4 8
	13 8	14 7
Net Domestic Product	87 3	100 4
Net Earned Income from Abroad	—0 2	—0 4
NATIONAL INCOME	87 1	100 0

A review of the progress of the Plan during the two years 1951 53 was presented to Parliament by the Minister for Plannings, Irrigation and Power in May 1953 The more important points of the review are given below

The total expenditure on the Plan during the first two years amounted to Rs 585 crores, as against the planned outlay for the entire period of Rs 2 069 crores Thus over 70 per cent of the expenditure was to be incurred during the remaining three years During the period, the Central assistance to the State Governments amounted to Rs 71 7 crores

Industrial production went up by about 15 to 20 per cent over the level of 1950 51 The industries which recorded an increase in production were cotton textiles cement, iron and steel, paper and paper board, sewing machines, bicycles rayon and jute goods

Additional area irrigated by major projects, 1 42 million acres, New power generated 315,000 kW

Increase in the production of agricultural crops since 1951 was—jute 14 lakhs bales, cotton 3 9 lakh bales, sugarcane 0 3 million tons, and food grains 1 15 million tons Agricultural acreage has increased by six million acres

Fifty eight locomotives were produced at the Chittaranjan Works, where as from January 1953, 70 per cent of the component parts of locomotives were being produced

Railway coaches manufactured in 1951 52 numbered 643 Between April 1951 and December 1952, 8,000 railway wagons were also manufactured

Additional coastal shipping tonnage of 77,000 tons was acquired and six ships were built at the Vishakapatnam shipyard

An aggregate length of 380 miles of national highways and strategic roads was constructed and 1 050 miles of existing roads were improved Seven large bridges were constructed

Important State industries which went into production were the Sindri Fertiliser Factory, the Chittaranjan Locomotive Works the Indian Telephone Factory, the Indian Rare Earths Ltd, the new mint at Alipore, the Machine Tool Prototype Factory and the Ambernath (Defence Industry) Factory

Fifty-five community projects were started in October 1952, and a comprehensive national extension service scheme, covering 120,000 villages was also formulated

SPECIAL GRANT FOR EMPLOYMENT

In October 1953 it was decided to increase the expenditure on the Five-Year Plan by Rs 175 crores for financing new specific schemes, which will simultaneously expand employment potential and check growing unemployment in the country

It was also decided that the programme of rehabilitation of displaced persons should be extended to the full planning period instead of ending it in 1953-54

The Deputy Chairman of the Planning Commission, Mr V T Krishnamachari, who addressed the Council before it adjourned, urged the States to tap all possible sources for raising additional funds, including betterment levies, enhancement of water rates and floating of loans for accelerating economic development

Positive action towards relieving unemployment was to be taken on the following lines

1 Establishment of Industrial Finance Corporations in States, 2 Central assistance to States for initiating schemes to end chronic scarcity, 3 Grants for road building activities and execution of small power projects, and 4 Expansion of technical training facilities

A communication was sent to the States indicating clearly the nature of the schemes which would be considered eligible for inclusion under the expanded programme These schemes were to be strictly related to the Plan and were also to be capable of producing results within the planning period

The break up of this investment was Rs 45 crores for extending the rehabilitation programme for the remaining period of the Plan under which refugee townships would be developed, Rs 10 crores for a road programme and Rs 15 crores for port, health, education and housing schemes

The road programme was initiated while the housing scheme was already under way

The additional investments totalled Rs 70 crores

In respect of States, new schemes to introduce permanent improvements in scarcity areas in 12 States and to raise the purchasing power of the people in these areas would cost Rs 35 crores

For these purposes, the Centre was to give the States 50 year loan of Rs 40 crores bearing no interest for the first five years

Other items are Rs 5 crores for setting up State Finance Corporations and assistance to small scale and cottage industries, Rs 2 5 crores for installing thermal power sets in small towns

CENTRAL ASSISTANCE IN THREE YEARS

The Central Government, in the first three years of the Five-Year Plan period, gave assistance to the States to the extent of Rs 27 61 crores in the shape of grants and Rs 250 crores by way of loans for the execution of the Plan

Grants were divided into seven categories

They are, food production, community projects, basic and social education, cottage and small-scale industries, assistance under Article 275 (1) of the Constitution, natural calamities and special development grants for Part "B" States

The amount paid to Part "A" States on this account was Rs 1,030 lakhs, Rs 118 lakhs, Rs 4 lakhs, Rs 7 lakhs, Rs 539 lakhs and Rs 280 lakhs, respectively making up a total of Rs. 1,980 lakhs

A sum of Rs 780 lakhs was distributed as grants to Part "B" States under the same seven categories of assistance

So far as assistance from the Centre to deal with natural calamities was concerned, Assam received Rs 49 lakhs, Bihar Rs 111 lakhs, Madras Rs 72 lakhs, West Bengal Rs 40 lakhs and Saurashtra Rs 30 lakhs

A large portion of the Central loans to States amounting to Rs 250 crores was for river valley projects

Part "A" States received loans aggregating Rs 213 crores, of which river valley projects accounted for Rs 114 crores and Rs 42 crores went for development schemes

Further, Rs 29 crores were given for rehabilitation purposes, Rs 22 crores for minor irrigation, Rs 2 crores for industrial housing, Rs 48 lakhs for community projects and Rs 2 crores for natural calamities

Part "B" States received an aggregate loan of Rs. 87 crores

Punjab, where the Bhakra Nangal project is in execution, was the largest recipient of Central loans, amounting to Rs 62 crores (Rs 54 crores for river valley works)

West Bengal, with the D V C, came next, receiving a loan of Rs 48 crores and Orissa with the Hirakud Project received Rs 31 crores

The total revenue receipts in Part "A" States were in 1951 52 Rs 315 6 crores in 1952 53 Rs 336 90 crores and in 1953 54 Rs 350 5 crores

So far as Part "B" States are concerned, the aggregate revenue was Rs 106 70 crores, Rs 110 91 crores and Rs 115 29 crores, respectively

In the three years of the Plan period the total State revenue receipts were Rs 1,335 crores

While direct Central assistance loan and grants amounted to Rs 300 crores, according to the Schedule, the resources expected to be raised by the States fell short of the targets

PROJECTS UNDER FIVE-YEAR PLAN*

THE following is a list of the projects under the Five Year Plan given State wise The first figure in brackets gives the total cost in lakhs of rupees, and the second figure the investment under the Plan in lakhs of rupees

CENTRAL GOVERNMENT (284,27 , 173,82)

Bhakra Nangal (132,90), Harike (13,80), Damodar Valley (74,98), Hirakud Dam (62,59) Investigations (2,83)

The five year investment is as follows Bhakra —77 50 Harike—10,62, Damodar—41,70, Hirakud—44,00

ASSAM (2,85 ; 283)

Navigation, embankment, drainage (1,00, 1,00), Protection of Dibrugarh (1,00 , 1,00) Umtru Hydro Electric (85 , 83)

BIHAR (25,34 , 16,82)

The following are the irrigation projects — Three hundred tube wells in north Bihar (1 83, 1,74), Tube wells in south Bihar (1,48 , 8), Drainage flood protection (3,75 , 1 18), Sakri Tower Valley (45 10) Triveni Canal Extension (28 , 23), Emergency Pumping (93 , 93), Three hundred tube wells in sugar factory areas (1,61 , 1,61), Sakri Upper Valley Irrigation (93 53), Further 200 tube wells in south Bihar (98 , 98), Irrigation dams and weirs in hilly districts (2 00 , 1 , 8)

The following are the power projects —P B B E B Emergency Tube wells Scheme (84 , 61), Dehri Sasaram lift irrigation and electrification (67 , 54) Gaya electric supply (80 64), Hazari bagh electric supply (33 , 28) Kodarma and Mica Mines electrification (46 4), Coal mines area electrification (3,97 1,50) Taking over of derelict electric supply (33 , 18), Giridih electric supply (— , 18), Giridih Madhopur Jasidih electric supply (27 , 27), North Bihar tube wells and electrification (1,77 1,71) Buxar tube wells and electrification (47 27) Thermal power station in north Bihar (1,10 , 46)

BOMBAY (39,77 , 33,12)

The following are irrigation schemes — Ganapur Storage (3 34, 2 34) Ghatprabha Left Bank Canal (5 45, 4,4) Mahi Right Bank Canal (4 25 , 4 01), Ramand Tank (2 19), Kolchi Weir (11 7) Tower Tapi Valley Stage I (12 16 , 11 1) Revised estimates for Rs 29 11 lakhs are under examination

The following are power schemes Radha nagari Hydro Electric (2,07 , 85), Kolhapur emergency irrigation and city conversion (29 , 17) Jog distribution (2 13 2,13), Chola Power Station (2,95 , 2 67), North Gujarat Electric Grid (2 51 , 1,61) South Gujarat Electric Grid (3 21 2 30), Electrification of towns, villages (96 , 70)

MADHYA PRADESH (17,53 , 9,08)

The following are irrigation schemes —Areetank in Chindwara (32 18) Gangalpara (30 30) Bargoor (22 22) Gondh (75 , 65) Dudhwa (1 50 , 1,13), Sampna (30 , 30), Dukrikhera (30 , 50)

The following are power schemes —Central Thermal Station at Nagpur (4,85 96), Distribution (36 35), Akola Power Distribution (3,71, 218) Gondia extension (33 26) Northern Grid Jabalpur Katni (55 41), Raipur Pilot Station (84 , 32) Power Station, Ballarpur (2,00 , 1,34), Pench Valley Scheme (55) Others (65 , 13)

MADRAS (127,41 , 84,32)

The following are irrigation schemes —Lower Bhavani (9,61 4 94), Malampuzha Reservoir (3,80 , 3,02), Mettur Canal (2,45 , 2,27), Rallapad 2nd stage (58 50), Pomperu Drain (96 41) Cauvery Delta Drainage (30 2), Manimuthar Project (3 98 , 3,92) Upper Pennar Project (84, 84) Bhiravanitippa Project (1 02 , 102), Aranlar Scheme (95 95) Walayar Scheme (1,00 , 100), Mangalam Reservoir (45 45) New G M F Scheme in charge of P W D (4,04 , 3,35), Tungabhadra (19,70 , 11,40)

The following are power schemes —Moyar Hydro Electric Scheme (4 64 , 1,41), Pykara 3rd stage extensions (4 89 2 08), Papanasam 2nd stage extensions (3,36 1,99) Machkhund Hydel Scheme (6,82 4 32), Machkhund Transmission Lines (8,03 , 4 5), Madras Plant Extensions (10 43 , 7,71), Nellore Thermal Scheme (1,01 , 41), Madras Mettur Interconnection (2 18 , 95), Transmission line and distribution (23,93 17,39), Tungabhadra Hydel Scheme (7 94 , 6 43), Acquisition of electrical undertakings (4,50 , 3,00)

ORISSA (12,76 , 6,91)

The following are irrigation schemes —Minor Irrigation (4 02 , 3,00)

The following are power schemes —Daduma Transmission Scheme (2,64 81), Rural Electrification Scheme (50 1 90), Others (91 , 43) Daduma Hydro electric (Orissa s share) (3,26 , 1,84) Hirakud Power Utilization Scheme, 1st stage (1,43 , 64)

PUNJAB (4,91 , 3,64)

The following are irrigation schemes —Dera Babananak Tube well Scheme (12 , 12) Ahwala Tube well Scheme (10 , 10), Extension of irrigation to arid areas of Jandiala and Gurdaspur Division of U B D C from main line (15 , 1) Excavation of new distributary of Kasur Branch (24 , 17) Kiran Nallah (16 14), Raising banks of channels and giving temporary shoots during Kharif (1,1 89), Jagadhari Tube well Scheme (1,33 88) Other schemes (1,07 , 81)

The following are power schemes —Jagadhri Tube wells Scheme (59 , 38)

UTTAR PRADESH (78,74 , 33,21)

The following are the irrigation schemes — 600 State tube wells in Western Districts (1 80 33) 50 additional tube wells in P W Circle (P) (17 10) 200 additional tube wells in P W Circle (W) (71 , 56), 100 State tube wells in Gorakhpur, Basti and Deoria Districts (30 , 12) Extension of pucca lining on tube well guls (1 91 , 1,51) 440 State tube wells in the Districts of Shahjehanpur Sitapore etc (2,30 , 2 09), 803 miles of extension of Sarda canal (49 , 11) 1 062 miles of extension of Sarda canal (90 , 52) Pratapgarh Branch (50 , 37), Trans Kalyani project (60 50) Supra Dam (71 , 26) Belan and Tons canals (1 93 1 83) Kabrai lake (19 , 14) Construction of 5 293 State tube wells (26,49 , 5 00) Lining, irrigation channels guls and canals (90 20), Reservoirs and Bundhis and canal systems including Majhgawar in southern Uttar Pradesh (7 33 , 500), Contour guls and small channels in Hill Districts (90 , 27), Other schemes (1 31 , 22)

The following are the power schemes — Mohammadpur Station (1,30 , 31), Sarda Power House (6,74 , 3,43), Pathri Power House (2,59 , 2,31), Gorakhpur Power House (48 , 16), Ganga Transmission lines (1 00 , 70), Sarda Transmission lines (4,37 , 3 22), Eastern Area Power Station (4 57 1,66), Kanpur Electric Supply administration (7,41 , 1,97) Small Hydel schemes in Hill Districts (60 , 20), Sohawal Power House (24 , 8)

WEST BENGAL (20,74 ; 16,13)

The following are the irrigation schemes — Mayurakshi (15 50 , 12 44) Suvankar Damra (13 , 10) Sonarpur Arrah (1,05 , 1,05), Bagjale Ghuni Jantragachi (99 , 99), other schemes (1,74 , 80)

The following are the power schemes —North Calcutta rural electrification scheme (1,08 61), Appointment of Power Engineer Scheme (16 , 10), other schemes (9 , 5)

HYDERABAD (40,07 , 28,00)

The following are the irrigation schemes — Tungabhadra (23,04 17 09), Rajolibunda (4 30 , 3 14) Godavari First Phase (4,41 , 3,59), Koilsagar (67 47), Sarlasagar (21 , 15), Bendsura (54 , 30), Khasapur (32 31) Minor Irrigation (70 , 70), Bhimanpally (8 , 61)

The following are the power schemes — Nizamsagar Hydro Electric Project (1,75 59) Tungabhadra Hydel (1st phase—Civil Works) (50 , 48), Ramgundam Thermal (3,50 2 14)

JAMMU AND KASHMIR (4,97 , 3,61)

The following are the irrigation schemes — Sindh Valley Irrigation (78 , 63), Land Reclamation Works (25 , 14), Other Schemes (37 35) Remodelling Pratap Canal (40 20) Vishow Canal (25 , 25), Ferozepur Nallah (14 4), Kharbutang Canal (12 , 9), Extension of Zamugar Canal (12 , 2), Remodelling of Tar and Dibb Kuhls and Sindh River (13 , 4) Mawar Canal (11 , 6), Doda Canal (10 , 3) Romushi Canal (10 10), Narvaw Canal (10 4) Other schemes (13 , 7)

The following are the power schemes — Sindh Hydro electric project (1st stage) (1,03 , 93), Transmission line to Jammu from Joginder nagar (28 , 26) Transmission and distribution to Kandi area (37 , 18), Other schemes (18 18)

MADHYA BHARAT (6,13 , 556)

The following are the irrigation schemes — Mohi Bassiya and Bashkan dam (44,44) Borad (80 , 80) Minor irrigation works (2,15 , 2 04)

The following are the power schemes —Central Power House at Indore, Installation of 3,000 kW reconditioned plant at Indore H T from Indore and remodelling lines at Ujjain (1,76, 141) Extension of power plant and remodelling of mains at Gwalior (55 , 48), Rural electrification (17 , 17), Others (26 , 22)

MYSORE (47,36 , 19,84)

The following are the irrigation schemes — Constructing a Reservoir across the Bhadra River near Lakkavalli (20,00, 1 80), Anicut across Tunga River near Sakrebyle (2 00, 1 49), Reservoir across Nugu River (2 20 , 1 90), New tank across Junigehalla (21, 12) Normal expenditure of Krishnarajasagar and allied works in Visweswarayya Canal area (50 50), Reservoir across Salur Halla at Ambligola (18 16), New tank across Suvarnamukhi River at Kariyala (20, 20), Other schemes (1,78 93)

The following are the power schemes —Normal Capital Works (3,20 , 3,20), Mahatma Gandhi Hydro Electric Works (8,33 , 8), Frequency Conversion (30 30), Shimsha Extension (3,20 , 3,11), Extension of transmission lines (1,63, 1,63), Installation of Stepdown Station (1 16 , 1,16), Distribution (2,02 , 2,02), Power supply to irrigation pumping sets (40 , 40), Others (survey of projects) (3 , 3)

PEPSU (2,36 ; 64)

The following are the irrigation schemes — Remodelling of canals (16 , 14), Others (2 , 20)

The following are the power schemes — Electrification of Pepsu towns (2,00 , 30)

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* The investment does not necessarily meet the total cost Nor does it follow that the projects listed below will be completed before the end of the plan period

Also, Madras includes Andhra

RAJASTHAN (11,24 , 5,45)

The following are the irrigation projects — Jawai Project (3,23 , 2 03) , Parbati Irrigation Project (50 50) , Gudha Irrigation Project (34 , 34) Kali Sill Project (16 , 16) , Other projects (8 , 2,00)

The following are the power projects —Power project (53 , 41)

SAURASHTRA (13,64 ; 6,88)

The following are the irrigation schemes — Ranghola (62 28) Machu (1,25 , 13) , Brahmani (1,00 80) , Sashoi (76 , 58) , Ghee (23 , 15) , Puna (16 , 13) , Surajwadi (29,16) , Moj (81 , 78) , Bhimdad (23 , 23) , Malan (12 38) , Aji (80 , 58) , Bhogava (50 , 30) , Ozat (90 , 10) Shetrunji and Bhadar (3 00 , 1) , Lift irrigation (6 , 6)

The following are the power projects — Establishment of thermal stations (2,62)

TRAVANCORE-COCHIN (23,80 , 15,13)

The following are the irrigation schemes — Peechi (1,73 1 10) , Chalakudy (1 20 98) , Perunchani (68 26) , Wadakkancheri (49 , 44) , Vembanad (80 80) , Neyyar Scheme (1,20 , 1 20)

The following are the power schemes — Palliwasal 2nd stage (2 30 1,60) , Sengulam Hydel (3,25 , 1 85) , Poringalkuthu Left Bank (260 , 1,35) , Transmission and Distribution (9,55 , 5 55)

PART 'C' STATES

AJMER Irrigation Schemes (11 , 11)

BHOPAL Bhopal Electric Power Extension Scheme (28 , 28)

COORG Bulk Purchase of Power from Mysore (35 , 35)

KUTCH Major irrigation works including wells (91 , 91) , Power Project Acquisition of Electricity Undertakings (11 11) Rural Electrification (12 , 12) Total (114 , 114)

MANIPUR Hydro-electric scheme (12 12)

TRIPURA Nationalisation of Electric Supply Company, Agartala (7 , 7)

VINDHYA PRADESH Power project (51 51)

HIMACHAL PRADESH Medium irrigation projects (80 80) , Power installation of Hydel Plants in Mandi, Chamba and Mahasu and extension of electricity from Mandi to Sundarnagar (13 13) Total (93 93)

COMMUNITY DEVELOPMENT PROJECTS

IT is proposed that during the Plan period 1951 56 the Community Development Projects (also called the National Extension Service) should cover one fourth of the country's villages

This means the initiation of work on 1,200 Community Development Blocks

Each Block would comprise 100 villages covering about 160 sq miles a cultivated area of about 90,000 acres and a population of about 66 000

Work on 55 projects (each is about four and a half times the size of a Block) started on Oct 2, 1952 They covered about 1,600 villages with a total population of 12 millions and a land area of 15 million acres (For list and location see below)

In December 1952 a supplement to the first operational agreement was signed, whereby 55 new Development Blocks were to be started (For list and location see below)

The two together are regarded as being equivalent to about 300 Development Blocks

The estimated expenditure on each Block is Rs 45 lakhs

The programme for the rest of the National Extension Service (900 Blocks) will be as follows

1953 54—180
1954 55—270
1955 56—450

It is proposed that out of these 900 Blocks 400 should be selected for intensive development on the lines of the Community Projects The programme proposed is as follows

1954 55—150
1955 56—250

It is estimated that there would be about four Blocks in each district in a State out of which one or more would be selected for intensive development

Generally speaking a project is to be completed in three years, the period being broken into five stages conception, three months, initiation six months, operation 18 months' consolidation, 6 months and finalization, 3 months

The majority of the development Blocks are under the Community Projects Administration (CPA), the rest of the Blocks and the training centres for the staff are under the Ministry of Food and Agriculture

COST

Total cost of programme—Rs 156 2 crores
Share of Centre—Rs 107 2 crores
Share of States—Rs 27 0 crores
Loan for short term credit—Rs 27 0 crores
Total cost during Plan period—Rs 101 6 crores
Share of Centre during Plan period—Rs 73 3 crores
Share of States during Plan period—Rs 18 0
Loans for short term credit—Rs 15 3 crores
Recurring expenditure—Rs 21 7 crores
Non-recurring expenditure—Rs 21 crores
Cost of single Development Block for 3 years—Rs 7 5 lakhs
Share of Centre—Rs 3 25 lakhs
Share of State—Rs 1 25 lakhs
Short term loans —Rs 3 lakhs
Cost of single Intensive Development Block for 3 years—Rs 15 lakhs
Share of Centre —Rs 12 07 lakhs
Share of State—Rs 2 93 lakhs
Allotment under Five Year Plan—Rs 90 crores
American contribution under Technical Co operation Programme (1952 and 1953)—$10 596 000
American contribution (Ford Foundation) for 1952 and 1953—$3 023,000
(For more details about costs see below)

TYPES OF PROJECT

Development projects will be of three main types First of all there are envisaged the so called "basic community development projects, consisting of 300 villages and some 200 000 villagers, in which the primary emphasis will be on raising agricultural production, with some work on public health and sanitation education and road building The smaller basic development ' blocks ' consisting of 100 villages will have exactly the same programme and the same emphasis on agricultural improvement

All except 5 Development Blocks in West Bengal are of this type

Second, there are to be the so-called "composite" development projects and blocks, in which emphasis will be on development of small industries as well as on agricultural production The industry phase of these "composites it is proposed, will be patterned after the industry development project in Nilokheri and Faridabad

There are 8 blocks of this type, all in West Bengal

The third main type of project is a training centre for instructing village workers Each of these centres would be located either in or nearby rural development areas to permit the students practical on the job training in the villages

Substantially the proposed programme aims at these objectives in each village two surface wells or other facility per village to assure a safe, clean drinking water supply , tube wells for irrigation in those areas where tube wells can be sunk (approximately a tenth of the proposed projects are in tube well areas) , in other areas, assistance to canal, tank and well construction for irrigation purposes, with the proposal that at least half the land in each village be given improved irrigation , reclamation of culturable waste land where feasible , sanitary services plus improvement of village drainage as a sanitation measure , improvement of roads to link village to village , and facilities for primary and adult education

Included in the plans for each project and block is the development of a Mandi unit for each 15 to 25 villages where one does not already exist Under present proposals this Mandi unit would have a dispensary and health centre reaching out to the villagers through mobile units and serviced by a health visitor midwives and the sanitary inspector It would also have a transport and tractor servicing centre, a centre for marketing and shopping, a storage godown for agricultural produce and veterinary centre

FORD FOUNDATION

The second part of India's over all community development programme is that which is to be supervised by the Ministry of Food and Agriculture, with financial aid from the Ford Foundation This programme was put under way many months earlier than that of the Community Projects Administration

Part of this programme is the setting up of 15 community development projects, which though smaller (only 100 villages each) propose exactly the same objectives and general programme for agricultural development as those under the Community Projects Administration Plans and budgets have now been approved for fourteen of these projects

Experience at various successful agricultural projects carried on in India over a period of time have led to estimates that in four years a community development programme following these general lines can bring about an increase in food production of roughly 50 per cent in each area In addition there can be an increase in cash income per village of some 35 per cent

The second part of this programme is the establishment of training centres for village workers and project supervisors—the critical core of the whole community development programme of both the Planning Commission and the Food Ministry For each of the large 300 village projects will need a staff of 103 Indian village workers and 22 Indian specialists in agricultural work public health and education The smaller 100 village ' blocks ' will each require about a third of that number This means that a total of roughly 7 500 trained workers must be developed in India as rapidly as possible

For the Basic Community Development Project, Basic Development Blocks and Composite Blocks financial aid will come from the Indo American Development Fund, while for the Development Projects, Training-cum Development Projects and Training Centres financial aid will come from the Ford Foundation

The former group will be supervised by the Government of India Community Projects Administration, and the latter by the Ministry of Food and Agriculture

NATIONAL EXTENSION ORGANIZATION

It is estimated that about 84 000 persons will be needed to put the Community Development Projects through

The administrative structure is somewhat like this

At the very top in Delhi is the Community Projects Administration itself under the Planning Commission which is called the Central Committee for this purpose

The Committee is assisted by an Advisory Board consisting of the Secretaries of the Central Ministries of Food and Agriculture, Health, Education, the Additional Secretary to the Ministry of Natural Resources and Scientific Research and the Government of India s nominee on the Indo-U S Technical Fund

The executive head is designated Administrator of Community Projects, and his office is designated Community Projects Administration It consists of a small secretariat staff and a number of technical experts The C P A is assisted by a team of advisers drawn from the various Central Ministries

In each of the States there is a State Development Committee consisting of the Chief Minister and Ministers in charge of the development departments, for laying down general principles

There is a Development Commissioner who acts as secretary of the Committee He is the leader of a team consisting of the heads of the development departments or secretaries to Government in those departments In some States the Chief Secretary himself may be the Development Commissioner In others States it may be someone else with the rank of an Additional Chief Secretary In any case his rank is never below that of a Secretary to Government

At the District level there is a District Development or Planning Committee This Committee will consist among others of the district heads of the development departments and Chairman and Vice Chairman of the District Board

The Collector of the District will be the Chairman of this Committee, and the District Development officer (also called Extension or Planning Officer) will be the secretary

At the sub-divisional level the Revenue Divisional officer may act as the Extension or Development officer or there may be an assistant to him who will be entrusted with the work of an Extension Officer

The core of the whole organization is the multi-purpose village worker (Gram Sevak) who is directly in touch with the villager and instructs, guides and educates him in his day to day work, and the technical supervisor whose duty is to supervise the work of a group of the village level workers

A multi-purpose village worker will generally be in charge of about 10 villages

The agency in the village through which much of the administration will be carried on such as distribution of improved seeds will be the village panchayat

In each project area there will be seven Social Education Organizers, three of whom will generally be women Of these seven one will be the Chief Education organizer

The trained technical personnel includes besides, of course, the village level workers and social education organizers the following categories agricultural extension supervisors, veterinary doctors, co-operative and panchayat officers, school teachers, doctors, compounders, sanitary inspectors, lady health visitors, midwives, engineers, overseers, mechanics

The existing staff of the various development departments will be absorbed in the N E S organization Thus it can be assumed that about one-fourth of the staff required already exists in the area

Thirty four centres for training multi purpose village workers and technical supervisors will be set up Of these 31 were already in working order at the time of writing (Nov 1953) At these centres 1,430 village workers were under training, and 1,299 had already been trained and sent out Of the supervisory personnel 199 were under training, and 260 had been trained and sent out

Five centres for training social education organizers were started on April 1, 1953 These centres are situated at Nilokheri, Hyderabad, Gandhigram, Shantiniketan and Allahabad Of these the centre at Allahabad will train Chief Social Education Organizers The training period will be six months

The centre at Nilokheri is administered directly by the C P A, while the others are run under the auspices of established institutions

The expenses of training the education organizers are shared among the Government of India, the T C A and the Ford Foundation

The following voluntary organizations engaged in rural uplift (outside the N E S organization) may be mentioned Bharat Sewak Samaj, Bharatiya Adimjati Sevak Sangh, Gandhi Smarak Nidhi, Kasturba Gandhi National Memorial Trust

Andhra Kamaravolu Ashram (Krishna Dist), Gram Seva Mandiram (Anantapur Dist)

Bombay Jana Seva Sangh

Bihar Adimjati Seva Mandal (Ranchi), Santal Paharia Seva Mandal (Deoghar), Bihar Harijan Sevak Sangh (Patna)

Madhya Pradesh Friends Rural Centre (Rasanlia)

Madras Gandhigram and Ambathurai (Madurai), Gandhi Ashramum (South Arcot)

Mysore Bharat Scouts and Guides, Bharat Seva Dal, Adult Literacy Council

Punjab Janta Sundhar Co-operative Society (Sonepat)

Rajasthan Rajasthan Sewa Sangh (Dungapur), Spree Somani Rural Uplift Centre (Jodhpur)

Travancore Cochin Y M C A (Narthandam).

West Bengal Calcutta University Institute.

STAFF REQUIREMENTS

CATEGORY	Community Projects Blocks (620) equivalent to 693		National Extension Service Blocks (500)		TOTAL
	Per Block	Total	Per Block	Total	
ADMINISTRATION					
Project Executive Officer	1	620	1	500	1,120
Ministerial staff including drivers.	15	9,300	6	3,000	12,300
AGRICULTURE					
Agricultural Graduates	1	620	1	500	1,120
Multipurpose Village-level Workers	12	7,440	10	5,000	12,440
ANIMAL HUSBANDRY					
Veterinary Doctor	1	620	1	500	1,120
Stockman	2	1,240			1,240
Messengers ..	2	1,240			1,240
CO-OPERATION					
Co-operative Inspector	1	620	1	500	1,120
EDUCATION					
School Teachers	62	38,440			38,440
SOCIAL EDUCATION					
Graduate of Social Sciences	1/3	207			207
Social Education Organisers	2	1,240	2	1,000	2,240
MEDICAL					
Doctors	1	620			620
Compounders	1	620			620
Sanitary Inspector	1	620			620
Lady Health Visitor	1	620			620
Midwives	4	2,480			2,480
Sweepers	2	1,240			1,240
WORKS					
Engineers	1/3	207			207
Overseers	2	1,240	1	500	1,740
ARTS & CRAFTS					
Supervisors	2	1,240			1,240
Mechanics	3	1,860			1,860
Total ..		72,334		11,500	83,834

BUDGET DETAILS

Some details about the major items about cost given above are as follows :—

Development Block —

Cost of staff—Rs 33,000 per annum.

Salary of Block Development officer	Rs	250-400 p m.
Salary of Social Education organizer	,,	125 p m.
Overseer with public health bias	,,	250 ,,

Transport, office equipment, building, stores	Rs	50,000	for 3 years
Local works	Rs	1,50,000	,,
Social education	,,	25,000	,,
Grants-in-aid to local institutions	,,	25,000	,,
Loan for minor irrigation works	Rs	1,00,000	,,
Loan for short term credit	Rs	3,00,000	,,

Total cost (includes items not shown above)	Rs	7 5	lakhs
Recurring expenditure	,,	1 5	,,
Non-recurring expenditure	,,	2 0	,,
Loan	,,	4 0	,,
Share of Central Govt (50 per cent of recurring and 75 per cent of non recurring plus loans other than short-term)	,,	3 2	,,
Share of States	Rs	1 25	lakhs
Short-term loans*	,,	3 0	,,

* Short term loans are to be provided through the Reserve Bank, Co-operative Societies and State Governments

Intensive Development Block —

Total cost for 3 years	Rs	15 0	lakhs
Personnel	,,	2 0	,,
Transport, office equipment	,,	0 23	,,
Tractors	,,	0 24	,,
Demonstration equipment	,,	0 10	,,
Extension sub quarters	,,	0 09	,,
Repair service centre	,,	0 05	,,
Marketing centre	,,	0 10	,,
Key village scheme	,,	0 29	,,
Irrigation	,,	5 00	,,
Reclamation	,,	0 25	,,
Dispensary (recurring)	Rs	0 10	lakhs
Dispensary (building)	,,	0 10	,,
Dispensary (equipment)	,,	0 10	,,
Drinking water	,,	0 50	,,
Drainage and sanitation	,,	0 25	,,
Education	,,	1 50	,,
Social education	,,	0 50	,,
Communications	,,	0 25	,,
Rural arts and crafts	,,	1 25	,,
Housing (staff and rural housing	,,	1 10	,,
Indian contribution	,,	13 6	,,
American	,,	1 4	,,
Recurring expenditure	,,	4 23	,,
Non recurring expenditure	,,	10 77	,,
Loans	,,	7 49	,,
Share of Centre (75 per cent of non recurring, 50 per cent of recurring plus loans)	,,	12 07	,,
Share of State Government	,,	2 93	

STATE-WISE DISTRIBUTION OF PROJECTS

An Operational Agreement signed in May 1952 provided for the starting of 55 projects

The total cost over three years is estimated at Rs 7 95 crores

The distribution and location of these projects is given in the following table

Assam

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Cachar District
2 Project—Darrang District
3 Block—tribal area
4 Block—tribal area
5 Block—North east Frontier Agency

FOOD MINISTRY

6 Project—Kamrup District
7 Training centre

Bihar

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Darbhanga—Monghyr Districts
2 Project—Shahabad District
3 Project—Ranchi District
4 Project—Patna District
5 Block—Santhal Parganas District

FOOD MINISTRY

6 Project—Patna District
7 Two Training centres

Bombay

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Mehsana District
2 Project—Kolhapur District
3 Project—Thana Kolaba Districts
4 Project—Belgaum District
5 Block—Sabarkantha District

FOOD MINISTRY

6 Project with training centre—Anand
7 Two Training centres

Madhya Pradesh

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Raipur District
2 Project—Hoshangabad District
3 Project—Amraoti District
4 Project—in area merged in Madhya Pradesh

FOOD MINISTRY

5 Project with training centre—Chanda District
6 Training centre

Madras

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Kurnool Cuddapah Districts†
2. Project—Coimbatore District
3 Project—Malabar District
4 Project—East Godavari District†
5. Project—South Kanara District.
6. Project—Madurai District

FOOD MINISTRY

7 Three Training centres

Orissa

COMMUNITY PROJECTS ADMINISTRATION.

1 Project—Kalahandi District
2 Project—Cuttack District
3 Project—Ganjam District

FOOD MINISTRY

4 Project—Bolangir District
5 Training centre

Punjab

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Gurdaspur District
2 Project—Ambala District
3 Project—Jullundur District
4 Block—Nilokheri
5 Two Blocks—Faridabad

FOOD MINISTRY

6 Two Training centres

Uttar Pradesh

COMMUNITY PROJECTS ADMINISTRATION

1 Project - Gorakhpur District
2 Project—Azamgarh District
3 Project—Faizabad District
4 Project—Mainpuri District
5 Project—Jhansi District
6 Project—Almora District

FOOD MINISTRY

7 Project with training centre—Lucknow District
8 Two Training centres

West Bengal

COMMUNITY PROJECTS ADMINISTRATION

1 Block (composite)—Birbhum District, Sadar Sub-division
2. Block (composite)—Birbhum District, Sadar Sub-division
3 Block (composite)—Birbhum District, Rampurhat, Sub-division
4 Block (composite)—Burdwan District, Burdwan-Sadar-Katwa
5 Block (composite)—Burdwan Sadar
6 Block (composite)—24 Parganas District, Sadar Sub division
7 Block (composite)—Midnapore District, Sadar Sub division
8 Block (composite)—Nadia District, Sadar Sub-division (Fulia)

FOOD MINISTRY

9 Project with training centre—Burdwan District
10 Two Training centres

Hyderabad

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Nalgonda District
2 Project—Raichur District
3 Block

FOOD MINISTRY

4 Project—Nizamabad District
5 Training centre

Madhya Bharat

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Gird District
2 Project—Nimar District

FOOD MINISTRY

3 Project—Gwalior District
4 Training centre

Mysore

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Shimoga District

FOOD MINISTRY

2 Project with training centre—Visvesvaraya Canal area

PEPSU

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Dhuri Tehsil

FOOD MINISTRY

2 Project—Nabha Tehsil
3 Training centre

Rajasthan

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Sawai Madhopur
2 Project—Jodhpur
3 Block—Bikaner

FOOD MINISTRY

4 Training centre

Saurashtra

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Sorath District

FOOD MINISTRY

2 Training centre

Travancore-Cochin

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Trichur District
2 Project—Trivandrum District

FOOD MINISTRY

3 Project
4 Training centre

Ajmer

COMMUNITY PROJECTS ADMINISTRATION

1 Block—Kekri-Beawar Tehsils

Bhopal

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Sehore and Raisen Districts.

FOOD MINISTRY

2 Project—Raisen District
3 Training centre

Bilaspur

COMMUNITY PROJECTS ADMINISTRATION.

1 Block—Saddar Tehsil

† Now in Andhra

Coorg

COMMUNITY PROJECTS ADMINISTRATION

1 Block

Delhi

COMMUNITY PROJECTS ADMINISTRATION

1 Block

Himachal Pradesh

COMMUNITY PROJECTS ADMINISTRATION

1 Project—Sirmur and Mandi Districts

FOOD MINISTRY

2 Project—near Narkanda

3 Training centre

Kutch

COMMUNITY PROJECTS ADMINISTRATION

1 Block—Nakhatrana Bhuj Tehsils

Manipur

COMMUNITY PROJECTS ADMINISTRATION

1 Block—Thoubal Tehsil

Tripura

COMMUNITY PROJECTS ADMINISTRATION

1 Block

Vindhya Pradesh

COMMUNITY PROJECTS ADMINISTRATION

1 Block—Amarpatan Tehsil

FOOD MINISTRY

2 Project—Chhatarpur District

3 Training centre

SECOND SET OF PROJECTS

In December 1962 a supplement to the first operational agreement was signed whereby 55 new Development Blocks were to be started Areas were selected and the position on July 5, 1963 was as follows

Assam

3 DEVELOPMENT BLOCKS

1 North Lakhimpore Block consisting of 8 Mouzas of the Ranganadi Circle of the Lakhimpore District

2 Nowgong Block consisting of whole or parts of seven Mouzas of the Nowgong District

3 Lushai Hills, District Lushai Hills

Bihar

2 DEVELOPMENT BLOCKS

1 Shikarpur Development Block, District Champaran

2 Hura Development Block, District Manbhum

Bombay

6 DEVELOPMENT BLOCKS

1 Vallia Mahal and some villages in Jhagdia Taluk—Broach District

2 Kalol—Panchmahals District

3 Mandangad and some villages in Dapoli, Taluk in Ratnagiri District

4 Baglan in Nasik District

5 Shahada in West Khandesh

6 Indi in Bijapur District

Madhya Pradesh

4 DEVELOPMENT BLOCKS

1 Waraseoni Block District Balaghat

2 Bohuribund Block District Jabalpur

3 Chikhali Block, District Buldana

4 Bazag Karanja Block, District Mandla

Madras

6 DEVELOPMENT BLOCKS

Sites not yet finalised

Orissa

2 DEVELOPMENT BLOCKS

1 Sundargarh Block, District Sundergarh

2 Nayagarh Block, District Puri

Punjab

4 DEVELOPMENT BLOCKS

1 Taran Taran } Jullundur Division
2 Kulu } Jullundur Division
3 Thanesar } Ambala Division
4 Naraingarh } Ambala Division

Uttar Pradesh

7 DEVELOPMENT BLOCKS

1 Bah—District Agra

2 Bafaganj cum Jalalabad Basin of the river Sot in District Badaun and Shahjahanpur respectively

3 Deoband—District Saharanpur

4 Domoriaganj—District Basti

5 Dudhi District Mirzapur

6 Jaunsar Bawar cum Jaunpur Rawain Basin of the river Jamuna in Districts Dehra Dun and Tehri (Garhwal) respectively

7 Details awaited

West Bengal

3 COMPOSITE BLOCKS

1 Hab Block, Sub division Baraset, District 24 Parganas

2 Sonamukhi Block District Bankura

3 Dinhata Block, District Cooch Behar

Hyderabad

2 DEVELOPMENT BLOCKS

Proposals not yet received from the State Government

Madhya Bharat

1 DEVELOPMENT BLOCKS

Talen Development Block, Harsingarh Sarangpur tehsils, District Rajgarh

PEPSU

1 DEVELOPMENT BLOCK

Bhatinda Development Block, District Bhatinda

Rajasthan

2 DEVELOPMENT BLOCKS

1 Nagar Pahari Govindgarh (District Bharatpur Alwar and Jaipur Division)

2 Maulasar (District Nagore Jodhpur Division)

Saurashtra

1 DEVELOPMENT BLOCK

Limbdi Development Block District Zalawad

Travancore-Cochin

1 DEVELOPMENT BLOCK

Ambalapuzha Prakkad Thakazhi Nedumudi Champakulam and Kainkari consisting of the Pakuthies of Alleppey (excluding the Municipal area) Revenue District of Quilon

Bhopal

1 DEVELOPMENT BLOCK

Proposal has not yet been received from the State Government

Bilaspur

1 DEVELOPMENT BLOCK

Ghumarwin Block in Tehsils Sadar and Ghumarwin

Coorg

1 DEVELOPMENT BLOCK

Proposal has not yet been received from the State Government

Vindhya Pradesh

2 DEVELOPMENT BLOCKS

1 Panna Block in part of Panna and part of Pawai Tehsil in the Panna District

2 Jatara Block in the district of Tikamgarh

*

FOREIGN AID TO INDIA

FOREIGN aid to India comprises 1 aid from U N 2 loan from the International Bank of Reconstruction and Development, 3 loan and aid from the U S A, 4 aid under the Colombo Plan from Australia, Canada New Zealand and the U K, and 5 aid from Norway through the U N

The total aid or loan received from each of these agencies is given below

1 Aid from U N and subsidiary bodies (1952) —$ 1 05 million
2 Loan from World Bank (Aug 1949-Jan 1953)— $ 109 8 million
3 Aid from U S A (1952)—$ 91 5 million
4 Aid from Canada under Colombo Plan (1952) $ 28 8 million
5 Aid from Australia under Colombo Plan (1952)—£ 7 2 million
6 Aid from New Zealand under Colombo Plan (1952) —£ 625 000
7 Aid from Norway through the U N (1952) — kr 10 million (Rs 67 lakhs)

WORLD BANK

Loans from the International Bank of Reconstruction and Development are as follows (the figures are in million dollars)

	Amount*	Purpose	Period (in years)	Interest	Amortization starts
1949 Aug	32 8 (15 6)	Railways	15	4%	1950
1949 Sept	7 5 (3 6)	Land reclamation	7	3½%	1952
1950 April	18 5 (8 8)	D V C †	20	4%	1959
1952 Dec	31 5 (15 0)	Ind Iron and Steel Co	15	4½%	1959
1953 Jan	19 5 (9 3)	D V C	25	4¾%	1960
Total	109 8 (52 3)				

* Figures in brackets are in rupees crores † Damodar Valley Corporation

AMERICAN AID TO INDIA

AMERICAN aid to India can broadly be classified under three heads governmental institutional, and private

Governmental aid is channelled through the Indo U S Technical Co operation Programme which has been shaped to support the objectives of India's Five Year Plan and is now in its third year

U S Government contribution in the first year ended June 30 1952, totalled $52 759,888 In the following year it was $44 315,000, and for the year ending June 30, 1954 the U S Congress has appropriated funds totalling $93,565,000

Major institutional aid is given by philanthropic organisations like the Ford and Rockefeller foundations

Private voluntary contributions by individual Americans are distributed through several relief agencies, such as CARE

Large scale American aid to India began in 1951, when India was faced with a threatened famine Americans in large numbers voluntarily contributed hundreds of thousands of dollars worth of foodstuffs clothing and medicine This aid was channelled through various relief groups, which have continued every year to send large quantities of such items since

Also in 1951, the U S Government provided a loan to India of $190 million on easy terms for the purchase of nearly two million tons of food grains in the United States The loan is to be repaid in 35 years at an interest rate of 2½ per cent, with no interest due for a year and no principal due for five years

In addition the U S Government at that time specially re activated nearly 100 World War II Liberty type ships for quick transport of the grain to India, as there was an acute shipping shortage at that time

Technical Co-operation Programme—The Indo American Technical Co operation Programme is one of 35 such programmes of bilateral co operation of the United States and other nations in economic and social improvement These programmes are carried on in Central and South America, the Middle East, South and South east Asia and Africa Eighty per cent of all projects undertaken, world wide, are in agriculture, health and education

U S bilateral aid to these countries is founded on the belief that if America helps in the fight against hunger poverty, ignorance and disease it will thereby promote a stable and peaceful world

The Indo American programme in its present form, dates from the General Agreement between India and the United States signed on January 5 1952 In keeping with an annual basis of planning, this was supplemented on November 3 1952

During the first two years high priority was given to increasing agricultural production, although the programme has been steadily increasing in support of industrial development also It is expected that industrial phases will receive larger attention in the third year allocations

In the first two years of the programme, the United States has provided a total of $88,350 000 for the co operative undertakings under the programme and India has contributed Rs 72 3 crores (about $152 million) All projects support objectives of the Five Year Plan

Each year specific projects are worked out and detailed in what are called 'operational agreements' Under the 1952 programme 11 such operational agreements were concluded Under the 1953 programme nine of the 11 were supplemented and five new agreements were signed

Specific projects are suggested by the Planning Commission of the Government of India, discussed with the American Technical Co operation Administration (TCA) which has offices in New Delhi, and operational agreements are signed designating the scope of particular activities and the amounts in dollars and in rupees

A brief summary of these projects follows

Fertilizer Imports—(U S Contribution $14,580 927) In order to help make up the gap between India's own fertilizer production and the country's needs for increased agricultural production this project calls for import of a total of 186 000 tons of fertilizer largely ammonium sulphate Supplies were obtained in Japan Belgium, Western Germany and the United States Some 135 686 tons have already arrived in India

Expansion of Sindri Plant—(U S Contribution $77,000) In order to increase fertilizer production at the Sindri plant the TCA, at the request of the Government of India engaged experts who studied Sindri's facilities and made recommendations for expansion A team of Indian technicians was sent abroad to study fertilizer production TCA also has agreed to pay for engineering consultants to work with the Government of India on the planned expansion of Sindri

Iron and Steel Imports—(U S Contribution $16 885 000) This project also is designed to meet the needs of an increased agricultural programme Provision is made under the project for the import of 110 000 tons of iron and steel for use by village blacksmiths and for farm implement factories Of this nearly 50 000 tons obtained in the United States has reached India

Locust Control—(U S Contribution $451,000) Locust menace is a recurring problem in south Asia and the Middle East whose countries co operate in the annual campaign To support India's locust control organisation the Indo American programme is providing jeeps and other mobile equipment dusters and sprayers, along with the assistance of spraying planes operated by American pilots from the TCA regional locust control organisation Some 32 jeeps with trailers 20 power wagons 40 sprayers and dusters arrived for use in the 1953 locust campaign The spray planes after the close of the 1952 locust campaign helped with a campaign against rice bug infestation in Bihar and also trained Indian pilots in spraying techniques

Soil Fertility and Fertilizer Use (U S Contribution $200 000) Knowledge of what types of soils exist in various parts of India and how they will respond to use of fertilizers to achieve increased agricultural production is essential to any nation wide agricultural programme The Indian College of Agricultural Research (Pusa Institute), New Delhi, and other institutions have already done important studies in this field Under the Indo American programme, provision is made for supplying latest types of testing equipment to expand their programmes and the advice of technical specialists in developing the system

Marine Fisheries—(U S Contribution $2 462,000) This project provides for two major classes of equipment—diesel engines to power small fishing boats and permit them to go farther from shore and large fisheries equipment to enable large scale operations Also included in the project is provision for refrigeration plants to guarantee protection of the catch and refrigerated vehicles to enable fresh fish to reach a wider market

A group of Indian fisheries experts and an American fisheries adviser made a trip in 1952 to fisheries in Europe, America and Japan, to examine types of equipment suitable or adaptable to India On their recommendations orders were placed for new equipment for India

Tube wells—(U S Contribution $21,500,000) The tube well drilling project calling for 2,000 new wells in the first year and an additional 650 in the second is a direct way of increasing agricultural production by providing irrigation Most of these wells will be dug in the Gangetic plain of north India, where conditions are most favourable for this type of irrigation Each well will irrigate approximately 400 acres, or a total of more than 10 lakh acres

Ground Water Exploration—(U S Contribution $4 500 000) This project is to determine the prospects of drilling tube wells in parts of India other than the proved areas of the Punjab PEPSU U P and Bihar Exploratory wells will be sunk in almost all the other States of India under the project

Community Projects—(U S Contribution $10,596 000) The Community Projects programme is an organised planned approach to the problem of intensive development of India s villages Through this effort nearly 20 million villagers will be helped to learn better agricultural methods, wipe out malaria and smallpox, banish illiteracy and bring their whole area up to a higher level of economic development

Work started on October 2, 1952 in 55 project areas all over India A project area covers more than 300 villages and 250 000 persons Work on 165 additional development blocks was started on October 2 1953 each covering some 100 villages

The U S is providing transportation and other types of equipment for these projects Already 330 jeeps are in use

Also, American extension training specialists are provided to work with development officers of the States as well as with training centres in bringing to villagers the knowledge of improved agricultural methods

Village Workers Training—(U S Contribution $299 200) Thirty four training centres throughout India are now in operation instructing village workers These training centres are set up by the Government of India with the aid of the Ford Foundation and the U S Government

Also, five social education training centres and three public health workers training centres have been started American extension specialists assist the training centres in developing courses of study

Malaria Control—(U S Contribution $5,848,000) This project is designed to conquer, within three or four years, the most serious health problem of India There are an estimated 80 million or more cases of malaria a year, almost all among the rural population that produces the nation s food

The United States is furnishing supplies of DDT and various other types of malaria control equipment as well as expert assistance Ninety malaria units are in operation More than 41,000 tons of DDT has arrived in India, as well as 4 million anti-malarial tablets

Forest Research and Desert Afforestation—(U S Contribution $314,000) The Research Institute at Dehra Dun will be provided with new research equipment, including that for completion of a pulp and paper mill, under this project Part of the U S aid under this project will go to experiments in control of the spread of the Rajasthan desert by treeplanting and other means

River Valley Development—(U S Contribution $10,188,873) This project provides for purchase of heavy machinery, crushers, earthmoving and other equipment for work at India's various river valley projects, as well as for technical advice by construction engineers, dam designers and development specialists

Damodar Valley Project—(U S Contribution $285,000) This project provides for consulting engineering services and advice on the designs, specifications and construction of dams and other engineering facilities planned by the D V C Also provides engineering services for the Bokaro Thermal Plant

Building Materials and Low-Cost Housing Research—(U S Contribution $175 000) These two allied projects are aimed at improving the facilities of the Central Building Research Institute at Roorkee (U P) for developing and demonstrating indigenous building materials and for developing more economical methods of housing design and construction Two U S housing specialists are also provided

Labour Institute—(U S Contribution $100 000) Under this project a Central Labour Institute will be set up at Bombay to promote industrial efficiency and to increase industrial production by encouraging improvement in the safety, health and welfare of industrial workers

Lignite Development—(U S Contribution $250 000) This project provides for supply of equipment for experimental operation of the lignite deposits in Madras State An American mining expert supplied by TCA has been working with Indian experts in the investigation of the deposits, estimated to total perhaps 2,000 million tons

Allied Phases—The basic technical co operation approach rests on the exchange of knowledge and skills largely through the medium of technical specialists in particular fields or through the further training of individuals already doing specific kinds of technical work Under the Indo American programme, these phases are financed solely from U S funds in addition to those allocated under the Operational Agreements

This type of activity exists in several forms, although always at the request of the Government of India Special contract services, in which individual technicians or teams of technicians are engaged for specialised tasks, such as the Sindri and D V C projects, is one form Bringing American technical specialists to India is another Advanced training for Indian technicians in the United States is a highly important phase, in keeping with India s development plans An enlarging field is that of inter university exchanges, between Indian and American technical institutions

Technical specialists are provided by the United States in fields in which request is made by the Government of India Their salaries in India and travel to India are paid by the United States They are usually recruited for two year assignments, for which they obtain leave of absence from their regular employment in the United States

On July 1, 1953 there were 62 such American technical specialists in India Most of these were agricultural extension specialists Other fields were natural resources education, industry, health and sanitation, social welfare, housing and industrial hygiene

On July 1 1953 also, the number of Indian technicians who were in the United States or had returned after training was 176 Another 125 had been selected to go to the U S in three months to a year

Fields of advanced training include agriculture, forestry fisheries, health and sanitation education natural resources, industry, trade and industrial productivity transportation public works, public administration and labour and community services

The United States has also provided funds for inter university exchanges of technical knowledge between India and the United States Typical of these is the arrangement between Allahabad Agricultural Institute and the University of Illinois in 1952 This included assignment of various faculty and staff members from Illinois to work at Allahabad and advanced training for staff members of Allahabad at Illinois Several other such arrangements are under way or are nearing final form

OPERATIONAL AGREEMENTS

(Figures corrected to July 1, 1953)

No	Programme Year	Date Signed	Project	U S Contribution ($)	India s Contribution (Rs)
1	1952	May 1, 1952	Fertilizer	9,040 927	44,00,000
	1953	Dec 6, 1952	—do —	5,540,000	27 06,000
2	1952	May 29, 1952	Iron and Steel	8,385 000	12 00,000
	1953	Nov 26, 1952	—do —	8,500,000	32 36,470
3	1952	May 29, 1952	Locust Control	230 000	2 48 000
	1953	Mar 27, 1953	—do —	221 000	5 00,000
4	1952	May 31, 1952	Soil Survey	200,000	8 42,540
5	1952	May 31, 1952	Fisheries	2,462,000	68,95,000
6	1952	May 31, 1952	Tube wells	15,309,073	44,450,000
	1953	Apr 20, 1953	—do —	6,190,927	4,70,50,000
7	1952	May 31, 1952	Village Workers Training	166 000	73,57,000
	1953	Feb 9, 1953	—do —	133 200	73,500
8	1952	May 31, 1952	Community Projects	8,671,000	34,38,34,000
	1953	Dec 6, 1952	—do —	1,925,000	7,33,00,000
9	1952	June 12, 1952	Malaria Control	648,000	37 350
	1953	Dec 13, 1952	—do —	5,200,000	1,77,95,000
10	1952	June 12, 1952	Forest Research	104,000	2,08,000
	1953	June 25, 1953	—do —	210 000	3 20,000
11	1952	June 14, 1952	River Valley Development	4,784,000	5,00,000
	1953	Feb 9, 1953	—do —	1,855,000	13 00,00,000
	1953	Apr 25, 1953	—do —	1,880,000	1,28 00,000
	1953	June 3, 1953	—do —	1,669,000	1,00,00,000
12	1953	Mar 27, 1953	Exploratory Tube wells	4,500,000	1,20,00,000
13	1953	Apr 20, 1953	Building Materials	100,000	1,00,000
14	1953	Apr 20, 1953	Low Cost Housing	75,000	1,50,000
15	1953	June 8, 1953	Labour Institute in Bombay	100,000	5,00,000
16	1953	June 25, 1953	Lignite Development in Madras	250,000	25,00,000

All the projects under the Indo-American programme are administered exclusively by the Central and State governments of India For example, the Central Ministry of Food and Agriculture has supervision of the fertilizer, iron and steel and fisheries projects It also directs the locust control and tube well projects

Procurement of equipment and supplies imported into India to implement the Indo-American programme is by the India Supply Mission at Washington and by the Technical Co-operation Administration at Washington, in association with each other or through such other arrangements as these two agencies agree to be desirable

The tube well project is an exception, since the contracts are signed in India after tenders are invited through the press

Projects covered by the operational agreements originate in this way A State government in India or the appropriate Ministry or other Central Government organisation is the source of each proposed project Suggested projects are transmitted to the Planning Commission which is responsible for setting broad domestic policy and general supervision of projects under the Indo American programme If the Planning Commission and TCA agree that a project proposal is within the scope of the Indo American programme, the Central Ministry concerned draws up a detailed operational agreement in consultation with the TCA technical and administrative staff Final details are worked out and the agreement is signed

Requests for TCA training awards similarly originate in the Indian States or the Central Government In the States they are presented through the department concerned in which the applicant is working and go to the Central Government Some originate directly in the appropriate Central Government ministries, and some in trade organisations

In addition the U S Government is a major contributor to the U N Technical Assistance Administration, which has extended aid to India in several fields

AID FROM FOUNDATIONS

The Ford Foundation has provided nearly six million dollars for several projects

It has allocated $2 344 000 to help establish and operate 34 centres to train some 7,000 village level workers for the community development projects Another $679 000 has been given by the Foundation to aid in the establishment of 15 pilot development centres Another grant of $1 940 000 provides for setting up a department of extension in each of five major agricultural colleges in India to impart specialised extension education Another $1 041 310 has been allotted for several other projects in the implementation of the community development programme

The Rockefeller Foundation also has extended aid to India in the field of public health, especially training of health personnel This programme has been in existence for more than two decades The Foundation has had one or more representatives in India since 1920, helping the Government of India and State Governments, at their request, to develop public health programmes

It supplied funds for the construction and equipment of the All India Institute of Hygiene and Public Health in Calcutta in 1932, and also aided in the setting up of seven rural demonstration health units

Apart from various training programmes in India, through 1952, the Foundation had given 168 fellowships and travel grants to qualified Indians for advanced studies abroad

Among other activities of the Rockefeller Foundation in India are a malaria control programme in Mysore State and the recently established Virus Research Centre in Poona

Rockefeller grants to India have totalled more than $2 532 000, in addition to all expenses of staff members resident in India, amounting to over a million dollars

The Watumull Foundation also has a sizeable programme for India in the fields of education and population control

PRIVATE AID

Impressive though the above figures may be, it is the private aid—both from individuals and voluntary welfare agencies—that reveals the extent of good-will that Americans bear towards India

For example, in the year ended July 1952 a total of more than $750 000 was contributed by private U S citizens for relief in India These contributions ranged all the way from a one-dollar gift from a five year old to the $200 000 allocation by the American Red Cross for aid to India

The number of gestures from individual Americans and small groups is legion Among the several group efforts in U S towns to combat food shortage was the 'Share a Meal With India campaign launched in Champaign Urbana a small town in the State of Illinois The local population contributed some $4,000 with which 42 tons of wheat was bought and sent to India in 1952 The response to a Harvard University drive to collect $1,000 was so good that $6,700 was collected

Housewives of the small town of Levittown, Long Island, collected three tons of canned and dried foods for Indian orphanages Individual donations are, of course, too numerous to mention A letter written by a nurse, Miss Dorothy Lynch, asking U S pharmaceutical firms to send samples of their products as gifts to India, resulted in a surprise gift of $20,000 worth of vitamin capsules from a single company

In addition to these private campaigns well-organised American relief agencies such as the Co-operative for American Remittances to Everywhere (CARE), the Christian Rural Overseas Programme (CROP) the American Friends Service Committee and the Church World Service, to mention only a few have dispatched large quantities of food, clothing medicine and other aid to India in the last few years For example, CROP has sent more than 550 tons of wheat and 1,500,000 pounds of food products and vitamins

Several of these relief groups yearly allocate a part of their funds towards relief in India but most of their members' individual gifts are channelled through CARE, which has standard food, clothing, tool and medical packages which can be sent to any country of the donor's choice, including India

CARE gift packages to India in three years since the programme started in March 1950 have totalled more than $500 000 in value including some 35,000 food packages, 2 538 ploughs, 1 380 textile packages, 299 midwifery kits 1 040 parcels of children's books and 95 large food packages to educational and medical institutions

A closely related programme to foster closer understanding between India and the United States is the so called exchange of persons programme Early in 1950, the India U S Fulbright Agreement was signed as sequel to the Fulbright Act of the U S Congress, which provides for the use of U S receipts from sales of World War II surplus property abroad for travel grants to students

The agreement provides for the utilisation of the rupee equivalent of up to $400 000 a year towards travelling expenses of Indian students to and from the U S and all expenses of Americans coming to India for study, research or instruction More than a hundred Indian students are awarded Fulbright travel grants every year while nearly one fourth of that number of Americans come to India annually under the programme

Another U S exchange programme under the Smith Mundt Act enables leaders of public opinion, both American and Indian in various fields to visit each other's countries Under this programme several prominent Indians visit the United States on study observation lecture tours every year and Americans come to India on similar tours

India is again a full participant in the U S programme of sharing its technical know how with other countries Hundreds of Indian experts and students go to the United States every year for observation and training in U S techniques

*

U. N. AID TO INDIA

IN 1952 India received assistance from the U N O amounting to $1 045 248, she had the help of 136 experts and 93 fellows In the same year India contributed $275 000 she gave the help of 84 experts and 105 fellows

The table below shows in a summary form the assistance that India has received from the various U N bodies The figures are in U S dollars

	1952	Earmarked for 1953	Approved for 1953	New projects for 1954
UN	214,873	204 026	96 509	100 681
ILO	41 644	101,600	82 600	94 500
FAO	253 919	373 548	308 500	211,500
UNESCO	240 868	218,800	194 000	121 300
ICAO	37 616	19 100	16 200	
WHO	276 328	266 500	241 266	210 204
Total	1 015 248	1 183 574	939 075	678 185

The position about experts is as follows

	UN	ILO	FAO	UNESCO	ICAO	WHO	TOTAL
For 1953 approved projects	24	14	39	13	3	13	136
For 1954 projections	17	19+	42	20	—	46	140+

The position about fellowships is as follows

	UN	ILO	FAO	UNESCO	ICAO	WHO	TOTAL
For 1953 approved projects		5	7	4			16
For 1954 projections		4+	5	24	11	35	79+

The following is the position about individual projects The first figure in the brackets shows the number of experts the second figure the number of fellows and the third figure the estimated obligation in U S dollars

FROM U N

Sindri fertilizer plant for 1953 (3 0 27 580) for 1954 (3 0 27 300)

National Instruments Factory for 1953 (1 0, 73) for 1954 (1 0 375)

Cottage industries for 1953 (1 0 8 300) Marketing of handicrafts for 1954 project continues

Ports and shipping for 1953 (3 0 21 430) One hydraulic surveyor and two dredging engineers for work on minor ports in Bombay State for 1954 project continues with 2 experts

Statistical quality control for 1953 (4 0 4 500) Four lecturers conducted training centres

Family planning for 1953 (2 0 9 040) With WHO assistance to organize study of rhythm method for family planning, for 1954 continues with one expert

Lignite utilization for 1953* (2, 0 10,000) To investigate nature of deposits in Madras State and prepare plans for utilization plant

Chemical and allied products for 1953 (1 0, 8 878)* for training staff in administration and accounting For 1953 (1 0, 7,665), for studying possibilities of manufacture of soda ash For 1953 (1 0 7 665)† for assisting in production of butyl alcohol and acetone

Machinery industry for 1953 (1, 0, 8 695) For assisting local production of moulds for plastic industry

Small industries for 1953 (1 0, 9 555) To assist in the manufacture of high tension insulators

Photogrammetry and map reproduction for 1953 (1 0 55 898) for 1954 (2, 0, no estimates) For preparation of large scale maps for hydro electric plants and irrigation schemes

Water resources development for 1953 (1 0 16 620) for 1954 (1 0 8 820) For arid zone research in Rajasthan desert

Telecommunications for 1953 (1 0, 6 465) For designing equipment for direct dialling facilities between main automatic exchanges

Visiting lecturers for 1953 (0 0 1 000) UN statistical experts were to be asked to deliver lectures at Indian Statistical Institute

Water resources development (1, 0, 16,620) under negotiation

Resources development in Damodar Valley (3, 0 22 129) under negotiation

FROM ILO

Employees State Insurance scheme for 1953 (3 3, 16,400) for 1954 (0, 1 no estimates) For advising Government and training personnel

Payment by result and production for 1953 (8 0 32 800) for 1954 (11 0 60 000) For setting up national productivity centre to train management and worker personnel

Development of handicrafts among plantation workers for 1953 (1 2 12 500)

Training within industry for supervisors for 1953 (2, 0 19 900) for 1954 (2 0 10 600) For help in introducing techniques of job instruction job methods job relations in a number of factories in the Ahmedabad region and the Sindri region Also for drawing up plans for a national institute

FROM FAO

Farm machinery for 1953 (11 2, 99 826) for 1954 (5 0 94 500) To help Central and U P Governments in land reclamation cultivation operations service training to operators, and maintenance and repair men working with agricultural machinery

Animal disease control for 1953 (5 0 73 707), for 1954 (5 0 63 800) For help in research and field programmes at Izzatnagar Institute

Agricultural institutes and services for 1953 (2 0 12 586) for 1954 (1 0 11 600) For help in improved tanning methods at training centre in U P

Agricultural economics for 1953 (2 0 12 700) To help Indian Council of Agricultural Research in research programmes and study groups and in theoretical statistics Project will continue in 1954

Fisheries development for 1953 (5 3 47 300) for 1954 (3 0 37 000) For help in inland fisheries and fisheries engineering in West Bengal For help in deep sea fishing in Bombay For help in fisheries community development in Travancore Cochin in the joint Government of India—Norway—U N project For help in designing improved fishing craft and gear

Forest development for 1953 (3 0 16 200) for 1954 (1 0 11 600) For help in manufacture of plywood and mechanical logging For advice on developing research and training facilities of the Forestry Research Institute at Dehra Dun

Nutrition for 1953 (3 0 21 377) for 1954 (1, 0 12,500) For advice on forest preservation centres in U P For training cafeteria workers to encourage consumption of non cereal foods

Land and water use for 1953 (0 0, 952) Travel costs of FAO mission in India

Animal production for 1953 (8 1, 88,900), for 1954 (6, 0, 77,500) To advise Bombay Government on methods of utilizing surplus milk, on improving the processing and bottling plant, on breeding programme To advise U P Government on sheep and wool production, on artificial insemination of live stock at Izzatnagar, on grassland fodder and forage crops

FROM UNESCO

Technology for development for 1953 (4 0 88 300) for 1954 (6 6 134 300) To help conduct engineering courses in the Indian Institute of Technology at Kharagpur Provision for hydro electric dam construction, civil engineering equipment worth $96 500

Indian National Scientific Documentation Centre for 1953 (3 1 51,700) for 1954 (3 0 41,600) $28 000 worth of books, journals and equipment

Central Water and Power Research Station, Poona for 1953 (1, 1 29,100) Photo elastic equipment worth $17 600

Institute of Paleobotany Lucknow for 1953 (1 0 11 900)

National Physics Laboratory for 1953 (1 0 17 000) for 1954 (1 0 8 900) For technical guidance on study of properties of materials at very low temperatures Equipment worth $9 000

Central Institute of Education for 1953 (1 2, 12 100) For training in child guidance

Ahmedabad Textile Research Institute for 1953 (1, 0 8 700), for 1954 (1 1, 9 200) For conducting textile research

FROM ICAO

Civil Aviation for 1953 (3 1 19 100) for 1954 (0 4, no estimates) For advice on aeronautical inspection air lines cost accounting, aeronautical communications

FROM WHO

Malaria and Insect Control in Terai for 1953 (3, 0 2, 000) For malaria control team in the Terai region of U P

Yaws Control for 1953 (1 0 8 500), for 1954 (1 0 10,270) For pilot project in Madhya Pradesh

Population studies for 1953 (2 0 13 500) for 1954 (2, 0, 14 873) For survey of family planning in New Delhi and rural area in South India

Physiotherapy Training Centre KEM Hospital Bombay for 1953 (2 0, 21 000) for 1954 (2 0 10 760) Equipment worth $5 000

Principal, Medical College Trivandrum for 1953 (1, 0 11 500) for 1954 (1 1 11 710)

Professor of Pharmacology, School of Tropical Medicine, Calcutta for 1953 (1 0 13 000) for 1954 (1 1 13 274) To develop School into teaching and research centre for training pharmacologists

Professor of Industrial Hygiene Institute of Hygiene and Public Health Calcutta for 1953 (1, 0, 8 000) for 1954 (1 1, 13 273) To organize and develop training and research department

Tuberculosis centres at Patna and Trivandrum for 1953 (7 0, 59 100)

Tuberculosis control including BCG, Calcutta and Madras for 1953 (7 0 46 000) for BCG alone, for 1954 (11 6 151 236) for TB and BCG To initiate two new TB demonstration and training centres at Calcutta and Madras For mass BCG campaign WHO is providing experts and UNICEF supplies and equipment worth $65 000

Visiting Team of Medical Scientists for 1953 (17 0 57,000) To demonstrate operative and other techniques

Food hygiene for 1953 (1 0, 3 900) To advise on abattoir meat hygiene practices, and utilization of meat by products

* Cancelled

† Cancelled in 1953 and is expected to be implemented in 1954

COLOMBO PLAN

Director, Bureau for Technical Co operation, P W E Curtin, (262 Secretariat, Colombo)

THE Colombo Plan was conceived at a meeting of the Foreign Ministers of the Commonwealth countries at Colombo in *January 1950*

A consultative committee was set up to consider ways and means of carrying out the desired co operative economic development This committee met at Sydney in May and proposed a six-year development plan and a scheme for technical assistance

In July and August 1950 the details of the Technical Assistance Scheme were worked out, and the constitution of the Council of Technical Co operation was proposed

The original members were Australia, Canada, Ceylon, India, New Zealand, Pakistan and the United Kingdom, together with Malaya and British Borneo These were Commonwealth countries, but it was contemplated from the beginning that all countries in the area should be invited to participate in the Plan on equal terms

At the London meeting of the Consultative Committee in September 1950 Burma Cambodia, Indonesia, Laos, Thailand and Viet Nam were represented by observers Viet Nam, Cambodia and Laos shortly afterwards became full members

Burma and Nepal attended the Karachi meeting in 1952 as full members, while Indonesia attended the Delhi meeting in 1953 as a full member

The United States of America has attended as a full member from the Colombo meeting of 1950

Thailand has sent observers to all meetings since the London meeting in 1950, while the Philippines had observers at the Colombo and Karachi meetings

The International Bank for Reconstruction and Development has maintained close liaison with the Committee in its work and has been represented at the Colombo and later meetings

Each of the Commonwealth and Colonial countries drew up their plans for future development over the next six years

These plans were finally issued under the title "The Colombo Plan" on 28th November 1950

As originally proposed it was a six-year plan and was officially launched on 1st July 1951 When the plan was launched the U S A became a member of the Consultative Committee

At present the members are Australia, Burma Canada, Ceylon, Cambodia, India Indonesia, Laos, Malaya, Nepal, New Zealand, Pakistan U K U S A Viet Nam

Two countries in this area which receive aid and are not members of the Plan are Philippines and Thailand

SALIENT FEATURES

Plan period Six years

Total sum allotted £1,868 million

Money to be allocated as follows Transport and communications 34 per cent, Agriculture including river valley development schemes 32 per cent Housing, health, education, 18 per cent, Industry and minerals excluding coal, 10 per cent, Fuel and power, 6 per cent

The distribution and cost of the programmes of the participating countries in million £s were as follows

	India	Pakistan	Ceylon	Malay and Br Borneo	Total	Percentage to Total
Agriculture	456	88	38	13	595	32
Transport and Communications	527	57	22	21	627	34
Fuel and Power	43	51	8	20	122	6
Industry and Mining	135	53	6	nil	194	10
Social Capital	218	31	28	53	330	18
	1,379	280	102	107	1,869	100

The following table gives details about these commitments by Co operating Governments as at 30th June, 1953

(Pound Sterling)

Country	Trainees	Experts	Equipment	Total
Australia	30 ,600	52 472	91 680	409 752
Canada	16,558	62 500		79 058
Ceylon	5,015	—	33,985	39 030
India	15 367	3 155		18 522
New Zealand	52 20	19 552	6 ,80	78,337
United Kingdom	93 806	146 900	740,100	980 806
TOTAL	488,581	284 579	832 345	1 605,505

The following table shows the expenditure by Co operating Governments as at June 30, 1953

(Pound Sterling)

Country	Trainees	Experts	Equipment	Total
Australia	220,377	39,787	29 659	289,823
Canada	143,219	53 863	—	197,082
Ceylon	597	—	1,789	2,386
India	12,114	1,132	—	13,246
New Zealand	80,811	24,744	7,732	113 287
Pakistan	—	—	1 215	1,215
United Kingdom	141,378	111,991	23,751	277,120
TOTAL	598 496	231 517	64,146	894,159

A Council of Technical Co operation was established and a £8 million fund set up for providing technical assistance

The cost of the Bureau during 1952 and the first half of 1953 was £20,000

Under the technical scheme India offered £750,000, Ceylon £400 000, Pakistan £161,290

The anticipated results in 1956 57 were as follows 1 An increase in cultivated land of 13 million acres (3½ per cent), 2 An increase in irrigated land of 13 million acres (17 per cent) 3 An increase in the production of food grains of 6 million tons (10 per cent) 4 An increase in electric power of 1 1 million kW (67 per cent); 5 An increase in the number of universities and technical training institutions from 3 000 to 3,670 6 An increase in the number of technicians from 150,000 to 200 000

Out of a total expenditure of £1 868 million £1 084 million were to be met from internal resources and £784 million from external sources

The external sources were enumerated as follows sterling balances (£246 m), private investment loans floated by private investors in London and other financial centres loans from the International Bank for Reconstruction and Development grants and loans from other Governments

FINANCE

The financial assistance promised by the various Governments was as follows

Australia £51 25 million for the plan period, Canada $25 million for each of the first two years, New Zealand £ one million for each of the first three years U K £ 300 000,000 for the whole six year period

During the first year of the Plan the following sums were made available by the supplier countries

Australia £(A) 8 7 0 000 Canada $25 000 000 New Zealand £1 000 000, U S A $70 000 000 (1950 51) $150 000 000 (1951 52), $280 000 000 (loans from 1950 52)

India earmarked £750 000 for the Technical Co operation Scheme Ceylon £400 000 and Pakistan £161,290 Out of these funds India has supplied five experts (to Ceylon), has taken in 98 trainees from countries of the region in statistics sugar technology, customs administration, broadcasting and engineering and has offered 55 scholarships and fellowships in Indian Universities and specialised Institutions

It must be pointed out that the amount to be given by a country depends on Parliamentary appropriations and cannot really be anticipated So questions like the total allotment the future contributions of the various countries do not permit of a definite answer

Member countries are required to report twice yearly the expenditure incurred and the cost of commitments entered into towards the provision of assistance under the Scheme

By 30th June 1953, the total expenditure incurred and commitments entered into against the £8 million sterling amounted to £2 499 664

The expenditure on trainees amounted to £598 496, on experts £231 517, and on equipment £64,146

The estimates of firm commitments as at 30th June 1953, were £488 581 on trainees, £284 579 on experts, and £832,345 on equipment

The assistance received by India was as follows

From Australia £A 7 2 million till 30 June, 1953, from Canada $28 8 million till 30 June, 1953, from New Zealand £625,000 till end of 1953

The releases from India's sterling balances in U K will be at the rate of £35 million a year together with the unutilized balances of the previous years

Thus during the plan period 1951 1956 the total releases should be in terms of Rupees 3,900 million

The following table gives an analysis of the actual expenditure incurred by India and of the total expenditure incurred upto June 30, 1953

(Pound Sterling)

Applying Countries	SUPPLYING COUNTRIES											
	AUSTRALIA				CANADA				INDIA			
	Trainees	Experts	Equipment	Total	Trainees	Experts	Equipment	Total	Trainees	Experts	Equipment	Total
Burma	731			731	—	—		—	903	—	—	903
Ceylon	23,979	9,555	7,347	50 881	16,247	47,094		63,341	1,810	1,132	—	2,942
India	59 249	4 013	7,772	71,064	66,098	1,222		67,320	—	—	—	—
Indonesia	31,657	421	32	35 110	—	—		—	589	—	—	589
British Territories	27 992	9 946	5 329	38 267	—	—		—	157	—	—	157
Nepal	2 306	—	—	2 306	—	—		—	548	—	—	548
Pakistan	60,284	18,827	9 174	78,285	60,874	5 547		66,421	3 227	—	—	3 227
Philippines	6 308	—	—	6 308	—	—		—	3 359	—	—	3,359
Thailand	4 871	1 995	5	6,871	—	—		—	1,521	—	—	1,521
TOTAL	220 377	39 787	29 659	289 823	143,219	53,863		197,082	12,114	1 132	--	13,246

(Pound Sterling)

Applying Countries	SUPPLYING COUNTRIES											
	NEW ZALAND				UNITED KINGDOM				TOTAL			
	Trainees	Experts	Equipment	Total	Trainees	Experts	Equipment	Total	Trainees	Experts	Equipment	Total
Burma	—	—	—	—	—	—	—	—	1,634	—	—	1,634
Ceylon	1 145	428	1 796	17 269	25,217	51 636	609	87 462	102 398	109 745	9,752	221 895
India	21 630	6 946	360	28 936	62 690	41,476	22,942	127 108	209 667	53 687	31,074	294,428
Indonesia	—	—	—	—	3 561	—	—	3 561	38 807	421	32	39 260
British Territories	22 368	4 879	5 275	32,522	—	—	—	—	50 517	9,825	10,604	70 946
Nepal	—	—	—	—	301	—	—	301	3 155	—	—	3,155
Pakistan	21 593	12 591	301	34 485	39 547	18 879	200	58 626	175,525	55,844	9,675	241 044
Philippines	—	—	—	—	62	—	—	62	9 729	—	—	9 729
Thailand	75	—		75	—	—	—	—	6 467	1 995	5	8,467
TOTAL	80 811	24 744	7,732	113 287	141 378	111,991	23,751	277,120	597,899*	231,517	61,142†	890,558††

* To this must be added £597 supplied by Ceylon The total is £598 496

† To this must be added £1 215 supplied by Pakistan for 50 heads of cattle to Australia, and £1,789 supplied by Ceylon for trainees in rural development and T B Nursing The total is £64 146

†† To this must be added £1,215 supplied by Pakistan and £2 386 supplied by Ceylon The total is £894,159

TECHNICAL ASSISTANCE

Contribution to Technical Co operation Scheme by India £750,000 (Rs one crore)

The country provided five experts and suggested the names of 39 during 1953 whose services could be utilized Fifty scholarships were offered to outside students in the first year and 20 in the second The places where foreign students were trained were the various research institutes and the national laboratories and also the following Indian Statistical Institute, Calcutta, Indian Institute of Sugar Technology, Kanpur, Customs Collectorate Bombay, All-India Radio New Delhi Training facilities were also offered in the river valley projects

The number of experts and of training facilities provided upto the end of June 30 1953 is as follows —

Applying Countries	SUPPLYING COUNTRIES													
	Australia		Canada		Ceylon	India		New Zealand		Pakistan	United Kingdom		Total	
	Experts	Trainees	Experts	Trainees	Trainees	Experts	Trainees	Experts	Trainees	Trainees	Experts	Trainees	Experts	Trainees
Brunei	—	2		—		—		—	—	—	—	—	—	2
Burma		5	—	—	—	—	1	—	—	—	—	—	—	7
Ceylon	9	57	16	10	—	5	44	2	34	3	37	120	69	268
India	3	110	5	56	—	—	—	3	35	—	28	151	39	352
Indonesia		56			1	—	3	—	—	—	—	16	—	76
Malaya	11	29	5	—		—	5	1	31	—	—	—	17	65
Nepal	—	3			2	—	4	—	—	—	—	1	—	10
North Borneo	1	7		—	—	—	—	3	4	—	—	—	4	11
Pakistan	17	92	5	52	—	—	17	10	29	—	13	91	45	281
Philippines	—	14	—	—	—	—	12	—	—	—	—	2	—	28
Sarawak	2	6	—	—	—	—	—	—	6	—	—	—	2	12
Singapore	1	15	—	—	—	—	—	—	1	—	—	—	1	16
Thailand		9	—	—	—	—	8	—	—	—	—	—	—	17
TOTAL	44	402	31	118	3	5	98	19	140		78	381	177	1,145

Figures upto the end of 1951 were 45 experts and training facilities for 309 persons

The corresponding figures for 1952 were 90 and 538

The following table shows the subjects in which countries received assistance upto June 30, 1953 —

Subject	BRUNEI		BURMA		CEYLON		INDIA		INDONESIA		MALAYA		NEPAL		NORTH BORNEO		PAKISTAN		PHILIPPINES		SARAWAK		SINGAPORE		THAILAND		TOTAL	
	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees
Education	—	—	—	—	7	33	1	13	—	8	1	11	—	1	2	3	1	17	—	7	—	2	1	2	—	2	13	99
Medical & Health	—	—	—	—	17	35	9	37	—	4	10	15	—	—	1	1	7	8	—	1	—	3	—	1	—	1	44	106
Agriculture and Forestry	—	—	—	1	6	41	6	84	—	9	4	8	—	1	—	—	15	35	—	4	2	1	—	1	—	4	33	189
Power and Fuel	—	—	—	—	—	3	1	80	—	1	—	—	—	—	—	—	—	16	—	1	—	—	—	—	—	—	1	101
Engineering	—	1	—	—	8	43	6	21	—	2	2	18	—	2	—	2	5	23	—	—	—	3	—	2	—	2	21	119
Industry and Trade	—	—	—	1	10	35	3	13	—	4	—	8	—	—	1	—	6	19	—	1	—	—	—	—	—	—	20	81
Transport and Communication	—	—	—	—	1	21	12	64	—	5	—	—	—	—	—	—	2	21	—	—	—	—	—	—	—	—	15	111
Administration	—	1	—	—	3	11	—	3	—	31	—	2	—	—	—	3	1	109	—	1	—	2	—	9	—	—	4	172
Social Services	—	—	—	—	3	14	—	9	—	1	—	1	—	—	—	—	—	1	—	1	—	1	—	1	—	—	3	29
Statistics	—	—	—	5	—	9	—	1	—	3	—	2	—	4	—	—	—	18	—	12	—	—	—	—	—	8	—	62
Fisheries	—	—	—	—	10	3	—	1	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	10	6
Miscellaneous	—	—	—	—	4	20	1	26	—	8	—	—	—	2	—	2	8	12	—	—	—	—	—	—	—	—	13	70
TOTAL	—	2	—	7	69	268	39	352	—	76	17	65	—	10	4	11	45	281	—	28	2	12	1	16	—	17	177	1,145

The following table shows the subjects in which countries supplied assistance upto June 30, 1953 —

Subject	AUSTRALIA		CANADA		CEYLON		INDIA		NEW ZEALAND		PAKISTAN		U K		TOTAL	
	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees	Experts	Trainees
Education	6	59	1	5	—	—	1	3	4	13	—	—	1	19	13	99
Medical and Health	14	22	—	11	—	—	—	3	9	28	—	—	21	42	44	106
Agriculture and Forestry	10	70	19	30	—	—	—	1	2	31	—	—	2	57	33	189
Power and Fuel	—	11	—	18	—	—	—	—	—	6	—	—	1	66	1	101
Engineering	7	5	1	15	—	—	1	11	—	20	—	1	12	17	21	119
Industry and Trade	1	21	—	3	—	—	3	22	1	11	—	2	1	22	20	81
Transport and Communication	—	37	1	18	—	—	—	1	1	7	—	—	13	48	15	111
Administration	1	81	—	14	—	—	—	1	—	6	—	—	3	69	4	172
Social Services	—	18	—	—	—	—	—	—	—	7	—	—	3	4	3	29
Statistics	—	3	—	1	—	—	—	33	—	1	—	—	—	2	—	62
Fisheries	1	—	9	2	—	—	—	—	—	—	—	—	—	4	10	6
Miscellaneous	4	25	—	—	—	3	—	1	2	10	—	—	7	31	13	70
TOTAL	44	402	31	118	—	3	5	98	19	140	—	3	78	381	177	1,145

PROVISION OF EQUIPMENT

The following table gives the particulars about equipment which India asked upto June 30, 1953

Brief Description of Request	Supplying Country	Actual Cost or Estimated Cost	(Act) (Est)	Present Position
Wool testing equipment	Australia	£A2 000 0 0	(Act)	Already supplied
Microscope	,,	£A87 10 0	(Act)	,, ,,
Mobile Cinema Vans	,,	£A9,600 0 0	(Act)	,, ,,
Equipment for the Indian Dairy Research Institute	,,			
Equipment for Central Rice Research Institute	,,			
Equipment for Indian Institute of Technology Kharagpur	,,	£A65,000 0 0	(Est)	Projects proposed for assistance
Equipment for the Directorate of Plant Protection and Quarantine for Indian Ministry of Agriculture	,,			
Institute of Biological Control (Buildings and Equipment)	Canada	$38,340 (Canadian)	(Est)	The Canadian Government is providing $38 340 for the equipment of the Institute and its maintenance over a two year period
Demonstration film Grasslands of New Zealand	New Zealand	£60	(Est)	Order placed
Publications for the National Chemical Laboratory Poona	United Kingdom	£5,000	(Est)	Firm offer made on June 26, 1952 Publications to the value of £1,892 have been supplied
Books required by National Physical Laboratory, New Delhi	,,	£160	(Est)	Revised Book List awaited
Books required by the Institute of Mines and Applied Geology Dhanbad	,,	£250	(Est)	H is agreed in principle to supply
Books required for the Central Electro Chemical Research Institute, Karaikudi	,,	£1 850	(Est)	Agreed in principle Awaiting revised list of books
Books required for the Central Leather Research Institute	,,	£180	(Est)	Agreed in principle Awaiting Mactaggart s report
Books required by the Geological Survey of India	,,	£103	(Est)	Agreed in principle Initial list supplied (£3)
Books for the Central Buildings Research Institute, Roorkee	,,	£35	(Est)	Agreed in principle—Books on order
Books for the Central Glass and Ceramics Research Institute	,,	£230	(Est)	Books on order
Books required by the Central Food Technological Research Institute Library	,,	£25	(Est)	Agreed in principle India asked to submit revised list
Books required by the Central Water and Power Commission	,,	£560	(Est)	Agreed in principle India asked to submit revised list
Books required for the National Chemical Laboratory, Poona	,,	£200	(Est)	Books on order
Microtome for Electron microscopy supplied to Miss Buch (ECS trainee in the U K)	,,	£56 0 0	(Act)	Already supplied
Supply of Equipment for Technical and Vocational training in India				
Machine tools, etc , 1950 1951 £1 916 18 2 (Act)				
Woodworking Machines, 1951 1952 £ 662 9 11 (Act)	,,	£2,579 8 1	(Act)	Supplied in 1950 1951 1951 1952
Equipment required by Central Water Power Irrigation and Navigation Research Station Poona	,,	£290,000	(Est)	Agreed
Equipment Drugs and Chemicals required by Patel Chest Institute, Delhi University		Between £20,000 and £25 000	(Est)	Awaiting acceptance of offer by India
Equipment for Indian Institute of Technology Kharagpur	,,	£30,000 to £35,000	(Est)	All equipment despatched
Equipment required for the Christian Medical College Hospital Vellore	,,	£12,500	(Est)	Offer made to India Details of request under investigation
Equipment for the Silver Jubilee T B Hospital Delhi	,,	£1,000	(Est)	Firm offer on June 13 1953 for supply of equipment recommended by Dr Scadding
Equipment required by National Metallurgical Laboratory, Jamshedpur	,	£40 000 to £60,000	(Est)	Agreed in principle
Equipment for the Bengal Engineering College, Calcutta	,	£76,000	(Est)	The Government of India has been asked for additional information
Films and Equipment required by the Central Leather Research Institute	,,	£6,400	(Est)	Agreed in principle
Equipment for the Central Electro Chemical Research Institute Kara kudi	,,	£6 500	(Est)	,, ,,
Equipment for the Geological Survey of India	,,	£3,700	(Est)	,, ,,
Equipment for the Central Building Research Institute, Roorkee	,,	£7 118	(Est)	New Delhi to enquire whether this has already been met under U S Aid Scheme
Equipment for Central Glass and Ceramics Research Institute	,,	£8,000	(Est)	Offer to supply part of equipment requested
Surgical Equipment for use of Orthopaedic Surgeon and Team of Physiotherapists	,,	£3,750	(Est)	Equipment already supplied valued at £717 8 0
Equipment for the Institute of Mines and Applied Geology, Dhanbad	,,	£3,700	(Est)	Procurement under way
Equipment for the Fuel Research Institute, Dhanbad	,,	£16,000	(Est)	Offer made to India provided it has not been met from another source
Equipment for the National Chemical Laboratory, Poona	,,	£8,322	(Est)	Agreed in principle
Equipment for Hydrographic Office, Dehra Dun	,			U K are not prepared to meet the request under the Technical Co operation Scheme
Equipment for Blood Transfusion Unit Irwin Hospital New Delhi	,,	£1,800	(Est)	Agreed in principle
Teaching Aids and Text Books for two experts for the Lady Hardinge Medical College	,,	£3,750	(Est)	Consideration deferred

GOVERNMENT INDUSTRIAL UNDERTAKINGS

IN the following pages we give short notes on Government industrial undertakings

The following are under the Ministry of Production D D T factory Government Housing factory, Heavy Electrical Power Plant factory (not set up), Hindustan Machine Tools Ltd , Iron and Steel factory (not set up), Nahan Foundry Ltd , National Instruments factory, Penicillin factory (not set up), Sindri Fertilizers and Chemicals Ltd , Telephone Cable factory, Vishakapatnam Shipbuilding Yard

The following factory is under the Ministry of Defence *Hindustan Aircraft Ltd*

The following factory is under the Ministry of Communications Indian Telephone Industries

The following factories are under the Ministry of Natural Resources and Scientific Research Indian Rare Earths Ltd Bombay Uranium Thorium factory (under construction)

The following factory is under the Ministry of Railways Chittaranjan Locomotive Works

BOMBAY URANIUM-THORIUM FACTORY

(Trombay, Bombay)

The foundation stone of this factory was laid on January 1954 It will work under the auspices of the Atomic Energy Commission

The cost of the factory is estimated at Rs 45 lakhs and it is expected to be completed by the end of 1954

It will produce 205 to 228 tons of thorium nitrate per annum

The factory will process indigenous uranium and thorium ores as well as the uranium bearing residues of the Indian Rare Earths Ltd Alwaye

The uranium will be extracted, purified and converted into metal for use in atomic reactors

The ores will come from Bihar and other parts of India From the Alwaye factory will come the residual coke left after the rare earth chlorides carbonates and tri sodium phosphates are extracted from the monazite

The factory will be self-supporting and will meet its operating costs through the sale of its thorium compounds to the Indian gas mantle industry

CHITTARANJAN LOCOMOTIVE WORKS

(Chittaranjan, Burdwan Dt , West Bengal,
4 Chittaranjan Avenue, Calcutta 13)

The works are under the Ministry of Railways

Construction started on April 1, 1948 and was completed on September 30 1952

Production started on January 26, 1950 The first locomotive rolled out on November 1

The total investment is Rs 14 93 crores

The total number of workers (1953 July) was 3,426

The present out-turn is five locomotives per month

Capacity when complete will be 120 steam locomotives, and 50 spare boilers per year, working single shift

The production schedule has been as follows

Year	No of locomotives	Percentage of parts manufactured
1950	3	—
1951	33	30
1952	45	70
1953	66	80
1954	90	100

General Manager, P C Mukerjee

D.D T FACTORY

(Delhi)

A site adjacent to D C M Chemical Works has been chosen for the factory

The factory will be managed by Government through a private limited company with a Board of Directors under the Ministry of Production

The factory was expected to go into production before the end of 1953

The plans are based on an agreement concluded between the Government of India, WHO and *UNICEF* on the 19th July 1952

Under this, the UNICEF will supply all imported equipment involving an expenditure of about $250,000, WHO will arrange and provide all technical assistance for the factory involving an expenditure of about $100 000 and the Government of India will arrange for the provision of land, buildings, steam, water, electricity etc , at an expenditure of Rs 22,45,000

The Delhi Cloth and General Mills have agreed to provide the required steam and water supplies as well as the necessary sulphuric acid, alum and chlorine for the factory at reasonable prices

GOVERNMENT HOUSING FACTORY

(Jangpura New Delhi)

The factory which was built in the middle of 1950 is managed by a company under the Ministry of Production

It was decided in May, 1952 that the factory should be utilised for producing pre fabricated houses in association with Messrs Bisakha Singh Wallenborg Ltd (the BSW), an Indo Swedish firm

Negotiations with the firm took definite shape and the approval of the Cabinet was obtained in September 1952 to the main heads of agreement with the firm

In slight modification of the previous decision, it was decided that the factory should be used for the production of foam concrete roofing slabs, *pre stressed concrete housing components*, wooden doors and windows in standard patterns, and for the fabrication of steel

In pursuance of this decision, an agreement was signed between the Government of India and the B S W on the 6th December, 1952

The salient features of the new scheme are —

A company called the Hindustan Housing Factory Limited, has been floated to control and manage the affairs of the factory

The paid up share capital of this Company is Rs 1 lakh, contributed equally by the Government and the B S W The two partners are entitled to nominate an equal number of Directors on the Board, and the Chairman is appointed by the Government in consultation with the B S W

To this company, the Government will lease the fixed assets of the present factory at a rent equivalent to the normal depreciation allowable under the income tax law, and the B S W will lease to the company on similar terms all the additional machinery required

The working capital necessary for the day to day expenses of the factory will be provided by the B S W free of interest

Government are not expected to incur any expenditure apart from the subscription to the share capital of the company but they are entitled to 40 per cent of the profits which may become available for distribution

The Hindustan Housing Factory Limited was incorporated on the 27th January, 1953

The Board of Directors have since decided to take over immediately, on lease, the assets of the Government Housing Factory and start large scale manufacture of all forms of woodwork for buildings, particularly doors, windows and furniture, pending the import of the additional machinery required for the production of pre-stressed concrete products

Chairman, Dr S S Bhatnagar

Managing Director, Sardar Sasakh Singh

Directors, S Ranganathan, I C S , K R P. Aiyangar , Sardar Mohkam Singh

HEAVY ELECTRICAL POWER PLANT INDUSTRY

The need for the establishment of a heavy electrical power plant industry in India as a key industry for generation, transmission and distribution of power in the country has long been felt, but due to financial stringency the proposals could not be proceeded with earlier

In view however, of the fact that hydro-electric schemes have made considerable headway and large scale electrification of railways to increase line capacity is also becoming a necessity it has been considered that, to make India self sufficient, it is essential to establish a factory in India to manufacture heavy electrical equipment

The Planning Commission has provided Rs 7 crores for this project out of the lump sum provision of Rs 50 crores for basic industries and transport

HINDUSTAN AIRCRAFT LTD

(Bangalore Dist , Mysore)

The company is managed by a Board of Directors under the Ministry of Defence

It was started in 1940 and has a staff of about 8,500 including workers

It now undertakes the following kind of work

Repair and overhaul arisings of all civil and Air Force aircraft in India, manufacture of trainer aircraft for Air Force and civil flying clubs use, overhaul of aero engines and other aircraft components, manufacture of all metal broad gauge railway coaches, manufacture of heavy duty single and double decker bus bodies

Board of Directors

Chairman Secretary, Ministry of Defence

Vice Chairman, J R D Tata

Directors K Bhavanishankar Rao (Financial Adviser, Ministry of Defence), I V Ganapathy Iyer (Director of Industries and Commerce, Mysore)

Board of Management

Chairman J M Shimagesh, I C S

Members, J R Strandring (Chief Production Engineer) Dr V M Ghatage (Chief Designer), V G Kamath (Financial Manager)

Some important officials

Factory Manager, Albert Zampolino

Chief Inspector, H K Karve

Chief Commercial Engineer, A Mitra

Personnel Manager, G Vasudeva Rao

Sales Manager, A C Banerjee

Purchasing Manager, P P Patel

Stores Manager, G N Krishnaswami

HINDUSTAN MACHINE TOOLS LTD

(Jalahalli, Bangalore)

This is a private limited company under the Ministry of Production registered in Mysore on February 7, 1953

The Registered Office of the Company and the factory are located at Jalahalli, Bangalore

The plans are based on an agreement between the Government of India and Messrs Oerlikon Machine Tool Works, Buehrle & Co , Zurich, Switzerland, concluded in April 1949

The company envisages manufacture in the final stage of 900 high speed lathes, 460 milling machines, 240 heavy duty drilling machines, shaping and planing machines at an estimated capital cost of Rs 8 37 crores

Building work is now in progress Plant and Machinery worth about Rs 50 lakhs were expected to arrive by the end of 1953

The first stage with a capacity for manufacturing 400—8½" centre high speed lathes or any other allied machine tools was expected to be completed by the end of 1953

Key technical personnel (both Indian and European) numbering about 25 have already been recruited Skilled Indian technical workers are being recruited

About 750 workers (excluding the supervisory personnel) are expected to be employed when the factory goes into full production

The company will be largely financed by Government The foreign consultants are allowed 15 per cent of the shares, out of which they will pay 10 per cent in cash, while the remaining 5 per cent will be issued without payment in return for their technical services

It may be added that today there are 16 graded and 100 ungraded firms in India, but the annual value of the graded machine tools produced by them is less than Rs 40 lakhs

Production is still confined to essentially simple and primary types of tools The industry is not in a position to manufacture precision types of machine tools

The monetary value of the annual demand is estimated at Rs 10 crores

Chairman Board of Directors Secretary, Ministry of Production

Managing Director Aftab Rai

Members, P C Bhattacharya, K R P Aiyangar, Dr A Gerber, N N Wanchoo, I C S , Dr Otto M Wenger

INDIAN RARE EARTHS LTD

(Alwaye, Travancore Cochin)

This factory is owned jointly by the Government of India and the Government of Travancore Cochin

The subscribed capital is Rs 80 lakhs, of which the Government of India's share is 55 per cent and of the Travancore Cochin Government 45 per cent

The technical consultants are Societe de Produits Chimiques de Terres Rares

The factory started production in July 1952 It has the capacity to produce 1 500 tons of rare earths chlorides and carbonates, and about 1,800 tons of trisodium phosphate a year from the monazite that will be dug up

The chlorides and carbonates which are exported are used in the manufacture of aerial camera lenses, cinema projector carbon arcs, special optical glasses and so on

The phosphates which are a substitute for soda ash will be used in textile mills, soap factories, and for general cleaning purposes in mills and factories

INDIAN TELEPHONE INDUSTRIES LTD

(Duravani Nagar, Bangalore Dt , Mysore)

Branches National Insurance Bldg , 27, Bastion Road, Bombay 1 , 22, Chittaranjan Avenue, United India Bldgs , Calcutta 13 , Telephone House, Netaji Subhas Road, Madras 1

This was originally started as a Government department in 1948 under the Ministry of Communications On Feb 1, 1950 it was converted into a private limited company with the Government of India as the major shareholder

Total Investment

Authorised Capital	Rs	2,50,00,000
Subscribed Capital	,,	2,50,00,000
Working Capital	,,	2,56,84,200

Board of Directors

L N Jha, I C S (*Chairman*), B R Batra, A I Bennett, A J Mantle (*Alternate Director*), Vithal N Chandavarkar, E V Ganapati Iyer, S Jayasankar, P A Narielwala, R Natarajan (*Managing Director*)

Administration

General Manager, Jagdeesh Prasad

Manager, N K Sen Gupta

Secretary, D V M Rao

The Company is the sole agent for its associate—the Automatic Telephone & Electric Co , Ltd , Liverpool, England

Facts and Figures

Present Production 40,000 telephones per annum , 25,000 exchange lines per annum

Production target 50 000 telephones per annum , 30,000 exchange lines per annum

Number of persons employed (as on 31st October 1953)

Technical—1 525 , Non technical and Administrative—762 , Total—2 287

The factory normally works a single shift Only some sections are at present working two to three shifts

The following amenities are provided

Three Canteens are run for providing lunch to workers and staff, two of which are worked by the Employees' Co operative Society

Other amenities include a well equipped dispensary, a well organised sports club, a library and reading room

Free milk is supplied to employees doing hazardous work

There is a separate rest rooms for girls

The employees themselves have organised a voluntary fund for giving financial aid to needy employees in emergencies

Seven twin block quarters are provided for the staff who do essential jobs There is a hostel in which accommodation has been provided to some of the employees Forty eight other quarters are now under construction

In co-operation with the Hindustan Aircraft Ltd , bus transport facilities have been provided for about 450 employees

There is a technical society for the senior staff where they meet and discuss subjects of scientific interest

All the employees enjoy the benefit of film shows at frequent intervals free of charges

IRON AND STEEL PROJECT

In view of the acute shortage of pig iron and steel in the country, Government decided in February, 1952 that, along with other measures negotiations should be opened with steel firms abroad for putting up a blast furnace of suitable capacity at a new site to be selected in consultation with the prospective participants *

It was also decided that Government would participate in the undertaking by providing necessary finance

The estimated cost is Rs 71 25 crores

Negotiations were thereupon carried on with various parties by the Ministry of Production

In October, 1952 Government decided to depute three officers, namely Mr C C Desai, Mr P C Bhatacharyya and Mr S Bhoothalingam to the U S A for further negotiations with some foreign parties and the World Bank The officers returned to India towards the end of December, 1952 and submitted a Report to Government on the results of their discussions in the U S A

On consideration of their Report Government decided early in January, 1953 to set up a technical mission to prepare a project report for the establishment of the new iron and steel plant

Government have also decided to nominate Messrs Koppers, a well-known firm of the U S A , as technical consultants to the Government of India on this Mission

The Mission which consists of Dr E W Rembert of the World Bank, Mr Hill of Koppers and Mr C R Natesan, Iron and Steel Controller in the Ministry of Commerce and Industry, is now engaged on the preparation of a revised project report

NAHAN FOUNDRY LTD.

(Nahan, Sirmoor District, Himachal Pradesh)

This was started in 1875 and has been continuously expanded

The total investment is about Rs one crore and the number of persons employed is 500 in the works and 300 in the agencies

Production consists of an improved type of cane crushers, bullock and power driven, centrifugal pumps in different sizes, a new patented device Sarovar for taking out water by bullock power for irrigation purposes paddy-thrashers ploughs corn sheller machine (a new patented machine for separating maize corn from their cobs) chaff cutters of different types, boiling pans, cast iron sheets, flour mills power and bullock driven, and miscellaneous items

The company has a net work of 74 agencies in north India with mobile workshops which cater to the needs of the cultivator in the villages in respect of machines and also undertake repairs at site

It is managed as a private limited company (which took over on Jan 1 1953) with the President holding all the shares The affairs are looked after by the Ministry of Production

The Board of Directors

V L Goswami (*Chairman*), N C Mallick, B S Bhatnagar K L Mehta, I C S Ram Lal, I N Sewal

General Manager and Chief Engineer Gandharv Sain

NATIONAL INSTRUMENTS FACTORY

(15, Wood Street, Calcutta 16)

Total investment Rs 9 lakhs Value of production and repair for 19 2 Rs 17 31 lakhs Value up to Oct 30 1953 Rs 13 82 lakhs Number of persons employed 989

This is under the Ministry of Production

It is one of the oldest if not the oldest factory in India engaged in the manufacture and repair of scientific and mathematical instruments in India

It manufactures prismatic binoculars, telescopes, prismatic liquid compasses, sun compasses, thermometers aircraft instruments, excise apparatus, hydrometers, measuring cylinders, barometers, manometers, students' microscopes, concentration eye-pieces, Fortin barometers, drafting machines, and profile projectors

The value of the production for the first nine months of 1952 was Rs 13 58 lakhs

The Planning Commission has provided Rs 182 lakhs for the plan period to reorganize the factory

Superintendent, B C Mukherji

PENICILLIN FACTORY

(Pimpri, Poona Dt , Indian Penicillin Committee, King Edward Road, Parel, Bombay 2)

This is to have the company form of management under the Ministry of Production and is to be located at Pimpri near Poona

The plans are based on a tripartite agreement between Government of India, World Health Organisation (W H O) and United Nations International Children's Emergency Fund (UNICEF), concluded on 24th July 1951

Government will provide land, buildings, fittings, administrative offices, laboratories, pilot plant, workshop, other services like steam plant, electric substation, sewage disposal, water, etc

Estimates for providing these are Rs 1,30,00,000

UNICEF will supply imported equipment valued $850,000

W H O will provide technical assistance valued $350,000

The factory is planned to produce 3,600 billion units of Penicillin per year to start with, rising to 9,000 billion units

Construction of non-residential buildings is in progress and was expected to be completed by the end of March, 1953

*It is now decided that the plant should be located at Rourkela in Orissa

Orders have been placed by the UNICEF for a major portion of the plant and equipment, and consignments were to start arriving from January 1953

Some eleven technical officers are expected to have their training abroad

To meet the immediate needs of Penicillin a Penicillin Bottling Plant with a capacity of 10,000 vials a day and on average 1,500 billion units per year has been set up in the compound of the Haffkine Institute, Bombay

SINDRI FERTILIZERS AND CHEMICALS LTD

(Sindri, Bihar)

This is a State owned private limited company, in which all shares except eight (allotted one each to the chairman and seven directors) are held by the President of India The Company was registered on December 18 1952

The Secretary to Government in the Ministry of Production is the Chairman of the Board of Directors

Authorized share capital—Rs 30 crores, paid up- Rs 17 crores A further sum of Rs 7 5 crores was invested by the Government as a loan at 4½ per cent interest

Profit during the first 14 months was Rs 2 7 crores After providing for depreciation renewal, replacement and partial write off of development expenditure the net profit was Rs 96 000

Started production—February 7 1952 (bags of ammonium sulphate went out)

Average daily production—1 000 tons of ammonium sulphate This is about 80 per cent of rated capacity

Target—350,000 tons a year This should help in the production of one million tons of extra food a year valued at Rs 40 crores It will also result in a saving of foreign exchange of about Rs 12 crores a year in the import of artificial fertilizers

Total production upto March 31 1953—230,000 tons

Price —Rs 290 per ton

The factory consists of gas ammonia sulphate plants, power from 80,000 kW Power House, water (some 12 million gallons a day under full production condition) Adequate arrangements have been made to ensure this large supply of water from the Damodar river for the factory and connected activities

A barrage has also been thrown over the Gowai, a tributary of the Damodar impounding about 1 000 million gallons of water as a stand-by

Then there are a bagging plant, marshalling yards and 12 mile railway track

The factory was 100 per cent complete at the end of 1951 it started production October 31, 1951, gas plant started 13th April 1951, production of anhydrous ammonia started 28th August 1951, marshalling yards completed 30th August 1951, bagging plant commissioned 4th February 1952, bags of ammonium sulphate went out of the factory 7th February, 1952

The township is designed for 4,000 employee families or 20,000 persons, is 1 375 acres, has 4 groups of composite and self sufficient colonies, all modern amenities (electricity, water supply, sanitary services, roads) The township is now complete and fully occupied

There are also a hospital, branch dispensaries, first aid posts, an English high school for boys and girls, three primary schools and one Kindergarten school

Sindri's development plans include the establishment of a coke oven plant for the manufacture of 600 tons of coke per day

A contract for this plant costing Rs 2 35 crores has been placed and construction work is already in hand

The erection of a cement manufacturing plant by the A C C, with an installed capacity of 600 tons of cement a day for the utilisation of Sindri's by product—chalk sludge—is being undertaken

It is also proposed to utilise the coke oven gases for the manufacture of urea, a stable fertilizer with high nitrogen content, which is ideal for rice cultivation

A Fertilizer Mission appointed by the Government of India in association with the T C A, has returned from a world tour after studying the manufacturing processes employed in some of the modern fertilizer plants in the world and has submitted a comprehensive report to the Government of India on the basis of which a joint decision by the Government of India and the T C A will be taken on Sindri's expansion plans for production of other nitrogenous fertilizers like urea and ammonium nitrate

These expansion plans are estimated to cost about Rs 9 5 crores

It is also proposed to set up an independent and efficient marketing organisation for Sindri to take over the distribution responsibilities of its product from January 1954

Board of Directors

Chairman Secretary to Government of India Ministry of Production

Members, J J Ghandy Sri Ram, Sri Narayan Mahtha M P, Financial Commissioner, Railways Joint Secretary, Ministry of Finance (I & C Dvn) A B Chatterji I C S S R Vasavada M A M L A

Mg Dir, A B Chatterji, I C S

TELEPHONE CABLE FACTORY

(Rupnarainpur Burdwan Dt West Bengal)

The control and management are in the hands of an entirely Government-owned private limited company named Hindustan Cables Ltd, under the Ministry of Production

The factory started operating on Nov 10, 1952

The estimated cost of the factory is Rs 110 lakhs, and the sale value of the annual output —Rs 87 lakhs

It is designed to produce annually 469 miles length of cables of different specifications, and was expected to go into production by December 1953

The planning and lay out of the factory has been completed Consignments of plant and machinery have started arriving

The plans are based on an agreement with the Standard Telephones and Cables Ltd of U K concluded on Oct 31, 1949 According to this agreement technical consultants were to prepare drawings designs, estimates supervise erection of factory, provide engineers at their cost for initial construction, put plant and machinery into service train Indian personnel

Chairman Board of Directors, General Manager, Chittaranjan Locomotives

Members B C Mukherji (of Sindri Fertilizers), M P Birla, D C Driver, G D Ambekar, three officials of the Ministry of Production, Finance, Communications

VISHAKAPATNAM SHIP-BUILDING YARD

(Vishakapatnam, Andhra)

This is located at Vishakapatnam in Andhra State It was originally designed by the firm of Sir Alexander Gibb and Partners

It is on eight berths basis, but now has 3 building berths to build ships ranging from 320 to 550 ft in length, and from about 5,000 tons to about 15,000 tons deadweight capacity

The construction of a fourth berth will soon commence

It has also a fitting-out wharf 1 200 ft long which permits fitting out of 6 large ships and 3 medium sized ships in one year

There are about 3,400 technicians, workers and staff

There is a housing estate for employees on a site of 145 acres of land provided with electricity water supply playgrounds, parks, school and hospital buildings, where about 1 500 families of the staff, workers and officers are accommodated

The yard has been managed by Hindustan Shipyard Limited since the 1st of March 1952, a company in which the Government of India have a controlling interest

The Board of Directors consists of 8 Government nominees including the Chairman and 4 nominees of Scindia Steam Navigation Co Ltd

The authorised capital of Rs 10 crores is divided into 100,000 ordinary shares and issued in four stages and so arranged that Government contributes two thirds of capital, thus acquiring a controlling interest

Technical assistance is provided by Societe Anonyme des Ateliers et Chantiers de la Loire, a French firm of ship builders under an agreement entered into with them

So far (Dec 1953) 10 ships of 8,000 tons each have been built, 4 on Scindias' account and 6 on Government account

Orders to build 9 more ships are under execution

Of these 2 are of 8,000 tons deadweight and are of the same design as those built already

The remaining 7 will be of different design, *viz* Maierform design and will be propelled by diesel engines—2 being of 8 000 DWT, and the remaining 5 being of 7,000 DWT

A provision of Rs 14 03 crores in the Five-Year Plan has been made for the acquisition and development of the ship building yard and construction of ships

The following table gives details about the ships built at the yards

	Name of ship	Date of laying keel	Date of launching	Date of completion and sailing	To whom sold
1	Jalausha ' (8,000 DWT)	22- 6-46	14- 3-48	15-10-48	Scindia S N Co Ltd
2	Jalaprabha '	22- 8 46	20-11-48	31- 3-49	"
3	Kutubtara ' (245 DWT)	23 5 47	18-12-48	19- 5-49	"
4	Jalaprakash' (8,000 DWT)	27- 5-48	8- 8-49	14-12-49	"
5	Jalapankhi "	7 1-49	6-12-49	31- 3-50	"
*6	Jalapadma "	26- 1-50	14- 9-50	14- 1-51	"
*7	Jalapalaka ' "	26- 1-50	27-12-50	29- 3-51	"
*8	Jalaputra ' "	28- 9-50	26- 3-51	29- 6-51	Bharat Line Ltd
*9	' Jagrani ' "	9- 5-51	15-12-51	4- 6-52	Great Eastern Shipping Co Ltd
*10	'Jalapratap ' "	9- 5-51	27- 2-52	31- 7-52	Scindia S N Co Ltd
*11	Jalapushpa' "	26-12 51	9- 7-52	30- 9-52	"

* These six ships were ordered by Government

The company is managed by a Board of Directors as already mentioned under the Ministry of Production *Chairman*, N R Pillai I C S *Managing Director*, R L Gupta, I C S *Members*, K R P Aiyangar, N Dandekar, I C S, S Jagannathan, I C S Dharamsey M Khatau, Tulsidas Kilachand, Michael John, Paul Maerton, Capt Newnham, Kasturbhai Lalbhai, P C Bhattacharya

FOREIGN INVESTMENTS IN INDIA*

IN 1948 the Reserve Bank conducted a census of foreign investments in Indian joint stock companies The more important findings are given in the tables below The figures are still the latest available ones as there have been no official investigations since 1948

It was found that about 2 300 foreign companies had investments in India, of which 334 had direct investments

The number of companies with 95 per cent of its investments from abroad was 150, and of companies with 68 per cent of its investment from abroad was 68 per cent

The first two tables show the investments business wise and country wise

Note that equity capital comprises ordinary and deferred shares Creditor capital comprises preference shares and debentures

(In lakhs of rupees)

Country	MANUFACTURING			TRADING			UTILITIES			TRANSPORT		
	Equity capital	Creditor capital	Total	Equity capital	Creditor capital	Total	Equity capital	Creditor capital	Total	Equity capital	Creditor capital	Total
United Kingdom	10 15	3,60	13 75	3,60	21	3 81	3 72	22	3 94	64	31	95
Pakistan	5 32	86	6,18	33	1	34	47	8	55	1 35	2	1 37
Nepal	1,67	45	2,12	15	10	25	12	4	16	34		34
Iran	1		1							1 45		1 45
Union of S Africa	31	4	35	1		1	2	1	3	10		10
Canada	49	3	52	1		1						
United States	17	3	20	33		33	1		1	1		1
British Africa	30	14	44	4	1	5	3		3	23		23
Switzerland	61	2	63				1	1	2	2		2
Burma	7		7	7	1	8	1		1	2		2
Portuguese	18	3	21				4	1	5	13		13
Australia	8	2	10	1		1	1		1			
Ceylon	8	2	10	4		4	1		1	3		3
France	10	3	13	1		1						
Japan	17		17									
Sweden	10		10	2		2						
Norway				3		3				10		10
New Zealand				7		7						
Malaya	1		1	1		1	1		1			
Other Countries	35	6	41	5	5	10	1	1	2	6		6
TOTAL	20,17	5 33	25,50	4,78	39	5,17	4,47	38	4,85	4,48	33	4 81

(In lakhs of rupees)

Country	MINING			FINANCIAL			MISCELLANEOUS			GRAND TOTAL		
	Equity capital	Creditor capital	Total	Equity capital	Creditor capital	Total	Equity capital	Creditor capital	Total	Equity capital	Creditor capital	Total
United Kingdom	1,22	8	1,30	7,18	12	7,30	7,90	1 85	9 75	34,41	6,39	40,80
Pakistan	26	5	31	1,74	15	1,89	45	17	62	9,92	1,34	11,26
Nepal	19	7	26	31	6	37	45	13	58	3 23	85	4,08
Iran				4		4	2		2	1,52		1,52
Union of S Africa	6		6	4		4	68	3	71	1,22	8	1,30
Canada	69		69	2		2	5		5	1,26	3	1,29
United States	17	1	18	2		2	24	6	30	95	10	1,05
British Africa	1		1	9		9	9	1	10	79	16	95
Switzerland	1		1	1		1	3		3	69	3	72
Burma	1		1	43		43	1		1	62	1	63
Portuguese India				9	1	10				44	5	49
Australia	7		7				17		17	34	2	36
Ceylon		1	1	3		3	7	1	8	26	4	30
France	1		1	1		1	2		2	15	3	18
Japan										17		17
Sweden							1	1	2	13	1	14
Norway										13		13
New Zealand				1		1	3		3	11		11
Malaya				3		3	5	1	6	11	1	12
Other Countries	3	2	5	11		11	5	1	6	66	15	81
TOTAL	2 73	24	2,97	10,16	34	10,50	10,32	2,29	12,61	57,11	9,30	66,41

* See also p 130

Particulars Relating to Firms Controlled from Abroad

(In thousands of rupees)

Country	MANUFACTURING		TRADING		MISCELLANEOUS		TOTAL	
	Total capital	Capital owned abroad	Total capital	Capital owned abroad	Total capital	Capital owned abroad	Total capital	Capital owned abroad
United Kingdom	2,07	82			1 51 47	1 02 39	1 53 54	1 03 21
Switzerland			23,23	23,23			23 23	23,23
Iran			9,47	7 47			9 47	7,47
Pakistan			7,50	6 85			7,50	6 85
Spanish Africa			12 00	5 30			12,00	5,30
Ceylon			5,68	3 35			5,68	3,35
French Africa			5,49	2,75			5 49	2 75
British Africa			2,73	2 31			2,73	2,31
Japan	4 15	1 66					4,15	1,66
Other countries			92	60			92	60
TOTAL	6 22	2,48	67 02	51 86	1,51 47	1 02 39	2 24 71	1 56 73

Investments in Specific Manufactures

The four following tables show investments in specific manufactures

(In lakhs of rupees)

Country	Jute	Cotton	Woollen	Silk	Sugar	Cement	Paper
United Kingdom	3 91	3 39	6	2	66	39	20
Pakistan	47	1 54	10	5	21	1 60	28
Nepal	14	30	1	—	—	11	16
Canada	2	31	—	—	1	—	—
Union of S. Africa	11	8	—	—	3	2	1
United States	3	6	—	—	—		1
Switzerland	2	4	—	—	1	—	1
Australia	3	1	—	—	1	1	—
Ceylon	—	5	—	1	—	1	—
France	7	1	—	—	1	—	—
Other Countries	5	9	—	—	5	6	
TOTAL*	4,88	5,98	17	8	1 17	2 31	69

(In lakhs of rupees)

Country	Matches	Printing and Publishing	Chemicals	Breweries and Distilleries	Iron and Steel Hard ware	Machinery and Mill Stores	Machine Tools
United Kingdom	1	3	10	6	3 34	6	8
Pakistan	2	—	14	1	74	5	3
Nepal	1	—	19	—	27	3	—
United States	—	—	5	—	3	—	—
Switzerland	53	—	—	—	2	—	—
Portuguese India	1	—	1	—	7	1	—
Australia	1	—	1	—	2	—	—
Ceylon	—	—	1	—	1	—	—
Japan	—	—	—	—	17	—	—
Sweden	8	—	—	—	1	—	—
TOTAL*	67	3	53	7	4,81	15	13

(In lakhs of rupees)

Country	Automobiles and spare Parts	Non Ferrous Metals	Tanneries	Medicines and Pharmaceuticals	Electrical Goods	Cigarettes	Paints and Colours
United Kingdom	1	1	3	25	6	3	13
Pakistan	30	3	—	—	5	2	—
Nepal	2	—	—	1	1	16	—
United States	—	—	—	—	—	—	—
Canada	—	—	17	—	—	—	—
TOTAL*	51	4	20	28	13	21	13

* Includes investments of countries other than those listed in the table

(In lakhs of rupees)

Country	Food Products	Toilet Articles	Building Materials	Rubber	Railway Stores	Glassware	Others
United Kingdom	10	2	3	27	20	1	29
Pakistan	4	3	—	22	15	—	10
Nepal	6	4	—	4	12	1	32
Union of S Africa	1	—	—	1	—	—	4
United States	—	—	—	2	—	—	—
British Africa	1	—	—	1	1	—	5
TOTAL*	22	9	3	58	40	2	90

Investments in Specific Trades

The following four tables show the investments in specific trades

(In lakhs of rupees)

Country	Retail	Jute	Cotton	Food Products	Hides and Skins
United Kingdom	2	6	2	17	1
Pakistan	—	1	8	1	—
United States	—	—	—	—	1
Sweden	—	—	—	2	—
Norway	—	—	—	3	—
New Zealand	—	—	—	7	—
TOTAL*	2	7	11	30	2

(In lakhs of rupees)

Country	Automobiles and Spare Parts	Electrical Equipments	Books	Mineral Oils	Motion Pictures
United Kingdom	43	50	9	12	4
Pakistan	16	1	—	1	1
Nepal	2	20	—	—	—
United States	4		—	17	6
Burma	—		—	7	—
Ceylon	1	—	1	—	—
TOTAL*	67	74	10	38	11

(In lakhs of rupees)

Country	Radios	Medicines and Pharmaceuticals	Tea	Iron and Steel Products	Non Ferrous Metals
United Kingdom	—	1	23	22	—
Pakistan	—	2	—	1	—
United States	—	2	—	3	—
Burma	—	—	—	—	1
TOTAL*	4	5	24	27	1

(In lakhs of rupees)

Country	Instruments and Apparatus	Cigarettes	Others
United Kingdom	4	5	1,80
Pakistan	—	—	2
Nepal	—	—	3
United States	—	—	—
Ceylon	1	—	1
TOTAL*	7	5	1,92

* Includes Investments of countries other than those listed in the table

Investments in Specific Utilities

(In lakhs of rupees)

Country	Electricity	Gas	Telephones and Cables
United Kingdom	3,69	1	24
Pakistan	55	—	—
Nepal	14	2	—
Union of S Africa	3	—	—
United States	1	—	—
British Africa	3	—	—
Switzerland	2	—	—
Portuguese India	5	—	—
TOTAL*	4,58	3	24

Investments in Transport

(In lakhs of rupees)

Country	Railways and Ropeways	Motor	Shipping	Airways
United Kingdom	52	—	39	4
Pakistan	3	1	1,27	6
Nepal	23	—	6	5
Iran	—	—	1,45	—
United States	—	—	1	—
British Africa	—	—	23	—
Switzerland	1	—	1	—
Portuguese India	—	—	13	—
Ceylon	—	—	2	1
Norway	—	—	10	—
TOTAL*	82	1	3,81	17

Investments in Mining

(In lakhs of rupees)

Country	Coal	Iron and Manganese	Mica	Others
United Kingdom	1,11	2	3	14
Pakistan	27	—	1	3
Nepal	24	—	—	2
Canada	—	—	—	69
United States	2	1	—	15
Australia	7	—	—	—
TOTAL *	1 85	3	4	1,05

Financial Investments

(In lakhs of rupees)

Country	Banks	Life Insurance	Non-life Insurance	Investment	Others
United Kingdom	4,52	4	9	2,62	3
Pakistan	1,64	11	5	9	—
Nepal	23	2	1	11	—
Iran	4	—	—	—	—
Canada	1	—	—	—	1
Union of S Africa	4	—	—	—	—
United States	1	—	1	—	—
British Africa	8	1	—	—	—
Switzerland	1	—	—	—	—
Burma	2	—	—	—	41
Portuguese India	8	—	—	2	—
Ceylon	2	—	1	—	—
France	1	—	—	—	—
New Zealand	1	—	—	—	—
Malaya	8	—	—	—	—
TOTAL*	6,83	19	18	2,85	45

* Includes investments from countries other than those listed in the table

Miscellaneous Investments

The following two tables show miscellaneous investments

(In lakhs of rupees)

Country	PLANTATIONS				Processing and Bleaching
	Tea	Coffee	Rubber	Sugarcane	
United Kingdom	6,58	41	6	—	2
Pakistan	22	4	—	2	—
Nepal	30	—	3	2	—
Iran	2	—	—	—	
Canada	3	—	—	—	—
Union of S Africa	61	1	1	—	
United States	5		—		—
British Africa	6				—
Switzerland	3	—			—
Australia	15	—		—	—
Ceylon	6	1	1	—	—
New Zealand	3	—	—	—	—
Malaya	4	—	1	—	—
TOTAL*	8 23	47	12	5	2

(In lakhs of rupees)

Country	Hotels	Managing Agency	Others
United Kingdom	19	1,81	68
Pakistan	6	17	11
Nepal	1	11	11
Canada	—	—	2
Union of S Africa	1	4	3
United States	—	17	8
British Africa	—	4	—
Australia		2	—
France	1	—	—
Sweden	—	—	1
Malaya	—	1	—
TOTAL*	29	2,38	1,05

* Includes investments from countries other than those listed in the table

RESEARCH*

RESEARCH in pure science is done chiefly under the auspices of the Council of Scientific and Industrial Research and the Atomic Energy Commission

Research in applied science and for industrial purposes is also done under the auspices of the C S I R and the various research associations of individual industries

Research in engineering subjects is done under the auspices of the Board of Engineering Research

Medical research is mainly in the charge of the Indian Council of Medical Research

Agricultural research is looked after by the Indian Council of Agricultural Research and the various Central Committees for agricultural commodities like the Indian Central Cotton Committee Indian Central Jute Committee, etc (See under Agriculture)

Research in the humanities—literature, language the arts etc —is done at individual institutions scattered throughout the country

It may be mentioned here that the Central Government has a Scientific Liaison Officer in the U K He keeps in touch with the latest scientific developments in Europe arranges for the training of Indians at research centres in Europe and helps to promote personal contacts between Indian and foreign scientists

Allotment for scientific and industrial research under the Plan Rs 4 61 crores

SCIENTIFIC SOCIETIES

The National Institute of Sciences New Delhi is the premier scientific organization recognized by Government for co ordinating the work of scientific academies, societies and Government departments and services It has the same status as the Royal Society of London or of the National Academy of Washington

Two all embracing science societies are The Indian Science Congress Association Calcutta under whose auspices Indian and foreign scientists meet every year to exchange ideas and the Indian Association for the Cultivation of Science Calcutta

Other scientific societies are Agricultural and Horticultural Society of India Calcutta, Agri Horticultural Society, Madras Anthropological Society Bombay Banaras Mathematical Society (Bharat Ganit Parishad), Lucknow Bombay Sanitary Association, Bombay British Medical Association, Bombay Branch Bombay Entomological Society of India Horticultural Society of India Calcutta Indian Academy of Sciences Bangalore Indian Botanical Society, Calcutta, Indian Ceramic Society, Indian Chemical Society, Calcutta Indian Dairy Association Bangalore Indian Mathematical Society Madras Indian Physical Society Calcutta, Indian Physiological Society Calcutta, Indian Psychological Society, Indian Council of Medical Research New Delhi, Indian Roads and Transport Development Association, Bombay, Indian Society of Genetics and Plant Breeding Indian Society of Social Sciences Mining and Geological Institute of India, Calcutta, Mining and Metallurgical Society National Academy of Sciences Allahabad, National Horse breeding and Show Society of India New Delhi, Psycho analytical Society, Calcutta, Institute of Engineers Calcutta Indian Society of Soil Science, Calcutta, Society of Biological Chemists, Bangalore, Indian Science News Association, Calcutta, Indian Institute of Chemical Engineers, Indian Institute of Metals, Calcutta, Indian Society for Quality Control, Calcutta, Indian Society for Agricultural Statistics

GOVERNMENT RESEARCH

Most Government research is now carried on under the auspices of the Council of Industrial and Scientific Research (Ministry of Natural Resources and Scientific Research) It manages the laboratories and institutions for research awards fellowships puts the knowledge so gained at the disposal of industry It also publishes scientific papers and journals

The Council is administered by a Governing Body with the Prime Minister as President and members as representing science industry and certain Government departments The Governing Body is advised by a Board of Scientific and industrial research consisting of 19 members about schemes for research or investigation of natural resources For individual subjects the Board has advisory committees the number of which at present is 24 is as follows

Glass and Refractory Committee, Chemical Research Committee Physical Research Fuel Research Vegetable Oils Cellulose Research Biochemical Research, Pharmaceuticals and Drugs Plastics Atmospherics Research Essential Oils Metals Research Internal Combustion Engine Research Uniform Calendar Radio Research, Statistics Standards and Quality Control Leather Research, Measurement of Geological Time, Malaria Chemotherapy Vanaspaty Research Building Research Salt Research, Mining Research, High Altitude Research

The 10 National Laboratories which the Council looks after are in the order in which they were started as follows

National Chemical Laboratory at Poona (Jan 4 1950) National Physical Laboratory at New Delhi (Jan 21, 1950) Central Fuel Research Institute at Dhanbad (April 22 1950), Central Glass Ceramic Research Institute at Jadavpur Calcutta (Aug 25 1950), Central Food Technological Institute at Mysore (Oct 21, 1950) National Metallurgical Laboratory at Jamshedpur (Nov 26 1950) Central Drug Research Institute at Lucknow (Feb 17, 1951) Central Road Research Institute at New Delhi (July 16 1952) Central Electro Chemical Research Institute at Karaikudi, south India (Jan 1953) Central Leather Research Institute at Madras (Jan 1953)

The three following laboratories are in the process of establishment

Central Building Research Institute at Roorkee Central Salt Research Institute at Bhavnagar Central Electronic Engineering Research Institute at Pilani, Rajasthan

The Council of Scientific and Industrial Research encourages the formation of trade associations for the purpose of conducting co operative research Where recognition is given Government may make a money grant Examples of industries where such associations exist are

Ahmedabad textiles, the silk and art mills of Bombay, the leather manufacturers and tanners of south India, and the Coimbatore textiles

The Council also encourages research at universities and other institutions through grants in aid

The Atomic Energy Commission has to be mentioned here, it was set up in Aug 1948 It deals with all matters concerning the development and production of atomic energy

In its research work it is assisted by two bodies The Board of Research on Atomic Energy and the Cosmic Ray Committee The research is conducted at its own laboratories, the Tata Institute of Fundamental Research and also at the universities, to whom it makes grants for raising the standard of instruction in physics, chemistry and mathematics

The Atomic Energy Commission also looks after Rare Earths Ltd located at Alwaye in Travancore Cochin A factory is also due to start working in Bombay for extracting uranium and thorium from the waste thrown up by the Alwaye works

The Commission spends much money on cosmic research at various universities and more especially at the following institutions Institute of Nuclear Physics, Calcutta Bose Research Institute of Science Calcutta, Physical Research Laboratory Ahmedabad

For engineering research a body has been set up called the Board of Engineering Research which is assisted by five expert committees

MEDICAL RESEARCH

Medical Research is conducted chiefly under the auspices of the Indian Council of Medical Research New Delhi The Council also grants research fellowships There is a Scientific Advisory Board which deals with technical questions and publishes reports of research carried on at the centres under its charge

Some of the more important institutions where medical research is conducted are

Malaria Institute of India Delhi Central Research Institute Kasauli Punjab All India Institute of Hygiene and Public Health Calcutta King Institute Guindy, Madras School of Tropical Medicine Calcutta Haffkine Institute, Bombay (plague poisonous snakes) Nutrition Research Laboratories, Coonoor, Seth G S Medical College, Bombay Central Malaria Laboratory Public Health Department, Madras (for D D T) Indian Veterinary Research Institute Mukteswar Kumaun U P, University College of Science and Technology, Calcutta National Chemical Laboratory Poona (for dietary protein) Presidency College, Calcutta (for nicotinic acid) Department of Chemical Technology University of Bombay, Bombay (for B vitamins) Indian Dairy Research Institute, Bangalore University Biochemical Laboratory University of Madras, Madras, Medical College Baroda (for physiological reactions to Indian foods), Presidency College Calcutta (for vitamin A), Safdarjang Hospital, New Delhi (for effects of malnutrition), M G M Medical College Indore (for riboflavin and thiomine), Institute of Science Bombay, Assam Medical College, Dibrugarh (for caloric needs of persons of different occupations) College of Nursing New Delhi (nutrition of mothers and infants), M S University, Baroda Tata Memorial Hospital, Bombay (leprosy) Christian Medical College, Vellore (leprosy) Acworth Leprosy Home, Bombay, Victoria Leprosy Hospital Kichpali Government Silver Jubilee Children's Clinic Saidapet, Madras (for leprosy), Central Drug Research Institute Lucknow (pituitary gland) S N Medical College, Agra (pulmonary disease skin diseases and liver), Medical College Amritsar (diabetes), King George's Medical College, Lucknow (lymphoid tissue), S C B Medical College Cuttack (allergy) Lady Hardinge Medical College, New Delhi (sterility), Sawai Man Singh Medical College, Jaipur (guinea worm), Office of Director of Public Health, Madras (infant mortality), Chittaranjan Cancer Hospital, Calcutta (urine), N R Sarkar Medical College, Calcutta (anaemias of pregnancy), Topiwala National Medical College, Bombay (abortions), Stanley Medical College Madras (toxaemias of pregnancy), Grant Medical College, Bombay (polio), Pasteur Institute, Coonoor (influenza), Drug Research Laboratory, Jammu (indigenous drugs), Virus Research Centre, Poona

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* For a consecutive list of research institutions see under Societies

For personnel of some of the institutions see under Government of India personnel

SCIENTIFIC JOURNALS

Below we give a list of scientific journals in India with their full addresses

AGRICULTURAL

AGRICULTURL AND ANIMAL HUSBANDRY UTTAR PRADESH, Bureau of Agricultural Information, Chota Chattar Manzil, Lucknow

ALLAHABAD FARMER, Allahabad Agricultural Institute, Allahabad

BIHAR AGRICULTURAL COLLEGE MAGAZINE Bihar Agricultural College Sabour Bhagalpore

BULLETIN OF THE DEPARTMENT OF AGRICULTURE UTTAR PRADESH Bureau of Agricultural Information, Chota Chattar Manzil, Lucknow

BULLETIN OF THE INDIAN CENTRAL COCONUT COMMITTEE, Secretary, Indian Central Coconut Committee, Ernakulam

BULLETIN OF THE UNITED PROVINCES FOREST DEPARTMENT Superintendent, Printing and Stationery, Uttar Pradesh, Allahabad

GARDEN NEWS SHEET, Royal Agricultural and Horticultural Society of India Alipore Road Calcutta

INDIAN BEE JOURNAL, Ramgarh, Nainital District (U P)

INDIAN COCONUT JOURNAL, Indian Central Coconut Committee, Ernakulam

INDIAN COTTON GROWING REVIEW, Indian Central Cotton Committee, Nicol Road, Ballard Estate Bombay

INDIAN DAIRYMAN, Hosur Road, Bangalore

INDIAN FARMING, Manager of Publications, Civil Lines, Delhi

INDIAN FOREST BULLETINS, Forest Research Institute, Dehra Dun

INDIAN FOREST LEAFLETS, Forest Research Institute, Dehra Dun

INDIAN FOREST RECORDS, Forest Research Institute Dehra Dun

INDIAN FORESTER, Forest Research Institute, Dehra Dun

INDIAN JOURNAL OF AGRICULTURAL SCIENCE Manager of Publications, Civil Lines, Delhi

INDIAN JOURNAL OF DAIRY SCIENCE Indian Dairy Science Association Hosur Road, Bangalore 1

INDIAN JOURNAL OF ENTOMOLOGY, Entomological Society of India, New Delhi

INDIAN JOURNAL OF GENETICS AND PLANT BREEDING Indian Society of Genetics and Plant Breeding, New Delhi

INDIAN JOURNAL OF HORTICULTURE, Horticultural Society of India, 117 M, Block Hutments, New Delhi

INDIAN POULTRY GAZETTE, Indian Poultry Club Izatnagar U P

INDIAN PULP AND PAPER, 1 A, Vansittart Row, Calcutta

INDIAN TOBACCO Indian Central Tobacco Committee, 3, Floyds Road, Madras

INDIAN VETERINARY JOURNAL, 26, Wallajah Road, Mount Road, Madras 2

JOURNAL OF THE INDIAN SOCIETY OF AGRICULTURAL STATISTICS Indian Society of Agricultural Statistics, New Delhi

MADRAS AGRICULTURAL JOURNAL, Agricultural College and Research Institute, Coimbatore (South India)

MADRAS VETERINARY COLLEGE MEDICAL ASSOCIATION MAGAZINE, Madras Veterinary College, Madras

PHYTOMORPHOLOGY, International Society of Plant Morphologists, University of Delhi, Delhi

PLANTERS JOURNAL AND AGRICULTURIST, P O Box 2361, Calcutta

PROCEEDINGS OF THE BIHAR ACADEMY OF AGRICULTURAL SCIENCES, Agricultural Research Institute P O Sabour (Bihar)

BOTANICAL

BULLETIN OF THE BOTANICAL SOCIETY, University of Sagar, Sagar

BULLETIN OF THE BOTANICAL SOCIETY OF BENGAL, 35 Ballygunge, Circular Road, Calcutta

JOURNAL OF THE BIOLOGICAL SOCIETY OF ASSAM, University Botany Laboratory, Cotton College, Gauhati (Assam)

JOURNAL OF THE INDIAN BOTANICAL SOCIETY Botanical Department Institute of Science, Mayo Road, Bombay

PALEOBOTANIST, Birbal Sahni Institute of Paleobotany, Lucknow

RECORDS OF THE BOTANICAL SURVEY OF INDIA, Manager of Publications Civil Lines, Delhi

CHEMICAL

CHEMICAL AGE Technical Press Publications C 19, Sitaram Buildings, Hornby Road, Bombay

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, Indian Chemical Society, 92, Upper Circular Road, Calcutta

JOURNAL OF THE INDIAN CHEMICAL SOCIETY (INDUSTRIAL AND NEWS EDITION), Indian Chemical Society, 92 Upper Circular Road, Calcutta

JOURNAL (PROCEEDINGS) OF THE INSTITUTION OF CHEMISTS, INDIA, Chemical Department, Medical College, Calcutta

PROCEEDINGS OF THE SOCIETY OF BIOLOGICAL CHEMISTS (INDIA), Society of Biological Chemists (India), Malleswaram P O Bangalore

COMMERCIAL

INDIAN COMMERCE JOURNAL Department of Industries and Commerce, Chepauk, Madras 4

INDIAN FOOD PACKER, All India Food Preservers Association, Wandby Road Fort, Bombay

INDIAN PRINT AND PAPER, Chartered Bank Building, Calcutta

INDIAN SOAP JOURNAL, P 11, Mission Row Extension, Calcutta

INDIAN TEXTILE JOURNAL, Indian Textile Journal Ltd, Bombay

RUBBER INDIA, Indian Rubber Industries Association, Homji Street, Fort, Bombay

SOAP South Indian Soap Makers Association, Edacochi P O, Cochin (S India)

TANNER, Jer Mansion, Bandra, Bombay 20

ENGINEERING

ENGINEER, 343, Opposite Grant Road Station, East, Bombay 7

ENGINEERING NEWS OF INDIA Engineering Association of India, 23 B, Netaji Subhas Road, Calcutta

INDIAN AND EASTERN ENGINEER, 5, Mission Row, Calcutta

INDIAN CONCRETE JOURNAL, 1, Queen's Road, Bombay

INDIAN ENGINEERING, 300, Bowbazar Street, Calcutta 12

INDIAN JOURNAL OF ENGINEERING AND TECHNOLOGY, Mechanics and Engineering Publishing Corporation, 293 A, Bellasis Road, Bombay 8

INDIAN JOURNAL OF POWER AND RIVER VALLEY DEVELOPMENT, 211, Park Street, Calcutta

JOURNAL OF THE ASSOCIATION OF ENGINEERS, 24, Netaji Subhas Road, Calcutta

JOURNAL OF THE CENTRAL BOARD OF IRRIGATION, Kennedy House, Simla

JOURNAL OF THE COLLEGE OF ENGINEERING AND TECHNOLOGY, Jadavpur, P O Jadavpur College, Calcutta 32

JOURNAL OF THE CORPS OF INDIAN ELECTRICAL AND MECHANICAL ENGINEERS, Corps Association I E & M E, G H Q New Delhi

JOURNAL OF THE INDIAN SOCIETY OF REFRIGERATING ENGINEERS, 12, Kyd Street, Calcutta 16

JOURNAL OF THE INSTITUTION OF ENGINEERS (INDIA), Institution of Engineers (India), 8 Gokhale Road, Calcutta

JOURNAL OF THE INSTITUTION OF MILITARY ENGINEERS, Kashmir House, New Delhi

JOURNAL OF THE PERMANENT WAY INSTITUTE Honorary Secretary, Chief Engineer's Office, Western Railway, Churchgate Bombay

POWER ENGINEER, Society of Power Engineers Cleremont Simla

SCIENCE AND ENGINEERING Indian Society of Engineers 12, Netaji Subhas Road, Calcutta

TELECOMMUNICATIONS, Secretary, Office of the Chief Engineer, Post and Telegraphs, Govind Bhawan Jabalpur

GEOGRAPHICAL

BULLETIN OF THE NATIONAL GEOGRAPHICAL SOCIETY OF INDIA, National Geographical Society of India, Banaras

GEOGRAPHER Journal of the Muslim University Geographical Society, Muslim University, Aligarh

GEOGRAPHICAL REVIEW OF INDIA, Senate House University of Calcutta, Calcutta 7

INDIAN GEOGRAPHICAL JOURNAL Wellclose, Cathedral P O, Madras 6

GEOLOGICAL

BULLETIN OF THE GEOLOGICAL, MINING AND METALLURGICAL SOCIETY OF INDIA Geology Department, Presidency College, Calcutta

INDIAN MINERALS, Minerals Information Bureau, Geological Survey of India, Calcutta

MEMOIRS OF THE GEOLOGICAL SURVEY OF INDIA, Geological Survey of India, 27, Chowringhee, Calcutta

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MATHEMATICAL

BULLETIN OF THE ALLAHABAD UNIVERSITY MATHEMATICAL ASSOCIATION, Allahabad University, Allahabad

BULLETIN OF THE CALCUTTA MATHEMATICAL SOCIETY, Calcutta Mathematical Society, 92, Upper Circular Road, Calcutta

GANITA (PROCEEDINGS OF THE BHARAT GANITA PARISHAD), Department of Mathematics, Lucknow University, Lucknow

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MATHEMATICS STUDENT, 2, Bhaskarapuram, Mylapore P O, Madras

MEDICAL

ANNALS OF BIOCHEMISTRY AND EXPERIMENTAL MEDICINE, Indian Institute of Medical Research, P-27, Prinsep Street, Calcutta

ANTISEPTIC, 323, Thambu Chetty Street, G T, Madras

CALCUTTA MEDICAL JOURNAL, 91 B, Chittaranjan Avenue, Calcutta

CALCUTTA MEDICAL REVIEW, P 51, Golf Club Road, Tollygung Calcutta

IMMUNITY BULLETIN Bengal Immunity Research Institute, 39, Lower Circular Road Calcutta 16

INDIAN DENTAL REVIEW Dental Publishing Co, 121, Esplanade Road, Bombay 1

INDIAN HEART JOURNAL, Cardiological Society of India 67, Dharamtalla Street, Calcutta

INDIAN JOURNAL OF CHILD HEALTH, Back Bay View Queen's Road, Bombay

INDIAN JOURNAL OF MALARIOLOGY, Indian Research Fund Association, New Delhi

INDIAN JOURNAL OF MEDICAL RESEARCH, Central Research Institute, Kasauli

INDIAN JOURNAL OF MEDICAL SCIENCES, Back Bay View New Queen's Road Bombay 4

INDIAN JOURNAL OF NEUROLOGY AND PSYCHIATRY, 128 B, Dharamtalla Street, Calcutta 13

INDIAN JOURNAL OF OPHALMOLOGY, 502, Narayan Peth, Poona

INDIAN JOURNAL OF PEDIATRICS, 56/12, Creek Row, Calcutta 14

INDIAN JOURNAL OF PHARMACY, Department of Chemical Technology, Matunga, Bombay 19

INDIAN JOURNAL OF PSYCHOLOGY, 92, Upper Circular Road, Calcutta

INDIAN JOURNAL OF RADIOLOGY, Navsari Buildings, Hornby Road Bombay

INDIAN JOURNAL OF SURGERY, 207, Poonamalle High Road, Madras

INDIAN JOURNAL OF VENEREAL DISEASES AND DERMATOLOGY, 1, Nagindas Mansions, Opera House, Girgaum, Bombay

INDIAN MEDICAL FORUM, 64, Surendranath Bannerjee Road, Calcutta 13

INDIAN MEDICAL GAZETTE, Central Research Institute, Kasauli

INDIAN MEDICAL JOURNAL, 22, Sullivans Garden Street, Mylapore, Madras

INDIAN MEDICAL RECORD, 14, Puran Chand Nahar Avenue, Calcutta

INDIAN PHARMACIST 7, Lower Rawden Street, Calcutta

INDIAN PHYSICIAN, New Queen's Road, Bombay 4

INTERNATIONAL MEDICAL ABSTRACTS AND REVIEWS, Post Box No 5, Alipore, Calcutta 27

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JOURNAL OF THE ALL INDIA DENTAL ASSOCIATION, All India Dental Association, 12/1, Esplanade East, Calcutta

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JOURNAL OF THE ASSOCIATION OF MEDICAL WOMEN IN INDIA, Red Cross Building, New Delhi

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MEDICAL DIGEST, Opera House, Bombay

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PROCEEDINGS OF THE SOCIETY FOR THE STUDY OF INDUSTRIAL MEDICINE, Tata Main Hospital, Jamshedpur, Bihar

METEOROLOGICAL

INDIAN JOURNAL OF METEOROLOGY & GEOPHYSICS Indian Meteorological Department, Lodi Road, New Delhi

MEMOIRS OF THE INDIA METEOROLOGICAL DEPARTMENT Manager of Publications, Civil Lines, Delhi

MISCELLANEOUS

EASTERN ANTHROPOLOGIST Anthropology Laboratory, Lucknow University, Lucknow

INDIAN AIRMAN Roy Mansions Behala South Calcutta

INDIAN AVIATION, 13 Ezra Mansions, P O Box 2361, Calcutta

INDIAN JOURNAL OF HOLMINTHOLOGY, Lucknow University Lucknow

INDIAN PHYTOPATHOLOGY Indian Phytopathological Society, Pusa Buildings, New Delhi

INDIAN STANDARDS Indian Standards Institution, 19, University Road, Delhi

ISI BULLETIN Indian Standards Institution, 19, University Road, Delhi

INTERNATIONAL JOURNAL OF SEXOLOGY, Hornby Road Bombay 1

JOURNAL OF THE AERONAUTICAL SOCIETY OF INDIA, Talkatora Road, New Delhi

JOURNAL OF THE ANTHROPOLOGICAL SOCIETY OF BOMBAY, 136, Apollo Street, Bombay

JOURNAL OF THE ASSOCIATION OF PRINCIPALS OF TECHNICAL INSTITUTIONS OF INDIA, Delhi Polytechnic, Lothian Road, Delhi

JOURNAL OF THE BENGAL NATURAL HISTORY SOCIETY Curator, Natural History Museum, Darjeeling

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MADRAS MUSEUM BULLETIN, Superintendent, Government Press, Madras

MAN IN INDIA, 18, Church Road, Ranchi (Bihar)

MEMOIRS OF THE ASIATIC SOCIETY OF BENGAL, Asiatic Society of Bengal, 1 Park Street, Calcutta

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TRANSACTIONS OF THE INDIAN CERAMIC SOCIETY, Indian Ceramic Society, Department of Ceramics, Banaras Hindu University, Banaras

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PHYSICS

BULLETIN OF THE SOLAR PHYSICS OBSERVATORY, Solar Physics Observatory, Kodaikanal (South India)

INDIAN JOURNAL OF PHYSICS (AND PROCEEDINGS OF THE INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCES), Indian Association for the Cultivation of Sciences 210, Bowbazar Street Calcutta

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RESEARCH

BULLETIN OF THE CENTRAL RESEARCH INSTITUTE, University of Travancore, Trivandrum

BULLETIN OF THE DECCAN COLLEGE RESEARCH INSTITUTE, Deccan College Research Institute Poona

JOURNAL OF THE GUJERAT RESEARCH SOCIETY, 46 48, Esplanade Mansion, Mahatma Gandhi Road, Bombay 1

RESEARCH BULLETIN OF THE EAST PUNJAB UNIVERSITY, East Punjab University Hoshiarpur

SAMIKSA—JOURNAL OF THE INDIAN PSYCHO ANALYTICAL SOCIETY, Indian Psycho Analytical Society, 14, Parsibagan Lane, Calcutta 9

TRANSACTIONS OF THE BOSE RESEARCH INSTITUTE, Bose Research Institute 93/1 Upper Circular Road, Calcutta

SCIENTIFIC (GENERAL)

BULLETIN OF THE HYDERABAD SCIENCE ASSOCIATION Hyderabad Science Association, Hyderabad (Dn)

CURRENT SCIENCE, Current Science Association, Malleswaram P O Bangalore 3

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JOURNAL OF THE SCIENCE CLUB, Science Club, 22, Ramesh Mittar Road, Bhowanipur, Calcutta

JOURNAL OF THE SCIENTIFIC AND INDUSTRIAL RESEARCH Council of Scientific and Industrial Research Old Mill Road, New Delhi

OSMANIA UNIVERSITY JOURNAL (SCIENCE FACULTY) University of Osmania Faculty of Science Hyderabad (Dn)

PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES The Indian Academy of Sciences Bangalore

PROCEEDINGS OF THE INDIAN SCIENCE CONGRESS Indian Science Congress Association 1 Park Street Calcutta

PROCEEDINGS OF THE INDIAN SOCIETY OF SOIL SCIENCE Indian Society of Soil Science Indian Agricultural Research Institute, Pusa Buildings New Delhi

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE (INDIA), Council of National Academy of Sciences Allahabad U P

PROCEEDINGS OF THE NATIONAL INSTITUTE OF SCIENCES OF INDIA National Institute of Sciences of India Delhi

PROCEEDINGS OF THE RAJASTHAN ACADEMY OF SCIENCES Pilani Rajasthan

PSYCHOLOGY AND SOCIETY 14 D, Feroz Shah Road New Delhi

QUARTERLY JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE Indian Institute of Science Bangalore

SCIENCE AND CULTURE Indian Science News Association 92 Upper Circular Road Calcutta

TRANSACTIONS OF THE NATIONAL INSTITUTE OF SCIENCES OF INDIA, National Institute of Sciences of India Delhi

STATISTICS

CALCUTTA STATISTICAL ASSOCIATION BULLETIN Department of Statistics Asutosh Building, Calcutta 7

SANKHYA—THE INDIAN JOURNAL OF STATISTICS Statistical Publishing Society Presidency College, Calcutta

TECHNICAL

ANNUAL REVIEW OF BIOCHEMICAL AND ALLIED RESEARCH, Secretary Society of Biological Chemists, Malleswaram P O, Bangalore

BUILDING GAZETTE P O Box 288 G I Madras

ELECTROTECHNICS Indian Institute of Science Bangalore

FACT (Magazine of Fertilizers and Chemicals Travancore Ltd), Alwaye, Travancore

JOURNAL OF THE MADRAS INSTITUTE OF TECHNOLOGY Chrompet P O Madras

QUARTERLY TECHNICAL BULLETIN Railway Board Government of India New Delhi

TRANSACTIONS OF THE MINING GEOLOGICAL AND METALLURGICAL INSTITUTE OF INDIA Mining Geological and Metallurgical Institute of India 27 Chowringhee Calcutta

UNIVERSITY JOURNALS

JOURNAL OF THE ANNAMALAI UNIVERSITY Registrar Annamalai University, Annamalainagar

JOURNAL OF THE BANARAS HINDU UNIVERSITY, Banaras

JOURNAL OF THE CALCUTTA UNIVERSITY (Department of Science) University of Calcutta, Calcutta

JOURNAL OF THE MADRAS UNIVERSITY, University Buildings Madras

JOURNAL OF THE MYSORE UNIVERSITY, Mysore University, Bangalore

JOURNAL OF THE UNIVERSITY OF BOMBAY University of Bombay Fort, Bombay

JOURNAL OF THE UNIVERSITY OF GAUHATI University of Gauhati Assam

JOURNAL OF THE UNIVERSITY OF POONA University of Poona Poona

JOURNAL OF THE UNIVERSITY OF TRAVANCORE University of Travancore, Trivandrum

NAGPUR UNIVERSITY JOURNAL Nagpur University Nagpur

RAJPUTANA UNIVERSITY STUDIES, University of Rajputana Jaipur

ZOOLOGICAL

JOURNAL OF THE ZOOLOGICAL SOCIETY OF INDIA Zoological Survey of India Indian Museum 127 Chowringhee Calcutta

PROCEEDINGS OF THE ZOOLOGICAL SOCIETY OF BENGAL Zoological Society of Bengal 35 Ballygunje Circular Road, Calcutta 19

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CIVIL AVIATION

ALLOTMENT under the Five Year Plan, Rs 22 87 crores

Compensation to air companies and purchase of new aircraft, Rs 9 5 crores

India's air transport services were nationalized by an Act of Parliament called the Air Corporations Act 1953 which received the President's assent on May 28 1953 The Act came into force on August 1, 1953

The internal air services are now managed by a corporation called Indian Airlines Corporation, and the external services by Air India International Corporation According to the Act the number of members of a Corporation cannot be less than five and not more than nine Each of the Corporations has a general manager

The Central Government has authority to give the Corporations directions about opening a new transport service closing an existing service or other changes in schedule At the end of a financial year the Corporations must present a report to the Central Government which will be laid before Parliament

Private agencies can use aircraft for purposes of instruction rescue or relief in survey fire fighting crop dusting locust control or for providing joy rides

There were 14 Indian transport companies holding permits on June 30 1953

An Air Transport Council is to be established so that certain points of common interest to different departments may be discussed

An Advisory Committee for each Corporation may also be appointed

There will be a Labour Relations Committee for each Corporation consisting of representatives of the Corporation and of employees formed in such a way that the representatives of employees are not less than the representatives of the Corporation This Committee will give advice to the Corporation on matters of labour

There is to be a special tribunal to determine compensation The amount of compensation is to be determined in accordance with certain principles laid down in a schedule to the Act

Government will negotiate with each company to arrive at an agreed figure If there are differences they will be referred to the tribunal Part of the compensation is to be paid in cash and part in negotiable bonds bearing a rate of interest of three and a half per cent

The names of the existing air companies taken over by the Indian Airlines Corporation as mentioned in the Act are

The Air India Ltd the Air Services of India Ltd The Airways (India) Ltd The Bharat Airways Ltd The Deccan Airways Ltd , The Himalayan Aviation Ltd The Indian National Airways Ltd The Kalinga Airlines

The Air India International Corporation took over the Air India International Ltd

The members of the Indian Airlines Corporation (Mandi House New Delhi) are

B C Mukharji I C S (Chairman) J R D Tata M L Khaitan Michael John B N Jha I C S (Secy Min of Communications) K R K Menon (Secy, R and I Min of Finance) I C Jain I C S (Dir Genl, Civil Aviation), K K Roy, P M Reddy

The members of the Air India International Corporation (New India Assurance Bldg, Bombay 1) are

J R D Tata (Chairman) B C Mukharji I C S K C Mohindra Michael John K C Bakhle B N Jha I C S, K R K Menon, L C Jain I C S

The Indian Airlines Corporation has appointed seven Resident Representatives to take over the services formerly run by the eight companies Three of them have their headquarters in Calcutta and the rest in Delhi, Bombay, Madras and Hyderabad

The line numbers of the airlines and their respective resident representatives are

(1) K K Roy Calcutta, (Airways India Ltd) Great Eastern Hotel

(2) C J Lilkaka, Calcutta (Bharat Airways, Ltd)

(3) P K Ghosh Calcutta (Himalayan Aviation Ltd) (Kalinga Airlines Ltd)

(4) J M Gupta New Delhi (Indian National Airways Ltd) Air India Bldg, Connaught Circus

(5) P M Reddy Hyderabad (Deccan Airways, Ltd) Bashir Bagh Road

(6) B K N Rao Madras (Air India Ltd) Khaleeli Mansions Mount Road

(7) W/Cdr W H Burbury Bombay (Air Services of India Ltd) New India Assurance Bldg, Mahatma Gandhi Rd, Bombay 1

Mr K K Roy is in over all charge of lines 1, 2, 3 and 4 while Mr P M Reddy has over-all responsibility for lines 5, 6 and 7

AIR SERVICES

The services conducted by the Indian Airlines Corporation are now numbered 1 to 7 The following table shows the numbers, the routes and also the names of the former companies which operated the routes when they were taken over

Number 8 is the external service

No	Former Company	Route	Frequency
1	AIRWAYS (INDIA) LTD, CALCUTTA	Calcutta Vishakapatnam Madras Bangalore	4 Weekly
		Calcutta Bhubaneswar Madras Bangalore	3 Weekly
		Calcutta Dacca	3 Daily
		Calcutta Gauhati Mohanbari	Daily
		Calcutta Baghdogra	2 Daily
		Calcutta Gauhati	2 Daily
		Calcutta Nagpur Bombay	Daily
2	BHARAT AIRWAYS LTD, CALCUTTA	Calcutta Bangkok Singapore-Djakarta	1 Weekly
		Calcutta-Patna-Banaras Lucknow Delhi	Daily
		Calcutta Chittagong	Daily
		Calcutta Agartala Silchar Imphal	Daily
		Calcutta-Agartala	12 Weekly
		Agartala Gauhati	2 Weekly
		Agartala Gauhati Tezpur Jorhat Mohanbari	Daily
		Gauhati Silchar Imphal	2 Weekly
3	HIMALAYAN AVIATION LTD, CALCUTTA	Bombay Karachi Zahidan Kandhar Kabul	3 Weekly
	KALINGA AIRLINES, CALCUTTA	Calcutta-Agartala (Freight Service)	2 to 8 Daily
4	INDIAN NATIONAL AIRWAYS LTD, NEW DELHI	Delhi-Lahore	Daily
		Delhi Jaipur-Jodhpur-Karachi	5 Weekly
		Delhi-Calcutta	Daily
		Calcutta-Rangoon	Daily
		Delhi-Amritsar Jammu Srinagar	Daily
		Calcutta Patna Khatmandu	5 Weekly
		Patna-Khatmandu	5 Weekly

AIR SERVICES—*contd*

No	Former Company	Route	Frequency
5	DECCAN AIRWAYS LTD, BEGUMPET	Madras Hyderabad-Nagpur-Delhi	Daily
		Hyderabad-Bangalore	Daily
		Hyderabad-Bombay	Daily
		Delhi Nagpur-Madras	Daily
		Bombay Nagpur Calcutta	Daily
6	AIR INDIA LTD, BOMBAY	Bombay-Calcutta	Daily
		Bombay-Delhi	Daily
		Bombay-Ahmedabad-Karachi	Daily
		Bombay-Madras-Tiruchirapalli-Colombo	Daily
		Madras-Bangalore-Coimbatore-Cochin-Trivandrum	Daily
7	AIR SERVICES OF INDIA LTD, BOMBAY	Bombay Keshod-Jamnagar Bhuj	5 Weekly
		Bombay Bhavnagar Rajkot	Daily
		Bombay-Poona Belgaum Bangalore	1 Weekly
		Bombay-Mangalore Cochin	3 Weekly
8	AIR INDIA INTERNATIONAL LTD, BOMBAY	Calcutta Delhi-Bombay Cairo-Rome Dusseldorf Geneva Paris London	3 Weekly
		Bombay-Karachi-Aden-Nairobi	2 Weekly

AIRCRAFT

Indian airlines have had a fleet of 110 aircraft But the actual number required to operate the services on the present scale cannot be more than 50

Of the 110 aircraft 91 are twin engined, 21 seater Dakotas 12 twin engined 27 seater Vikings, three four-engined 56 seater Sky masters and four four-engined, 44 seater, fully pressurised Constellations

Two of these four types of aircraft Dakotas and Vikings, both non-pressurised and each carrying a 4 member flight crew consisting of pilot, co pilot radio officer, and air-hostess, are operated on domestic sectors and short range foreign routes like Pakistan (both East and West) Burma, Ceylon, Afghanistan Kashmir, and Nepal, whereas non pressurised Skymasters operate on Calcutta—Bangkok—Singapore—Djakarta route

Pressurised Constellations operate from New Delhi, Calcutta and Bombay to Cairo Rome, Paris, Geneva Dusseldorf, London, Karachi, Aden, and Nairobi

International air carriers, like the Skymasters and Constellations, carry a complement of 7-member flight-crew—commander or pilot-in-command, first officer or co-pilot, flight navigating officer, flight engineer, flight radio officer, flight pursuer or cabin service officer, and air-hostess or stewardess

Sometimes on long range journey like Bombay Nairobi service, even ten member crew is also carried to ensure additional margin of safety

FACTS AND FIGURES

Some basic facts are as follows

Total route mileage	27,763 miles
Domestic route ,,	14,050 ,,
International ,,	13,713 ,,
Aircraft miles flown (Jan June 1953)	9,900,000
Passengers carried (Jan June 1953)	230,000
Freight carried (Jan-June 1953)	48 million lbs
Mail carried (Jan June 1953)	4 4 millionl bs
Load factor (Jan June 1953)	68 5 per cent
No of aircraft registered (1st July 1953)	655
No of aircraft holding certificates of airworthiness (1st July 1953)	167
No of pilots with A licences (1st June, 1953)	440
No of pilots with A 1 licences (1st June 1953)	2
No of pilots with B licences (1st June, 1953)	531
No of pilots with P 1 licences (1st June, 1953)	46
No of Navigators with 1st class licence (1st June, 1953)	12
No of Navigators with 2nd class licence (1st June, 1953)	54
No of Radio Telegraph Operators with 1st class licences (1st June, 1953)	16
No of Radio Telegraph Operators with 2nd class licences	160
No of Radio Telegraph Operators with Provisional licences	5
No of Radio Telephone Operators (Regular) 1st June, 1953	241
No of Radio Telephone Operators (Provisional) (1st June, 1953)	2
No of aircraft maintenance engineers with licences (1st July 1953)	612

On the 14 Indian transport companies 2 24 million miles were flown, and 54 130 passengers and 32 48 million lb of freight were carried between January and June 1953

Thus on the scheduled and non scheduled services together 12 million miles were flown 284,000 passengers carried, 80 million lb of freight, and 4 4 million lb of mail were transported between January and June 1953

The corresponding figures for the preceding half year were 12 7 million miles, 261,000 passengers, 107 5 million lb of freight and 4 4 million lb of mail

AERODROMES

There were 77 aerodromes in India on June 1, 1953

During 1952 53, the revenue that accrued to the national exchequer on account of the Central Government aerodromes was Rs 5,698,400

The Indian airlines contributed to that revenue to the extent of Rs 4,245,296 while the contribution of foreign airlines using Indian aerodromes totalled Rs 1,453,104

Below is a list of the aerodromes maintained by the Civil Aviation Department on June 1, 1953

The following aerodromes are classed as International Aerodromes

Bombay Airport (Santa Cruz), Calcutta Airport (Dum Dum), Delhi Airport (Palam)

The following aerodromes are classed as Major Aerodromes

Agartala (Tripura), Ahmedabad, Begumpet (Hyderabad), Bombay (Juhu), Delhi (Safdarjung) Gauhati, Madras (St Thomas Mt), Nagpur

The following aerodromes are classed as Intermediate Aerodromes

Allahabad, Amritsar, Aurangabad (Hyderabad), Baghdogra (West Bengal), Banaras, Baroda, Barrackpore, Bhavnagar, Bhopal, Bhuj (Kutch), Coimbatore, Cuttack (Bhubaneswar), Gaya, Indore, Jaipur, Jorhat (Assam), Junagadh (Hashod), Lucknow (Amausi), Madura, Mangalore (Bajpe), Mohanbari (Assam), Patna, Porbandar (Saurashtra), Rajkot, Tezpur (Assam), Tiruchirappalli, Trivandrum, Vijayawada, Vishakapatnam

The following aerodromes are classed as Minor Aerodromes

Akola, Asansol, Bareilly, Belonia (Assam), Bilaspur, Chakulia (Bihar), Cuddappah (Andhra), Donakonda (Madras), Gorakhpur (Rusmi), Jhansi Jharsuguda (Orissa), Jubbulpore, Kailashahar (Assam), Kamalpur (Assam), Kanpur (Civil) (Uttar Pradesh), Khandwa, Khowait (Assam), Kolhapur, Kotah (Rajasthan), Lalitpur (U P), Manipur Road (Assam), Mysore, North Lakhimpur (Assam), Palanpur (Deesa) (Bombay), Pasighat (Assam), Raipur, Rajahmundry, Ramnad, Ranchi, Sadiya (Assam), Saharanpur (U P), Shella (Assam), Sholapur, Tanjore, Udaipur, Vellore, Warangal

FLYING CLUBS

There were 10 flying clubs Centrally subsidized on 1st July, 1953—Delhi, Bombay, Madras, Bengal, Bihar, Hind Provincial, Orissa, Northern India, Madhya Pradesh, Government Flying Training School at Bangalore

A new club in Rajasthan started activities with the headquarters at Jaipur in 1953

These flying clubs trained 104 'A' and 47 'B' pilots between January and June 1953

The number of aircraft on charge on June 1, 1953 was 116, out of which 54 were serviceable and 62 unserviceable Out of 116 aircraft 40 belonged to the Government and 76 to the clubs

The number of pilots employed was 80, aircraft maintenance engineers 29, mechanics 82

The aircraft flew 1274 hours in one month—May 1953

There were two centrally subsidized gliding clubs on July 1, 1953—the Indian Gliding Association, Bombay, Delhi Gliding Club, New Delhi

The number of gliders on charge on 1st June, 1953 was 8 all of which belonged to Government The number of pilot instructors was two, and of operator cum mechanic one

The number of hours flown by the Association in Bombay in May 1953 was 26 hours and 22 minutes

It trained 17 pilots upto B certificate 3 pilots upto C certificate one pilot upto CC certificate

The total subsidy granted to flying and glider clubs in 1952 53 was Rs 971,847

The Government bought in all 151 training craft which they loaned to the flying and gliding clubs Of these only 75 (Aug 1 1953) were in commission The total cost of the 151 training craft was Rs 7,239,315

The Civil Aviation Training Centre at Allahabad opened in 1948 trains pilots, engineers aerodrome control officers, radio operators and technicians

AIR TRAINING

Facilities for training in flying aircraft engineering communications and air traffic control available at the Civil Aviation Training Centre, Allahabad comprises the following four wings, viz —

(1) Flying School, (2) Aerodrome Officers Training School (3) Engineering School, (4) Communication School

In addition a Repair and Overhaul Organisation is also attached to the Centre for carrying out repairs and overhaul of the Centre s aircraft

At the Civil Aviation Training Centre at Allahabad (Jan to June, 1953)

20 trainees completed the pilot s ground training course 16 the Dakota conversion course, 11 the aircraft maintenance engineers course, 18 the air traffic control officers course, 29 the aerodrome operators course, 11 the radio technicians refresher course eight the radio technicians advanced refresher course, 13 the radio operators advanced refresher course, and 5 the radio technicians abinitio course at the Civil Aviation Training Centre Allahabad

At the end of June 1953, 79 trainees were under training at the centre

The Centre has acquired the reputation of being the best of its kind in the East

AERONAUTICAL COMMUNICATION ORGANIZATION

This is a branch of the Civil Aviation Department organised in 1946

The aeronautical communication stations provide facilities for air/ground communication, radio aid to navigation, point to point communications and Met broadcasts for the benefit of aviators

For purposes of organization, India has been divided into four regions, each under the charge of a Controller of Communication, who is responsible for maintenance and operation of the communication stations in his region

The communication organisation has the following ancillary units —

The Radio Construction Unit, The Radio Development Unit, The Radio Stores Depot

The new installations and major repairs to technical equipment are carried out by the Construction Unit The Radio Development unit, which came into existence in January, 1948, is engaged in carrying out research and development work on problems pertaining to aeronautical communications The Radio Stores Depot is the central stores organization responsible for the stocking and distribution of all equipment and spares to the stations

A Research and Development Branch was created in April 1946

A Technical Centre has been established in New Delhi Research and Development work concerning problems of aircraft design, construction modification and repair, development of aircraft materials and processes, development and use of safety devices analysis of technical problems of air transportation and, in general, such scientific and advanced technical work considered necessary for the promotion of civil aviation is carried out at this Centre

The need for aircraft manufacturing was keenly felt immediately on the outbreak of the War and the Hindustan Aircraft Company was established in the year 1940 Aircraft, aeromaterials, accessories and parts are now being manufactured in the country

DEVELOPMENTS IN 1953

Night air services continued to operate satisfactorily during the period 13 343 passengers, 524,136 lb of freight and 1 564 396 lb of mails were carried on the night services giving a daily average of 74 passengers, 2,896 lb of freight and 8,643 lb of mails

The Government of India granted a loan of Rs 25 lakhs to Air India International Ltd towards the purchase of two Super Constellation aircraft

A provisional payment of Rs 3 lakhs was made to Bharat Airways Ltd as subsidy to cover the losses incurred by the company in the operation of its scheduled services on the route Calcutta Singapore during October, 1951 to October, 1952

Financial assistance to air companies was continued for the period January to December, 1952, at the rate of six annas per gallon of aviation fuel consumed on scheduled air operations

A new concrete runway at Calcutta (Dum Dum) airport 7 000 feet long by 150 feet wide with a paved overrun of 250 feet at each end was opened to traffic on March 1 1953

The work of extension of the east west runway at Bombay (Santa Cruz) airport from 5 200 feet to 7,000 feet was completed and the runway opened to traffic on May 15, 1953

Air traffic control facilities were provided at Imphal (Koirengie) and Pathankot aerodromes

An aerodrome visual beacon with alternate green and white flashes was installed at Allahabad on February 2, 1953

A land mark beacon was installed at Akola on March 2, 1953 and a mobile rotating beacon (aerial lighthouse) was put into commission at Raipur on April 4, 1953

A rotating beacon with white flashes was installed at Coimbatore on June 9, 1953

Sixteen new facilities were put into commission during the period under review

An aeronautical tele communication station was established at Balurghat aerodrome

An automatic marconi AD 200 VHF/DF facility was installed at the aeronautical tele communication station Nagpur and a high power MF beacon was installed at Mangalore

The reporting beacon previously installed and operated at Kalna was withdrawn and was re installed at Berhampore This beacon will facilitate control of air traffic at Dum Dum airport

Approach control facilities on VHF radio telephony channel were provided at Begumpet, Bhopal, Aurangabad, Jaipur Amritsar, Bangalore, Madras, Cochin and Coimbatore

In addition, a long range HF air ground radio telephony was provided at Bombay aerodrome, control VHF radio telephony at Bhavnagar and inter tower radio telephony at Mohanbari

Radio navigation and communication facilities were installed at Madura airfield

Emergency installations of aeronautical telecommunication and navigation facilities were carried out at Hatwa and Satna

During the period under review 13 major accidents occurred to Indian registered aircraft, of which one occurred outside India, in Nepal

Out of these 13, two accidents related to aircraft engaged on scheduled passenger air services, two to aircraft engaged on scheduled freight air services one to aircraft engaged in non scheduled operations and the remaining eight to flying club and private aircraft

Two of these accidents involved fatalities taking a toll of 21 lives

Dakota conversion courses for B licensed pilots were introduced at the Centre

The budget estimates for the year 1952 53 under the two demands, Revenue and Capital pertaining to civil aviation are as follows —

Revenue	Rs 2,80,28,000
Capital	Rs 1,50 00,000

India is a member of the International Civil Aviation Organisation and has been elected to its Council

AIR AGREEMENT

India has entered into bilateral air agreements with the following 12 countries on the dates shown against each —

U S A	14 11 46
France	16 7 47
Sweden	21 5 48
Pakistan	23 6 48
Ceylon	21 12 48
Switzerland	24 6 49
Australia	11 7 49
The Philippines	20 10 49
Netherlands	24 5 51
U K	1 12 51
Afghanistan	26 1 52
Egypt	14 6 52

The Agreement with Sweden is not operative at present

There are temporary air agreements with Italy, Thailand, Burma Norway Denmark, Iran Iraq, Sweden, Nepal Indonesia

NATIONALIZATION

Authorized capital of the companies taken over	Rs	214,071 429
Paid-up Capital	Rs	69 733 549
Total staff		9 500
Govt loan to Air India International at 4½ per cent interest	Rs	25 lakhs
Govt loan to Deccan Airways at 4½ per cent interest	Rs	19 5 „

Financially, most of India s airlines were a miserable failure Too many more air operators than were warranted for the country s requirements, too many aeroplanes, far in excess of her present needs, duplication and overlapping of existing routes paucity of both adequate and additional traffic potentiality, inadequacy of unexplored or untapped new routes, both in India and the neighbouring countries, lack of general prosperity among the travelling public rigid Government control on fares relating to passengers, air freight, and postal mail the specified routes on which to operate on the basis of a licence issued by the Air Transport Licensing Board of the Government of India s Directorate-General of Civil Aviation and highly prohibitive costs of aviation fuel and oil were some of the contributing factors, leading to the incurrence of huge losses by Indian civil air transport operators

Carriage of a major portion of the postal mail, passenger traffic, and air freight by night air services deprived the day air operators of what was formerly their legitimate due

Fares at present obtaining in India even for day services, are among the lowest in the world Any excessive slashing down of the existing fare structure is bound to be disastrous to the Indian air services There is actually a strong case for an enhancement of the present fares, if India's nationalised airways are not to prove a drain on India s exchequer

RAILWAYS

THE total route mileage of all the railways in India on April 1 1952 was 34 119 44 The total electrified route mileage was 23 99

Some railways are company managed The total route mileage of these railways on October 1 1952 was 965

The total capital at charge on March 31, 1952 was Rs 850 11 crores On other than Government railways the capital at charge was Rs 1 14 crores

There are three kinds of gauges broad (5 ft 6 in), metre (3 ft 3⅜ in) and narrow (2 ft 6 in) There is also a light gauge usually laid on the mountains (2 ft) Examples of this last are the Matheran (Hill) Light Railway and the Darjeeling Himalayan The longest line in this class is the Scindia State 294 miles

The fares are as follows —

Air Conditioned Class	30	pies per mile
*I Class	27	,, ,, ,,
II Class	16	,, ,, ,,
Inter Class	10 5 pies per mile (mail)	
,,	9 , , ,	(ordinary)
III Class	6 , , ,	(mail)
,,	5 , , ,,	(ordinary)

ZONAL ADMINISTRATION

The entire Government railway system is now regrouped into six administrations the Southern Railway the Western Railway the Central Railway the Northern Railway the Eastern Railway and the North Eastern Railway

The headquarters of the Southern Railway are at Madras, of the Western Railway at Bombay of the Central Railway also at Bombay, of the Northern Railway at Delhi, of the Eastern Railway at Calcutta, and of the North-Eastern at Gorakhpur

There are 10 company railways Barasat and Basirhat Light (Calcutta), Bukhtiarpur Bihar Light (Patna), Barsi Light (Kurduwadi)** Bombay Port Trust (Bombay) Calcutta Port Commissioners (Calcutta), Dehri Rohtas Light (Dalmianagar), Madras Port Trust (Madras), Martin Burn Ltd (Calcutta), McLeod and Co (Calcutta)

Before the amalgamation there were 35 railway systems in India of which 22 were owned by the Indian Government

These 22 were —

Assam, Bengal Nagpur, Bombay Baroda and Central India, Bezwada Dhone Kurnool, Darjeeling-Himalayan, East Indian, Eastern Punjab, Great Indian Peninsula, Madras and Southern Mahratha, Oudh Tirhut, South Indian, Bikaner State Railway, Kutch State Railway, Dholpur State Railway, Jaipur State Railway, Jodhpur Railway Mysore State Railway, Nizam's State Railway Rajasthan Railway, Saurashtra Railway, Scindia State Railway

The chief administrations were the Assam Railway, the Bengal Nagpur Railway, the Bombay Baroda & Central India Railway, the East Indian Railway, the Punjab Railway, the Great Indian Peninsula Railway, the Madras and Southern Mahratha Railway, the Mysore State Railway, the H E H Nizam's State Railway the Oudh Tirhut Railway the South Indian Railway and the Saurashtra Railway

The highest administrative authority for the railways is the Railway Board

The Indian Railway Conference Association New Delhi, is a sort of clearing house for all railways

The majority of the railways are still organized on a Departmental basis though the general drift is towards the Divisional organization

There are a number of Committees which have been associated with the Railway Administration Standing Finance Committee Central Advisory Council, Railway Rates Tribunal, Indian Railway Fuel Committee

There are also a number of standardization Committees such as for bridges structure track signalling and inter locking building locomotive, carriage and wagon, electrical, specifications

There are also Railway Users Consultative Committees at the zonal regional and national level

There is a Railway Service Commission in Bombay and another in Calcutta

A training college for railway officers and staff was opened at Baroda in January 1952

In the budget for 1952 53 there was provision for a Railway Research and Testing Centre at Lucknow

Some of the more important officials are given below

Chairman and Member (Engineering) Railway Board F C Badhwar

Chairman Railway Conference Association K P Mushran

General Manager, Central Railway H P Hira

, ,, *Eastern Railway* P C Mukerjee

, ,, *Northern Railway* K B Mathur

,, *North Eastern Railway* G Pande

,, , *Southern Railway* I A Joseph

,, ,, *Western Railway* K P Mushran

STATISTICS

Some statistical information about Indian Railways is given below —

	(Rs in crores)
Capital at Charge (March 31, 1952)	850 11
Total Mileage (April 1952)	34,119 44
Broad Gauge	15,702 37
Metre Gauge	15,060 38
Narrow and Light	3,356 69
New Lines opened to Traffic during 1951 52	16 35
Lines under Construction (1951 52)	284 29
Total No of Locos (March 31, 1952)	8,572
No of Steam Locos	8,483
No of Diesel Electric Locos	17
No of Electric Locos	72
Total tractive effort of Locos in lb	19,65,66,483
Tractive effort of Steam Locos in lb	19,39,57,483
Tractive effort of Diesel Locos in lb	4,58,400
Tractive effort of Electric Locos in lb	21 50 600
No of Passenger Carriages (March 31 1952)	15 034
Total No of Seats (March 31, 1952)	1,008 129
*No of 1st Class seats**	33 496
,, ,, *2nd Class* ,	38 996
, , *Inter Class* ,,	62,437
,, ,, *3rd Class*	873 200
No of Goods Vehicles (March 31 1952)	207 287
Total carrying Capacity in tons	3 649,864
Total No of Passengers Carried (1951 52) (Crores)	123 21
No of 1st Class Passengers (Million)	14 08
No of 2nd Class Passengers (Million)	4 98
No of Inter Class Passengers (Million)	21 42
No of 3rd Class Passengers (Crores)	119 16
Total Passenger Miles (Crores)	3 955
Average Miles per Passenger	32 1
Total Earnings from Passengers (1951 52) (Rs in Crores)	111 4176†
Earnings from 1st Class Passengers (Rs in Crores)	2 2500‡
Earnings from 2nd Class Passengers (Rs in Crores)	4 5712
Earnings from Inter Class Passengers (Rs in Crores)	6 6797
Earnings from 3rd Class Passengers (Rs in Crores)	97 7301
Goods Carried (1951 52) (Million tons)	98 025
Net ton Miles (Crores)	2,901 7658
Average Miles a Ton of Goods was Carried	296 0
Earnings from Goods Carried (Rs in Crores)	153 9493††
Average rate Charged for one Ton one Mile (Pies)	10 2

STAFF

The total strength of Staff (March 31 1952)	934 690§
Class I and II Staff	2,372
Class III and IV Staff	932 314
Class IV and Workshop Staff	650 275
The total cost of all Staff (Rs in Crores)	122 85
The total cost of Class I and Class II (Rs in Crores)	2 91
The total cost of Class III staff rising to above Rs 250 per month (Rs in crores)	6 72
The total cost of Class III staff rising to not more than Rs 250 per month (Rs in crores)	46 13
The total cost of workshop staff plus other staff of the Mechanical Dept Class IV (Rs in Crores)	27 49
The total cost of Class IV staff of all departments other than Mechanical (Rs in Crores)	39 60
Man days lost due to Sickness	7,494,909
Man days lost due to Strikes or Lock outs	17,345
Total Man days lost	7,512,254
Total No of Female Employees	7,899
Class I and II Officers	3
Class III Staff	
Clerks	609
Stenographers	61
Nurses	370
Teachers	398
Others	354
Class IV Staff	6,104

* *First Class was abolished on all Trains except some long distance trains on October 1, 1953*

** There is provision in the 1953 54 budget to take over this railway

† In 1952 53 the total passenger earnings were Rs 100 36 crores

‡ Gross earnings from Class I passengers (Jan March 1953) were Rs 41 25 lakhs

†† 1952 53 Rs 146 13 crores

§ Includes four officers on loan from the Indian Audit and Accounts Service

FINANCIAL STATISTICS (1951-52)

(Rupees in crores)

Capital at Charge	Gross Earnings	Working Expenses	Net Earnings	Percentage of Working Expenses to Gross Earnings	Percentage of Net Earnings to Capital
	FOR INDIAN GOVERNMENT RAILWAYS				
825 39	290 85	224 99	65 86	77 36	7 98
	FOR OTHER RAILWAYS				
11 2	3 24	2 52	72	77 59	6 48
			TOTAL		
861 55*	294 14*	227 58*	66 55*	77 37	7 72

*There are miscellaneous items which are included in the figure

The total dividend to General Revenues chargeable against Net Revenue Receipts of Indian Railways was Rs 33 41 crores in 1951 52 and Rs 32 51 crores in 1950 51

The value of stores imported direct by the Indian Railways (1951 52) -Rs 18 92 crores

The value of imported stores purchased in India--Rs 10 41 crores

The value of stores of Indian manufacture or of indigenous origin—Rs 68 34 crores

ROLLING STOCK (1952-53)

During 1952 53 791 indigenous coaches and 104 foreign coaches were put into commission compared with 673 and 98 in 1951 52

As regards wagons 6 377 indigenous and 6 611 foreign were put on the line in 1952 53 compared with 3,707 and 671 in 1951 52

ACCIDENTS

Accidents from movement of trains etc

	Killed	Seriously Injured	Minor Injuries
Passengers	403	1 396	1,886
Railway Servants	145	372	5,028
Other Persons	3 500	1 511	420
TOTAL	4 048	3 279	7,334

1	No of Collisions in which Passenger Trains were involved	13	
2	No of Derailment to Passenger Trains	156	
3	No of Train wreckings	8	
4	Attempted Trains wrecking	73	
No of persons killed seriously injured escaped with minor injuries in (1)		14 24 133	
No of persons killed seriously injured escaped with minor injuries in (2)		24 12 117	
No of persons killed, seriously injured escaped with minor injuries in (3)		*Nil* 1 12	
Total Number of persons killed, seriously injured or escaped with minor injuries in accidents due to collision, derailment, fires, failure of engines, etc		127 118 467	

TICKETLESS TRAVELLERS

The number of ticketless travellers during 1952 53 was 8 415 088 (1951 7 900 918)

The total amount of fare and penalty realized was Rs 1,66,68,073 (1951 Rs 1 65,58,180)

The number of persons challenged in the courts was 262 653 (1951 224 500) and the number found guilty 172 013 (1 50 486)

The amount of fine realized was Rs 5,12,219 (Rs 4 57,064)

1953-54 BUDGET

The main figures are as follows —

(Rupees in crores)

	Actuals 1951 52	Budget, 1952 53	Revised Estimate, 1952-53	Budget, 1953 54
Gross traffic receipts	290 82	282 16	269 55	272 28
Working expenses	194 35	187 93	189 10	191 20
Net miscellaneous expenditure	4 72	6 76	6 86	7 00
Appropriation to depreciation reserve fund	30 00	30 00	30 00	30 00
Total	229 07	224 69	225 96	228 20
Net railway revenues	61 75	57 47	43 59	44 08
Dividend to general revenues	33 41	34 00	34 11	34 77
Net surplus	28 34	23 47	9 48	9 31

The Capital budget (revised estimate) for 1952 53 Rs in crores 76 79

The Capital budget for 1953 54 ,, ,, 79 61

The capital programme placed primary emphasis on rehabilitation but due consideration was given to the necessity for augmenting rolling stock, the construction of new lines, relieving bottlenecks and providing better passenger facilities

Works was to commence on five new lines and seven other projects were to be surveyed

The Barsi Light Railway was to be purchased

Railway users were brought into closer contact with the administration at all levels with the establishment of Railway Users Consultative Committees at the regional zonal and national levels

First class railway travel was abolished on October 1, 1953 on all trains except a few

The ultimate objective, it was stated, was to have two classes, an upper and a lower besides air conditioned accommodation

Teachers of recognised schools became entitled to half concession fares on the railways for educational tours from April 1 Concession tickets to volunteers working on community projects were also issued from April, 1953

An *ad hoc* tribunal was set up to deal with labour disputes that cannot be settled by discussion between the Railway Board and the Railwaymens Federation

It was announced by the Minister for Railways in the course of his speech introducing the budget for 1953 54 that indigenous production was able to meet the normal requirements of the railways of rails, wagons and coaches

About 8,000 quarters were to be constructed for railway workers

In 1952 53 the bill for labour welfare was Rs 7 crores

SOME ALLOCATIONS FOR 1953-54

(Rs in crores)

For new lines and restoration of dismantled lines	6 70
Coach building factory at Perambur	1 30
Works, machinery, rolling stock	79 61
Staff quarters and amenities	4 86
Purchase of Barsi Railway	1 89

(Rs in lakhs)

Kalyan Power House	40
Railway facilities for Oil refineries at Kurla	40

The following developmental projects were either completed or taken up during 1952 53

Deesa Gandhidham section of the Western Railway opened in October 1952, Bijnor-Chandpur Sitapur section of the Northern Railway, restored and opened to traffic in November, 1952, Vasad Kathana line on the Western Railway expected to be completed in 1953, Quilon-Ernakulam metre gauge link on the Southern Railway commenced in December, 1952, and extension of Kalyan Power House, on the Central Railway, at a cost of Rs 3 crores, opened in December, 1952, work on the rail cum road bridge over the Ganga near Mokameh, was resumed

The following new lines were taken in hand in 1953 54

Khandwa Hingoli link in Madhya Pradesh, 186 miles long with a total anticipated cost of Rs 7 50 crores, rail connection from the Gau Barabil area to the Manharpur Rourkela section in Bihar and Orissa, 31 miles long at an estimated cost of Rs 3 5 crores, the Champa Korba line in Madhya Pradesh 22 miles long at an anticipated cost of Rs 88 lakhs, the Gandhidham-Kandla link in Kutch, 7 miles long with an anticipated cost of Rs 57 lakhs, the Gop Katkola line in Saurashtra, 21 miles long at a cost of Rs 34 lakhs, and conversion of the Tezpur-Balipara line, in Assam, on the North Eastern Railway, from narrow gauge to meter gauge, 20 miles long at a cost of Rs 40 lakhs

The following seven projects were under survey

The Deva Dasgaon line in Bombay, electrification of the Calcutta suburban section in West Bengal, the Mangalore Hassan line in Madras and Mysore States, the rail connection to Ktah, Uttar Pradesh, rail connection to Chandigarh, in the Punjab, the Tildanga Malda branch in West Bengal, the Fatehpur Churu line in Rajasthan

ROLLING STOCK

The rolling stock programme for 1953 54 would cost Rs 42 crores of which Rs 16 69 crores were for purchases from abroad

At the Chittaranjan Locomotive Works already about 70 per cent of locomotive parts are manufactured

It is expected that by the end of 1954 all except proprietary and some special parts will be manufactured in this country

Till the end of 1952 the Works produced 49 locomotives

The Tata Locomotive and Engineering Co produces metre gauge locomotives Till the end of January 1953 it produced 35

When the two are in full production India will be self sufficient in the matter of locomotive replacement

About passenger coaches the Perambur factory will be able to produce 350 all steel coaches when working at full capacity

Wagons have been manufactured in India for 30 years

Total number of locomotives to be acquired in 1953 54	245
No that will come from Chittaranjan	36
No of boilers to be acquired	187
Total no of wagons to be acquired	11,264
No which will be manufactured in India	7,000
No of passenger coaches to be acquired	1,143
No which will be manufactured in India	600 to 650

EFFICIENCY

Composite index of operating efficiency on broad gauge lines	1950 51	100 7
	1951 52	192 8
Composite index of operating efficiency on metre gauge lines	1950 51	92 4
	1951 52	93 6
Punctuality on broad gauge	1950 51	77 1
	1951 52	78 4
Punctuality on metre gauge	1950 51	74 3
	1951 52	81
No of new trains introduced	4pr 1952 Jan 1953	109
No of trains whose runs were extended	, ,, ,, ,,	108

The statistical position about the regional administrations for 1952 53 was as follows

CENTRAL RAILWAY, 1952-53

(Victoria Terminus, Bombay 1)

Total Route Mileage	5 427 61
Broad Gauge	4 091 14
Metre Gauge	772 49
Narrow Gauge	563 98
New Construction in Hand, Mileage	4 21
Mileage Electrified	184 85
Capital at Charge (Rs in crores)	165 70
Gross Revenue Receipts (Rs in crores)	46 70
Working Expenses , ,, ,,	38 36
Net Revenue Receipts ,	8 34
No of Locos actually running on March 31 1953 — *Steam*	1 085
Electric	66
Total No of Passenger Carriages (in units) actually running on March 31 1953	1,862
Passenger Carrying Capacity Seats by Classes—	
Air Conditioned	112
First Class	9 232
Second Class	6 286
Inter Class	4 915
Third Class	122,649
No of Passengers Carried (in millions)	240 5
No of Wagons actually running on March 31, 1953 — *Covered*	21,809
Open	7,761
Tonnage lifted (in millions)	17 2
Total No of Staff on March 31, 1952	168 068

EASTERN RAILWAY, 1952-53

(Esplanade Mansions, Calcutta 1)

Total Mileage		5,674 90
Broad Gauge		4,732 93
Metre Gauge		*Nil*
Narrow Gauge		941 97
New Construction in Hand		17 198
Mileage Electrified		*Nil*
Capital at Charge	Rs	2,18,74,63,116
Gross Revenue Receipts	Rs	70,83,12,154
Working Expenses (including Suspense)	Rs	59,19,15,392
Net Revenue Receipts	Rs	11,63,96,762

NORTHERN RAILWAY*

(Baroda House, New Delhi)

Total Mileage	6,044 020	Miles
Broad Gauge	3,905 566	Miles
Metre Gauge	2,010 524	Miles
Narrow Gauge	127 93	Miles
New Construction in Hand	145 05	Miles
Mileage Electrified	*Nil*	
Capital at Charge	Rs 1,35,18,34,000	
No of Passengers Carried on the System	154,377,418	

* Figures are for 1951 52

NORTH-EASTERN RAILWAY, 1951-52

(Gorakhpur)

Total Mileage		4,766 87
Broad Gauge		2 15
Metre Gauge		4,712 75
Narrow Gauge		51 97
New Construction in Hand		*Nil*
Mileage Electrified		*Nil*
Capital at Charge† (in thousands)	Rs	8 45,032
Gross Earnings†	,, ,,	2,79,625
Working Expenses†	,, ,,	2 91,062
Net Earnings†	, ,,	(—)11,437
Total No of Engines on line (in units)		993
No of Locos (Electric)	,,	*Nil*
No of Passenger Coaches	,	2,239
Passenger Carrying Capacity —		
(a) Air Conditioned	,	*Nil*
(b) 1st Class	,	2,806
(c) 2nd Class	,,	3,137
(d) Intermediate Class	,,	8,134
(e) 3rd Class	,,	99,350
No of Passengers Carried (in hundreds)		12,61,804
No of Goods Wagons Covered (in units)		16,052
No of Goods Wagons Open	,,	1,764
Tonnage lifted (tons in hundred)		10,551
No of Staff (Total) (in units)		106,868

† Provisional

SOUTHERN RAILWAY, 1952-53

(Madras Central, Madras)

Total Mileage	6,024 40
Broad Gauge	1 763 30
Metre Gauge	4 158 90
Narrow Gauge	102 20
New Construction in Hand — Quilon - Ernakulam Railway—M G (in miles)	106 25
Mileage Electrified	18 14
Capital at Charge (Rs in crores)	119 16*
Gross Revenue Receipts (Rs in crores)	47 38*
Working Expenses (Rs in crores)	35 23*
Net Revenue Receipts (Rs in crores)	12 15*
No of Locos (Steam)	1,417
No of Locos (Electric)	4
No of Passenger Coaches	3,097
Air Conditioned Passenger Carrying Capacity	*Nil*
I Class	2,957
II ,,	9 270
Inter ,	13 913
III ,,	175,583
No of Passengers Carried (in thousands)	213 264
No of Goods Wagons (Covered)	15,409*
No of Goods Wagons (Open)	5,322*
Tonnage lifted (in thousands)	13,908
Staff (Total)	133,009

* Provisional

WESTERN RAILWAY, 1952-53

(Churchgate, Bombay)

Total Route Mileage	5,576 47
Broad Gauge	1,261 33
Metre Gauge	3,588 11
Narrow Gauge	777 03
New Construction in hand	
(i) *The Nadiad Pithj N G Line*	8 5 *miles*
(ii) *The Sangara Town—Toda Raisingh M G Extension*	65 22 *Miles*
Mileage electrified	37 25 (route miles)
	Rs
Capital at Charge	109 30 crores
Gross Revenue Receipts	41,50,82,279 4 9
Working Expenses	27,60,54,952 11-11
Net Revenue Receipts	13,90,27 326 8 10
*No of Locos (Steam)**	1,192
*No of Locos (Electric)**	2
*No of Locos (Diesel)**	27
*Rail Motor Coaches**	42
No of Passenger Coaches	2 504
Passenger carrying capacity Air conditioned	261
Passenger carrying capacity 1st Class—	
Broad Gauge	4,964
Metre Gauge	2,472
Passenger carrying capacity (2nd Class) —	
Broad Gauge	3,009
Metre Gauge	4,195
Narrow Gauge	727
Passenger carrying capacity (Intermediate Class)—	
Broad Gauge	3 119
Metre Gauge	4,795
Passenger carrying capacity (3rd Class) —	
Broad Gauge	63,767
Metre Gauge	71,249
Narrow Gauge	9,479
No of Passengers carried	261,697,235
*No of Goods Wagons (covered)**	16,862
*No of Goods Wagons (open)**	7,402
Tons carried	13,233,101
No of staff	110,756

* Provisional

COMPANY RAILWAYS

Company	Gauge	Length in miles	Designation of man in charge	Headquarters
B & B L	Narrow	52	Director and Manager	Calcutta
B B L	,,	33	General Manager	Patna
B L*	,,	203	Agent and General Manager	Kurduwadi
B P	,,	42	Manager and Engineer	Magra
B P T	Broad	8	Chairman	Bombay
C P C	,,	198	Chairman	Calcutta
D R L	Narrow	24	Manager	Dalmianagar
M P T	Broad and Metre	4	Chairman	Madras
Martin Burn & Co	Narrow	248	General Manager	Calcutta
MacLeod & Co	,,	153	Advisory Officer	Calcutta
Total mileage		965		

* There is provision in the 1953 54 budget to take over this railway

LOCOMOTIVES

The country's requirements in locomotives is about 200 a year

At present there are two factories which manufacture locomotives the Chittaranjan Locomotive Works at Chittaranjan in West Bengal and the Tata Locomotive and Engineering Company The former has an installed capacity of 120 locomotives a year and the latter of 100 Together, therefore, they will be able to meet the country's requirements when they go into full production The Tata company which produces metre gauge locomotives works with the co operation of the German firm of Krauss Maffei

At present the out turn from the Chittaranjan works is 60 per year

Meanwhile the import programme has been as follows

	Numbers	Value in Rs lakhs
1948 49	149	4,54
1949 50	432	19,03
1950 51	220	8,79
1951 52	80	3,00
1952 53 (Est)	207	20,80
1953 56 ,,	313	

GOODS WAGONS

The normal annual requirements of Indian railways is about 6,000 wagons

Wagons have been manufactured in India for about 30 years At present wagons are built at the railway workshops and the four following firms 1 Burn & Co, Howrah, 2 Braithwaite & Co, Calcutta 3 Indian Standard Wagons Ltd, Burnpur, 4 Jessop & Co, Calcutta

The four firms listed above have an installed capacity of 6,000 wagons a year so that normally it should be possible to meet India s requirements from internal production The supply of raw materials however like steel and of manufactured parts like wheels and axles do not keep up to the demand

The actual production in 1951 52 was 3,925 wagons

The import schedule is as follows

1951 52	2 460
1952 53	1 744
1953 54	1 460
1954 55	4 740
1955 56	4 740

PASSENGER COACHES

Passenger coaches have been built in this country for the last fifty years in railway workshops though certain parts like wheels axles underframes and electrical equipment have had to be imported

At present coaches are built besides the railway workshops at Hindustan Aircraft Ltd and two private companies —Braithwaite & Co Ltd and Indian Standard Wagon Co Ltd The foundation of the workshop at Perambur in Madras for the manufacture of all steel integral types of coaches has been laid

The installed capacity is roughly as follows the two private companies—250 bogies per annum, railway workshops –500 bogies

The Hindustan Aircraft has plans to increase its capacity to build 100 to 180 bogie passenger coaches per year

The Perambur workshop when it is in full production (1957) will have a capacity to build 300 to 350 all steel integral type coaches per annum It will cost about Rs 4 crores, and will start production by 1955 and will produce about 50 coaches in the first year (1955 56)

The required replacements (both arrears as well as current) during the Plan period is estimated at 8 935 As against this it is estimated that over 5 600 units will be available

Production of coaches and underframes has been as follows

	Coaches	Underframes
1948-49	228	118
1949-50	337	1 540
1950 51	479	984
1951 56	4 380	not available

The import schedule has been as follows

1952 53	274
1953 54	292
1954-55	315
1955-56	315

FIVE-YEAR PLAN

Total allotment Rs 400 0 crores

The *most serious problem* is that of renewal and the provision of new equipment

The proportions of the over age stock are somewhat as follows By March 31 1956 about 2,090 locomotives, 8 535 coaches 47,533 wagons will reach the normal age of replacement

The position about stationary equipment is just as grave Present speeds are restricted over 2,000 miles of track because of its weak condition

As against this the supply position would be as follows

Locomotives Chittaranjan would produce 120 locomotives and 50 spare boilers per annum and the Tata works will produce about 200 locomotives

Coaches The estimated indigenous output during the Plan period is 4 380 The coach factory at Perambur will not start working till 1956

Wagons About 30 000 will be produced during the Plan period

About track it is proposed to deal with 400 to 500 miles of track every year Use will be made of indigenous supply About 2 3 million wooden sleepers (cost Rs 3 9 crores), 8 lakhs of cast iron sleepers and 6 lakhs of steel sleepers will be purchased

Provision has been made for creating two new depots for the creosoting of timber at Cluttenbuckganj and Coimbatore in addition to those already in existence at Dhilwan (Punjab) and Naharkatiya (Assam)

Provision has been made for the opening of new lines at a cost of Rs 20 crores

For the whole Plan period the sum allotted is Rs 400 about Rs 80 crores a year Out of this Rs 320 crores will be raised by the railways themselves and Rs 80 crores will be provided as a grant from the Central revenues

ROADS

THE country s road system in 1950 51 may roughly be described as follows—

The position of extra municipal roads metalled and unmetalled as on March 31 1948 was as follows —

Metalled				Unmetalled	Total
Bituminous	Concrete	Water bound macadam	Total surfaced		
10 711	763	78 634	90,108	158,806	248,914

The mileage of the national highways is 13 500 Out of this the four great trunk roads are 5 000 miles long

The four great trunk roads stretching diagonally across the country form the framework with which most of the important subsidiary roads are linked The most famous is the ancient marching route known as the Grand Trunk Road which stretches right across the northern part of the country from Delhi to Calcutta the other three connect Calcutta with Madras, Madras with Bombay and Bombay with Delhi and the four of them together account for about 5 000 out of the 90,110 miles of surfaced roads in the country

These roads cannot be considered all weather roads according to modern standards The Madras Calcutta Road in particular is far from being bridged throughout its entire length

As regards subsidiary roads, the best and most numerous are in South India The worst served regions are Rajasthan and parts of the Punjab on the one hand, and Orissa and West Bengal on the other, the former owing to its aridity and sparse population and the latter because of the numerous unbridged and mostly unbridgeable waterways which traverse it In addition there are numerous other parts of the country such as the lower Himalayas, which suffer from a dearth of communications owing to difficult terrain

Besides surfaced roads, there is a very large mileage of kutcha roads amounting to approximately 160 000 miles, some of which are good for motor traffic during the dry weather

The department in the Central Government which deals with the overall direction of the roads plan and co ordination of provincial planning is the Roads Organization under the Ministry of Transport The chief official is the Consulting Engineer for Roads

It gives technical advice and arranges for the allocation of Central Road Fund reserves among the States

DEVELOPMENT COMMITTEE

The Road Development Committee recommended the creation of a Road Development Account out of the proceeds of the import and excise duties on motor spirit, whose unexpended balances should not lapse at the end of the financial year

The resolution dealing with the disposal of the Road Development Account at present in force in India was passed by the Indian Parliament in 1950 Its main features may be described as follows The special tax on petrol introduced in 1929 shall continue to be levied for road development the proceeds of which, after retaining a reserve of 20 per cent for administration research and special grants in aid, shall be allocated for expenditure in the different States in the ratio of the petrol consumption in the various areas These sums may be spent on the construction, reconstruction or substantial improvement of roads and bridges including the cost of preparation of road schemes—but not for ordinary road upkeep or maintenance—on interest and amortization charges on road loans sanctioned hitherto by the Government of India and also on administration of State Boards of Communications and establishment connected with the control of motor transport

The Government of India, laid down that at least 25 per cent of the State shares in the Road Fund should be used on Feeder Roads and that not more than 25 per cent can be used on roads which compete with the Railways

With the levy of a surcharge on petrol, the share of the petrol duty available for the Road Fund was increased from 2 annas to 2¼ annas per gallon with effect from October 1, 1931 Upto the end of March 1951 total receipts in the Central Road Fund since its inception were about Rs 36¾ crores and those in the Central Road Fund Reserve since its inception were about Rs 7 crores

On the administrative side roads except for the small mileage of National Highways described later are a State subject and may be divided into two main classes, State Roads under the Public Works Department and Local Roads in charge of local bodies

India s road system is grossly inadequate for the country s needs and a comparison with other advanced countries will show how great is the leeway that has to be made

For example, the road mileages per 100 square miles of area are 202 in the United Kingdom, 184 in France 103 in the U S A 90 in Germany 89 in Italy and 70 in Ceylon India s road mileage for the same area is 22 representing less than one ninth of the U K and one third of Ceylon

NAGPUR PLAN

The Central Road Fund could, at best, increase the annual road expenditure by roughly 15 per cent Following persistent representations from the Indian Roads and Transport Development Association of Bombay, the need for an extensive programme of road development was accepted by the Government of India

In December 1943 the Chief Engineers of the various States met in conference at Nagpur and evolved a road plan based on the minimum needs of the country Adopting as their objective the very modest proposition that no village in a well developed agricultural area should remain more than 5 miles from a metalled road the Chief Engineers recommended the increase of Indian Union s road mileage to 385,000 of which 200,000 miles would be motorable

The net increase in road mileage under this Plan now known as the Nagpur Plan works out at 50 per cent

While the Government of India as well as the State Governments endorsed these recommendations in general terms, there was no general acceptance of a time limit for the implementation of the plan

However, five-year programmes for commencement from April 1947 and representing varying proportions of the Nagpur scheme were prepared by the States for their respective areas in 1945 46

These Programmes exclusive of National Highways were estimated to cost nearly Rs 120 crores over the five year period, the following being the allotments (in crores of rupees) proposed for the individual States U P 30 72, W Bengal 12 00 Bombay 20 80, Madras 20 77, Bihar 13 60 East Punjab 4 00 Madhya Pradesh 7 00 Assam (before detachment of part of Sylhet) 5 32 and Orissa 4 00

The Programmes embraced the construction or improvement of 80,000 miles of roads as under

State & District Roads

Mileage improvement	33,393
Mileage, new construction	17,509

Village Roads

New construction & improvement	30,098

Some of the States, particularly Bombay and Madras, have since revised and reduced their 5 year programmes to roughly Rs 8 crores each

Progress in the implementation of the Nagpur Plan is however most disappointing Owing first to shortage of material and later of funds Uttar Pradesh, the Punjab, Orissa and many other States had to abandon large portions of their plans

The 5 year period covered by these plans ended on 31st March 1952 and inclusive of Parts B and C States the total expenditure is estimated at Rs 50 crores representing less than half of what the States planned to accomplish

The Central Government as part of their contribution towards post war development accepted liability for the construction and maintenance of the National Highways with effect from 1st April 1947

10 000 miles of highways are now being maintained by the Central Government

The five year plan for the development of National Highways was originally estimated to cost Rs 36 crores but was reduced to Rs 23¾ crores subsequently Although financed by the Centre, the actual execution of the work is carried out through the State P W Ds But the total expenditure is now expected not to exceed Rs 9 crores

Out of about 1,080 miles of missing links in the National Highway System about 130 miles have since been constructed at a cost of Rs 1 42 crores and 285 miles are under construction

Fifteen major bridges have been constructed at a cost of about Rs 2 crores and 47 more bridges estimated to cost Rs 3 4 crores are under construction

In addition 1,200 miles of highways have been improved and upgraded while work on 580 miles is at present in progress

Total expenditure during 1947 48 to 1951 52 was Rs 21 66 crores

The expenditure of Rs 9 crores on National Highways and Rs 50 crores on other roads during the past few years works out at an average annual expenditure of Rs 12 crores on road development

At present nearly Rs 13 crores is being spent in addition on Road Maintenance, making a total road expenditure of Rs 25 crores

As against this, the Governments at the Centre and in the States are now realizing a revenue of Rs 45 crores annually from motor transport, as under —

	Revenue, approx 1950 52 Rs In Crores
Central Revenues	
Motor Spirit Duties	21 36
Tyre Excise ,,	4 01
Vehicle Import ,,	9 44
	34 81
State Revenue *	
Vehicle Taxes	6 13
Petrol Sales Taxes	4 00
	44 94

*1949-50 estimates

THE NEW PLAN

The second Five Year Plan of National Development which has now been adopted under the Planning Commission s recommendations makes the following provision —

	(Rs in crores)
Central Government	31 24
'A States	50 59
'B States	15 83
Jammu & Kashmir	4 95
'C States	6 27
Total	108 88

STATEMENT SHOWING THE NUMBER OF DIFFERENT TYPES OF VEHICLES IN INDIA

Motor Vehicles 1950-51

Serial No	Name of State	Motor Cycles	Private Cars	Public Service Vehicles				Goods Vehicles		Miscellaneous		Total Vehicles		Total No of Motor Vehicles	Bullock Carts (1950 51)
				Motor Cabs		Other P S Vehicles									
				Diesel Engined	Others	Diesel Engined	Others	Diesel Engined	Others	Diesel Engined	Others	Diesel Engined	Others		
	PART 'A' STATES														
1	Assam	501	4,516		158		1 267	29	4,085	13	821	42	11,348	11,390	75 665
2	Bihar	1 517	6,884		198		1,266	36	3,566		68	36	13,499	13 535	510 359**
3	Bombay	5,962	33,703		2,432	480	4,060	456	14 546			936	60,703	61 639	1,077,372
4	Madhya Pradesh	1,302	4,519		158	83	1,307	12	3,521		81	95	10,888	10,983	1,456 680
5	Madras	3,681	21,508		918	272	6,083	359	9,309	41	206	672	41 705	42 377	1 595,775
6	Orissa	410	1,990		43		616	16	1,878		1	16	4 938	4 954	374,144**
7	Punjab	1,039	2,989		405		1,158	1	2,778		49	1	8 398	8,399	299,273
8	Uttar Pradesh	1,889	10,195		357		3,356		6 590		242		22,634	22 634	1,577 613
9	West Bengal	2,090	25,150		4 459	7	5,094	3	19 112	12	168	22	56 073	56,073	537,768**
	PART 'B STATES														
1	Hyderabad	2,247	6 976		533	576	505	350	2,879		87	926	13 227	14,153	625,194
2	Jammu and Kashmir	52	602		118		1,625				338		2,735	2,735	999
3	Madhya Bharat	241	2,372		15		457		878				3,963	3,963	394,394
4	Mysore	1,420	4,428		170	50	1,199	20	1 801			70	9,018	9 088	302 768
5	PEPSU	338	1,315		24		687	1	529		932	1	3,835	3,836	89,426
6	Rajasthan	803	5,501				1,281		3 326		158		11,069	11,069	390,959**
7	Saurashtra	467	2 825		500	5	500	26	1,749		410	31	6 451	6,482	36,612**
8	Travancore-Cochin	251	2 989		298	4	1,306	21	1,770		1	25	6,615	6 640	21,670**
	PART 'C' STATES														
1	Ajmer	117	1,000		20	1	105		176		62	1	1,480	1,481	20,678
2	Bhopal	45	425				68		287		44		869	869	67,278
3	Bilaspur		3				5		5		3		16	16	18
4	Coorg	28	229		30	3	82	7	404		10	10	783	793	993
5	Delhi	2,486	6,904		504	14	311	4	1,506			18	11,771	11,789	7 945
6	Himachal Pradesh*	13	131		16		20		146		4		330	330	1,134
7	Kutch*	45	343		20		110		2,376				2 894	2 894	30,919
8	Manipur	66	148				9		450		42		715	715	13,762**
9	Tripura	2	26		36		64		86		23		237	237	515
10	Vindhya Pradesh	76	290			1	215	3	398		4	4	983	987	121 066
	PART 'D' STATES														
	Andaman & Nicobar Islands	7	12		10		19		9		5		62	62	
	Total	27,105	147,953		11,482	1,496	32,775	1,344	84,165	66	3,759	2,906	307,299	310,145	9,630 975

* Including the vehicles exempted from tax ** Figures relate to the year 1945

INLAND WATER-WAYS

IN pre railway days inland navigation played an important role in the transport system of the country The decline began with the construction of railways in 1855 While the railways received every assistance from the Government to expand the water transport which was then only in its initial stages of mechanisation and was thus not in a position to provide the security, safety and speed comparable with the railways was allowed to languish

Almost simultaneously it received another blow when big irrigation schemes were taken up and consequently large scale withdrawals of water from the already meagre supplies of the rivers were effected

To add to these adverse circumstances there was no central co ordinating authority to improve and maintain the water ways and provide the appropriate navigational facilities as inland navigation has always been a provincial subject

It has come to be recognised that the most rational way to deal with a river is to treat it as a unit from the source to the mouth irrespective of administrative boundaries Also the utilisation of the water resources of a river should, as far as possible, be on a multi purpose basis including irrigation generation of hydro electric power and navigation in order to secure the most economic exploitation

The present constitution therefore provides for the control of the Central Government on navigation on inter State rivers and national water ways Besides a Central Water and Power Commission has been set up to assist in the co ordinated multi purpose development of the water resources of the country

It is consequently expected that inland navigation in the country will before long play its due role in the transport system of the country Further Government has set up a Ganga Brahmaputra Water Transport Board which will co ordinate and stimulate the navigational activities of the States of U P Bihar West Bengal and Assam situated on this river system

Looking back on the state of navigation on the main rivers about a hundred years ago, it is noticed that large steamers plied on the Brahmaputra upto Dibrugarh, on the Ganga as far as Garmukteshwar over 700 miles above Patna, and Kanpur *en route* presented the appearance of a large port on the Yamuna as far as Agra, and on the Ghagra only 30 years ago, a regular service was maintained upto Ayodhya, 200 miles upstream of its confluence with the River Ganga

A number of canals constructed for irrigation included provision for navigation

PRESENT POSITION

At present steamers ply regularly on the Brahmaputra river upto Dibrugarh but on the Ganga is far as Patna only with feeder services upto Buxar on the Ganga and Barhaj on the Ghagra

There are other parts of the country where canal navigation is still active In Andhra and Madras States for instance the Godavari Canals including the Dummagudan Canal the Kistna Canals, the Buckingham Canal the Kurnool Cudappah Canal the West Coast Canals and the Vedaranniyam Canals are important highways for water borne traffic

The Godavari and Kistna Delta canals in Andhra are indeed the chief means of transport in that region and afford a cheap and ready mode of access to all markets

The Buckingham Canal in Madras has played an important part in the trade of the country traversed by it and in particular during the last war when the traffic was heavy it afforded considerable relief to the railways

On the west coast the backwaters form the chief means of communication and transport

In Orissa, too there are some 200 miles of navigable canals in constant use

Then there are the important water ways of West Bengal, comprising besides the delta river system also the canals around Calcutta

The records of imports and exports into and from Calcutta show the extent to which the largest seaport in India depends upon its water way communications Post partition figures show that 12 per cent of the trade of the port arrives and leaves by water ways

As by far the greater proportion of the water borne traffic of the country is carried by the unorganised country boats reliable figures are not available as to the total ton miles of traffic thus moved

It has been estimated however that this would amount to only about one per cent of the total railway traffic of the country

The approximate length of navigable water ways at present in India is as follows —Uttar Pradesh 745 miles, Bihar 715 miles West Bengal 777 miles Assam 920 miles Orissa 287 miles, Madras and Andhra, 1 700 miles Total 5 144 miles

The above mileages are approximate and take into account only the main water ways navigable by steamers and large country boats They do not include the numerous tidal creeks on the coasts which are not connected to an inland water ways system

Out of 5 144 miles of navigable water ways 1,762 miles are navigated by steamers, details of which are given below —

	Miles
River Ganga –Patna to Jalgola (Border)	315
Patna to Buxar (Feeder service)	100
River Ghagra Confluence Ganga/Ghagra to Barhaj	97
River Hooghly Calcutta to Sundarbans (Border)	150
River Brahmaputra Dibrugarh to Dhubri (Border)	400
(Feeder services on tributaries)	375
(Feeder service on Surma Valley)	85
River Bhagirathi—Calcutta to Ganga River (during rains only)	180
River Brahmaputra—Dibrugarh to Sadiya (during rains only)	60
Total	1 762

Statistics of water borne traffic are not maintained in this country Detailed figures are available only for traffic carried on the navigation canals, which are maintained for the purpose of assessing tolls

The tonnage of goods carried on the canals are given below as available —

Uttar Pradesh 24 441 tons (1945 46), Bihar 69 795 tons (1939 40), West Bengal 1 278,870 tons (1938 39) 547,637 tons (1948 49) (Circular and New Cut Canals in Tollys Nullah only) Orissa 185 947 tons (1948-49), Madras*, 1 493 751 tons (1947 48)

It is interesting to note that the two of the largest Steamer Companies, The India General Navigation and Railway Co Ltd, and the River Steam Navigation Co, Ltd, who operate over 5,000 miles of the Ganga and Brahmaputra system of rivers in India and East Pakistan, and who carry about 75 per cent of the total goods handled by power craft, carry about 2 million tons of goods and 10 million passengers per annum (Separate figures for India and Pakistan are not available)

FUTURE

Allotment under the Five Year Plan—Rs 0 10 crores

Conservation of water resources on a multi-purpose basis and/or river training works or resuscitation of old ones offer the following potential new navigable water ways

1 **Uttar Pradesh** : (*a*) Revival of navigation of the Ganga river Patna Buxar Allahabad (*b*) Revival of navigation on the Ghagra river upto Bahram Ghat

2 **Bihar** (*a*) Navigation on the Kosi river is included in the programme of the Kosi Dam Project (*b*) Development of navigation on the Ganduk river (*c*) Development of navigation on the Son river feasible with the construction of the Rihand Dam

3 **West Bengal** (*a*) The construction of a navigation canal from Durgapur to the Hooghly river to connect the coal fields in West Bengal and Bihar with the port of Calcutta, is included in the programme of the Damodar Valley Project (*b*) Resuscitation of the Bhagirathi route affording a direct and much shorter navigation connection from the port of Calcutta to Bihar and U P by the construction of a barrage on the Ganga river This is being investigated under the Ganga barrage project

4 **Orissa** (*a*) Resuscitation of the Orissa coast canal to restore the connection between the Hooghly and Dhamra rivers (*b*) The Mahanadi Valley Project provides for the navigation on the Mahanadi river upto Hirakud dam, about 300 miles from the sea

5 **Assam** The various tributaries of the Brahmaputra offer great scope for development of navigation

6 **Madhya Pradesh** (*a*) Provision for navigation of the Narmada river is aimed at in the investigations in progress on the Narmada Valley projects (*b*) Conditions are favourable to obtain a navigation link between the east and west coasts *via* the Narmada river and the Johut Son rivers or Bearma Yamuna rivers

7 **Bombay** : The construction of dams on the Narmada and Tapi rivers will provide navigational facilities on these rivers

8 **Andhra** Development of the Kistna, and Godavari rivers could also provide navigational facilities

A priority list has been drawn up in accordance with which it is proposed to develop navigation In the first stage it is proposed to extend navigation on the Ganga river above Patna as far as Allahabad

Mr Otto Popper an Inland Navigation Expert and former Member of the International Danube Commission visited India on behalf of the E C A F E in February 1950 In his report he suggested a scheme for better organisation and running of country boat services

The scheme visualises the registration of all country boats with a carrying capacity of 10 tons or more and the issue of certificates of river worthiness the provision of shallow draught tugs for towing the boats, the issue of transport documents for goods carried, etc

The E C A F E have recommended that the improvements suggested by Mr Popper should be given effect to, and have proposed that a pilot project of shallow draught tugs towing country-boats and barges, operated under the auspices of the U N Technical Assistance Programme be initiated The Government of India has approved of the planned project

During the year 1951, the U N Technical Assistance Administration and E C A F E organised a tour for the study of technological advances in inland water transport methods abroad Accordingly a group of twelve members were drawn from India, Pakistan and other countries of the E C A F E region, which made a tour of their own region, and Europe and U S A

On completion of the tour, the group submitted to the U N a comprehensive report on the observations made

* Includes Andhra

PORTS

Allotment under Five Year Plan Rs 33 09 crores

For port facilities for oil refineries Rs 8 crores

There are five major ports in India

For the rest the ports declared open under the Ports Act are as follows The figures in brackets give the number of working ports

Orissa 9 (3) Madras* 54 (30) Travancore Cochin 9 (6), Bombay 87 (approx 80) Saurashtra 60 (29), Kutch 7 (7) Total 226 (approx 150)

The following are classed as major ports Bombay Calcutta Cochin Madras and Vishakapatnam They are directly under the Central Government The rest are classed as Minor Ports and are under the administrative control of State Governments

Technically a Major Port (as defined by the Ports Technical Committee) is one which is capable of taking in ocean going steamers with a registered tonnage of 4 000 or more and berth them along wharves

Mr S Nanjundiah officer in charge of Vishakapatnam Port who made a special survey of *minor ports for the Government of India* suggested the following further classification of Minor Ports Intermediate Ports Minor Ports and Sub Ports Ports which have handled one lakh tons or more of cargo should be Intermediate Ports ports which have handled cargo of less than one lakh but more than 1 500 tons should be Minor Ports the remaining ports should be Sub Ports or Petty Ports

INTERMEDIATE PORTS

According to this classification the Intermediate Ports will be as follows

In Andhra Kakinada, Masulipatam

In Madras Cuddalore Nagapattinam Kozhikode (Calicut) Mangalore Tuticorin

In Travancore Cochin Alleppey

In Saurashtra Bhavnagar Veraval Porbunder Bedi Navlakhi

In Kutch Mandvi

In Bombay Okha Broach Ratnagiri Karwar

The Minor Ports will be as follows —

In Orissa Chandbali Puri Gopalpur

In Andhra Bhimlipatam

In Madras Cuddapatam Porto Novo Pamban Dhanushkodi Ponnani Badagara Tellicherry Cannanore Kasargod Mulpe Hungarkatti Coondapur

In Travancore Cochin Quilon

In Saurashtra Mahuva Pipavav Victor Jaffarabad Sika, Salaya Jodiya Nawabundar Mangrol

In Kutch Mundra

In Bombay Cogha, Dholera Kavi Surat, Bulsar Bilimora Navsari Dahanu Umergaon Bassein Vossawa Ravanda, Bankot, Dhabhol Devghad, Jaighod Mora Achra, Vengurla Tadri Ankola Honavar, Vijaydurg Bhatkal Jaitapur, Malvan, Dwarka Kodinar, Cambay, Nangaon Rajpuri Harnai Dohej Kalyan, Panvel Karanja, Murud, Sodashivghad, Kumta, Behkeri

PORT DEVELOPMENT

Among the recommendations of the Nanjundiah report (May 1951) are the following 1 The existing Minor Ports should be classified into Intermediate, Minor and Sub ports 2 An early decision should be taken about the construction and use of small size steam ships for the coastal trade 3 Country craft industry must be fostered Ports should provide facilities for their laying up, repairs, etc 4 A certain measure of uniformity in Port dues may be brought about

Among the recommendations of the West Coast Major Port Development Committee (April 1948) are the following 1 There is an immediate need for a major port in the area covered by Saurashtra and Kutch 2 This major port should be at Kandla 3 The existing ports in Saurashtra should be placed under one Port Commission

Among the recommendations of the same Committee (July 1949) about a major port between Marmugao and Cochin are the following 1 A deep sea port for ships of large size and tonnage at all seasons of the year is necessary 2 The port should be at Mulpe 3 A rail link should be provided from Mulpe to the industrialized region of Mysore centred on Bhadravati 4 The broad gauge railway linking Madras and Mangalore should be extended to Mulpe

The Ministry of Transport has worked out a programme of development of the five major ports at an estimated cost of Rs 29 27 crores This sum is exclusive of an expenditure of Rs 12 05 crores on the Kandla port and of Rs 8 crores on the creation of port facilities for the oil refineries and of alternative facilities for the existing establishment on the Butcher Island These figures are in addition to R 4 90 crores spent in 1951 52 by the port authorities

The Kandla port is expected to be completed by the beginning of 1956

Towards the end of 1950 a National Harbour Board was set up in order to advise Government on port development

LIGHTHOUSES

Though partition brought about a shrinkage of the coast line under the charge of the Central Lighthouse Department the subsequent federal financial Integration has increased its responsibilities There are 120 lighthouses along a coast of 4 100 miles including Andaman Islands under the direct charge of this department In addition there are local light houses maintained by the port authorities or the State Governments The total number of lighthouses exceeds 1 700

Under the Constitution this is a Central responsibility

Over the next five to seven years the Light house Department visualises a development expenditure of about Rs 2 5 to 3 0 crores exclusive of the needs of Andaman and Nicobar Islands where aids of navigation hardly exist and for which plans have yet to be drawn up A sum of Rs 2 crores will be required during the period of the Five Year Plan for the projects included in the Department's plan as well as for the purchase of one out of two lighthouse tenders required for catering to the needs of the east and west coasts

Three new lighthouses at Dolphin's Nose (Vishakapatnam) Kolithotham (Travancore) and Chanka Islands (Gulf of Kutch) were erected The construction of a new lighthouse at Bhatkal is in progress

To cope with the growing expenditure the Indian Lighthouse Act was amended in 1953 for raising the ceiling on light dues from As 2 per ton to As 4 For the present the rate has, however, been doubled from As 1½ to As 3

BOMBAY

The Port of Bombay is over 75 square miles in extent

The Bombay Port Trust, which was constituted by Government in 1873 is administered by a Chairman appointed by Government and a Board of 24 Trustees, 10 of whom are nominated by Government, 2 elected by the Bombay Chamber of Commerce, 6 by the Indian Merchants Chamber, 1 by the Maharashtra Chamber of Commerce, 2 by the Municipal Corporation, 1 by the Millowners Association, 1 by the Indian National Steamship Owners Association Bombay, and 1 by the East India Cotton Association Limited, Bombay

The entire administration is subject to the provisions of the Bombay Port Trust Act, 1879

The Harbour is about 12 miles long 4 to 6 miles wide with a minimum of 32 feet at low water in the entrance fairway Spring rise above datum is 14 feet 1 inch and the range between mean low and mean high water spring tides is 11 feet 6 inches so that the Port is well endowed by Nature to accommodate deep draft shipping

Passenger Facilities —Trans oceanic passenger traffic is mostly dealt with at the Ballard Pier Station Coastal and Harbour Passenger traffic is dealt with at the New Ferry Wharf

The total number of overseas passengers embarking and disembarking at Bombay in 1950 51 exceeded 135 000 while the number of passengers carried by the coastal services was over 887 000

Wet Docks —There are three wet docks, the main features of which are as follows —

	Number of Berths
Prince's Dock	9
Victoria Dock	13
Alexandra Dock	20 (plus 6 berths for ferry steamers)

The three Docks together have a water area of 101½ acres and about 6 miles of quayage, extensive open storage and shed and warehouse accommodation for the reception and storage of goods, exists

Dry Docks —The main features of the two Dry Docks are as follows —

Hughes Dry Dock	Divisible into two compartments so that 2 ships can be accommodated at a time
Merewether Dry Dock	

Bunders and Timber Ponds —Beyond the Docks are the 'bunders' or open wharves and basins, where coasting and country craft traffic and overside cargo from the docks and stream are handled These bunders have an aggregate quayage of nearly 5 miles

The bunder traffic is an important item in the trade of the Port, over 134 lakh tons or roughly one fifth of the total tonnage of the Port being handled annually over the bunder wharves

Adjoining the bunders are the Timber Ponds covering an area of over 60 acres, where every facility for storage and handling of timber is provided

Ballard Pier Is a 1 500 ft extension of the harbour wall on the west side of the Alexandra Dock entrance lock and is the arrival and departure berth for the foreign mail steamers and other large passenger liners The station building comprises three platforms for tourist and other trains, a handsome concourse with waiting and refreshment rooms and a spacious baggage and customs hall

Bulk Oil Depots —There are three groups of bulk oil installations, one each for liquid fuel and lubricating oil kerosene oil and petrol all on land aggregating 83 acres in extent, leased by the Port Trust

Ample storage space is available within the Port area for grain (80 acres), cotton (127 acres, 1,000 000 bales), and manganese ore (30 acres, 300,000 tons) Large areas have also been reserved for the landing and storage of other commodities such as coal, bricks and tiles, building stones and iron

*Includes Andhra

Port Trust Railway

The Port maintains its own railway system which handles nearly 50 per cent of the rail-borne goods traffic of Bombay Its yearly traffic to and from the trunk railways amounts to over 2,000,000 tons, and its local station-to-station traffic is approximately the same in volume The principal commodities carried are cotton, grain and seeds, oil cake, manganese ore, sugar, kerosene and other bulk oils, coal, charcoal and china clay

Though only 7¼ miles in actual length, it comprises over 130 miles of main lines and sidings all directly linked with the inter railway exchange yard at Wadala, the various storage depots and the docks and wharves

REVENUE AND EXPENDITURE FOR THE YEAR 1951 52

Revenue	Rs 7 01 75 251
Expenditure	5,81,43 247

Statistics showing the volume of shipping handled during the period 1948-49 to 1951-52

Year	No of vessels entered docks and berthed at Harbour Walls	Net registered Tonnage
1948-49	1,988	5,588,427
1949 50	2,083	5,664,653
1950 51	2 079	6,016 774
1951-52	2,767	12,709,870 (gross tonnage)

Board of Trustees

Nominated by Government Chairman L T Gholap, I C S , H P Hira, K P Mushran, Commodore R M T Taylor, R N M M Chudasama, I P A N Sattanathan Brig K K Varma S Jagannathan I C S Dinkar Desai, P R Nayak, I C S , H N Trivedi

Elected by the Bombay Chamber of Commerce A Kirkwood Brown M Pasputti

Elected by the Indian Merchants Chamber M A Master, Ramdas Kilachand, Vallabhdas V Mariwala, Tulsidas Mulji Vishram, P M Chinai, Muraiji J Vaidya

Elected by the East India Cotton Association Ltd Madanmohan R Ruia

Elected by the Indian National Steamship Owners Association Pratapsinh S Vallabhdas

Elected by the Maharashtra Chamber of Commerce M I Dahanukar

Elected by the Municipal Corporation Dr S G Patel, Dahyabhai V Patel

Elected by the Millowners' Association Krishnaraj Madhavjee Damodar Thackersey

ADMINISTRATION

Secretary, F H Simoes
Deputy Secretary, S D Chittar
Chief Accountant C B Das Gupta
Deputy Chief Accountants J V Talcherkar, C Madhava Rao
Chief Engineer, P E Golvala
Deputy Chief Engineer, S B Dalal
Docks Manager, V Vaz
Deputy Docks Managers J B D Souza Lawrence A M Shaikh V A Kashikar, M H Sayani
Railway Manager, M E A Kizilbash
Deputy Conservator, R C Vint
Harbour Master H W L I Davies
Manager, Land and Bunders Department, K G Sarma
Controller of Stores, P V Thadani
Deputy Controller of Stores, M R Nanjundiah
Chief Medical Officer, Dr N V Nene
Health Officer, Dr A J Mhatre
Chief Labour Officer, Batuk H Mehta
Legal Adviser S D Nariman

STATISTICS SHOWING CARGO HANDLED BY BOMBAY DURING THE PERIOD 1948 49 to 1951 52

Year	Imports	Exports	Total
	Tons	Tons	Tons
1948-49	4,948,000	1 634 000	6,582 000
1949-50	4,927,000	1,358,000	6,285,000
1950 51	5,185 000	1,702 000	6 887 000
1951 52	5 806,439	1,673,152	7,479, 91

CALCUTTA

The Port of Calcutta is situated on the left bank of the River Hooghly which is formed by the uniting of the three offtakes from the parent River Ganges The port is about 80 miles from the mouth of the river and 126 miles from the Western Channel Light Vessel at Sandheads The Port is administered by a Port Commission with jurisdiction under the Calcutta Port Act from Budge Budge to Konnagar

The chief exports from Calcutta are coal, tea, jute, gunnies, bone and bone-meal skins, hemp iron and steel manufactures lac, oil other than petroleum scrap ores pig iron, hides and mica The principal imports are salt, food grains machinery hardware, petroleum asphalt, bitumen metals and other articles

The total tonnage of sea borne traffic passing through the port during the year 1951 52 was 7 582 982 tons as compared with 7,501,499 tons during 1950 51 The total tonnage of exports during 1951 52 was 54,89,914 tons and the total tonnage of imports during the same year was 40,93 068 tons The income of the Port during the financial year 1951 52 was Rs 7,86,82,751

The weight of cargo in tons handled in 1952 53 was 9 073 076 The number of passengers embarked and disembarked during the period is 22,027

The receipts and expenditure for the period 1952 53 are Rs 8 68 29,843 and Rs 8 31,40 064 respectively

The largest vessel to enter the Port was 16,736 tons gross tonnage but speaking generally the ideal ship for the Port is a ship of under 550 feet in length broad in beam and loading to a maximum of about 26 feet

Berths and Anchorages —Anchorages are available at Saugor Roads, Haldia, Kalpi, Diamond Harbour Ulubaria and Garden Reach of which Haldia, Ulubaria and Garden Reach are available only for ships on passage to and from the Port or in emergency

In the port ships lie to moorings when in the stream or alongside jetties with cables forward and aft The largest man of war so far accepted in the Port has been 10,000 tons cruiser class and one berth is available for this class of ship

Accommodation (Kidderpore Docks) —These consist of Nos 1 and 2 Docks and Turning Basin Dock No 1 is 2 700 feet in length by 600 feet wide, with a depth of 30 feet of water and has twelve berths serving single-storey cargo sheds Dock No 2 has a length of 4,500 feet by 400 feet and also provides a depth of 30 feet of water It has eight general berths serving single and double storeyed sheds and six coal berths including two mechanical loading berths

King George's Dock.—This Dock comprises a lock entrance 700 feet long by 90 feet wide, five import berths, one export berth and a berth for the discharge of non dangerous petroleum in bulk which can also be used as a laying up berth

Dry Docks —Five dry docks, owned by the Port Commissioners, are available for the use of shipping, three in Kidderpore Docks and two in King George s Dock

Jetties —The Garden Reach Jetties consist of a coaling jetty for ships up to 460 feet in length and three jetties for ships up to 600 feet, the transit sheds are double storeyed Calcutta jetties are situated on the riverside below Howrah Bridge There are nine jetties with a total length of 4,735 feet, but only five of them are available for ocean going steamers

Wharves —Petroleum Wharves at Budge are situated some 14 miles below the entrances to the docks

Warehouses —The Commissioners provide extensive warehouse accommodation consisting of two Tea Warehouses having a storage area of 304,000 sq ft , a grain and seeds depot at Kantapukar comprising 37 sheds with a storage area of about 1,053,168 sq ft , two sheds at Jhinjerapul with a storage area of 70,200 sq ft , A and B Sheds at Kidderpore, and the Fairlie, Clive, Canning and Strand Warehouses situated close to the Calcutta Jetties with a total floor area of about 292 200 sq ft New extension to salt tea warehouse to provide additional space of 1 12 000 sq ft is under construction

Coal —There are at present six coaling berths at Kidderpore Dock No 2 and one at Garden Reach Jetty

Overall Capacity of Port —Calcutta with the existing facilities has handled a sea borne traffic of nearly 11 million tons a year without congestion or delay

The total number of cargo boats licensed in the Port is 6 968, of which about 2,106 are steel lighters with a carrying capacity of about 130,825 tons

The Port Trust Railway —Communication between the various points in the Docks and Jetties including all the Commissioners warehouses is maintained by the Commissioners Railway which has 198 0·1 miles of permanent way and connects with the two main railway systems serving Calcutta Goods can therefore be railed from any point on the Commissioners premises to any part of India

Commissioners

R Gupta I C S , *Chairman* B M Banerji K B Mathur, Capt (E) I B Bose, I N , Brig G Singh B K Sen Dr N Das, I C S , N K Jain K M Naik D P Goenka, D C Driver, P Mukherjee P R Sarkar, S C Gupta N Roy Sir B P Singh Roy, K C I E A H Ford G A S Sim I K Mitter Dr S K Ghosh B C Mallik, K Mukherjee, M L A , A C Banerjee

ADMINISTRATIVE STAFF

Secretary —P C Mitter, *Traffic Manager* — K Mitter *Chief Accountant* —T Eastment, *Chief Engineer* —T M Malkani, B Sc (Hons) (Lond) M Inst C E , A C G I , D I C , *Controller of Stores* D R Mukherjee, *Chief Mechanical Engineer* —P C Basu, *Deputy Conservator* — Comdr C J Mohan I N , *Harbour Master* —R J Ware, *Port Pilotage Officer* —B D Rossetto, *Surveyor* —I P Brann, *Medical Officer* —Dr G L Vaishnavi, M B B S , F R C S (Ed), D L O (Lond), D O M S (Lond), F R F P & S (Glasgow), *River Consulting Engineers and London Agents* — Messrs Rendel Palmer & Tritton

COCHIN

The Port of Cochin, one of the five major ports in India is a natural harbour lying on the direct route to Australia and the Far East from Europe It is open for deep water traffic in the worst monsoons and provides a splendid anchorage at all times of the year Any ship passing through the Suez Canal can enter the port even in the roughest weather

The Port consists of an extensive area of sheltered backwaters behind an opening, 440 yards wide

The Cochin Harbour Railway is connected with the Broad Gauge system of the Southern Railway

The entrance channel of the harbour is 450 ft wide and about 4 miles long, buoyed on both sides according to regulations The activities of the port are mainly centred in Willingdon Island which has been reclaimed from the backwaters by dredged soil from the inner channels

Inside the harbour there are sixteen stream berths, one passenger berth, one coal berth and four wharf berths Of the sixteen stream berths, one is a swinging berth capable of accommodating vessels upto 650 ft overall in length and 28 ft draft There are three tanker berths in the Ernakulam channel, two of which can accommodate tankers of 575 ft over all in length while the third one can take tankers of 610 ft overall with a draft of 30 ft

The deep water wharf which is 2,200 ft long can accommodate at a time 4 vessels of 450 ft in length

The principal imports are foodgrains, mineral oils coal, cashewnuts hardware, metals chemicals and provisions

The principal exports are coir and coir products, tea, rubber cashew kernels, ginger, pepper and spices

Statistics showing the growth of the Port from 1948-49 to 1952-53

Years	Imports	Exports	Total
	Tons	Tons	Tons
1948-49	991,353	250,932	1 242 285
1949-50	1,008,338	226,732	1 230,070
1950-51	1 098 214	248 964	1,347 178
1951-52	1 262 638	318 209	1 580 847
1952-53	1 224 851	326 443	1 551,294

The total number of passengers embarked and disembarked in 1952-53 was 1 689 Receipts and Expenditure in the same period were Rs 69 41 lakhs and 64 74 lakhs

The administration of the Port is in the hands of an Administrative officer working directly under the Ministry of Transport of the Government of India He is assisted by an Advisory Committee consisting of the representatives of the Government of India, the Government of the State of Travancore Cochin, and the local Chambers of Commerce and Municipalities

Administrative Officer —M S Venkataraman, B A , *Chief Engineer* —C V Venkateswaran B E , *Executive Engineer* —S Subba Rao B E *Mechanical Superintendent* —B D Erani *Deputy Conservator* —H G Fletcher *Harbour Master* —S C I Smith *Traffic Manager* Topen Bhose, B A *Chief Accountant* —A N Alyaswami, M A , *Secretary & Statistical Officer* — J Cyril Raj, M A *Port Health Officer* Dr N S Sankaranarayanan M B B S , D P H

MADRAS

The Madras Harbour is an artificial one formed by two arms projecting from a low, sandy coast

The affairs of the Port are administered by a Board of Trustees which function under the Madras Port Trust Act The Chairman is the Chief Executive Officer of the Board

The Port is about 3/5 mile square (excluding boat basin, etc) with an area of approximately 200 acres

There is accommodation for 18 vessels inside the harbour, 9 at Moorings and 9 at Quays The depth at moorings ranges from 28 ft to 31 ft 6" and at quays from 26 ft to 30 ft Pilotage is compulsory There are no navigational difficulties and the Port is approached direct from the open sea

The Income and Expenditure for the year 1951-52 were Rs 1 36,02 760 and Rs 87,13,829 respectively

The chief imports are coal and coke foodgrains, mineral oils metals timber textiles building materials cement etc Government stores machinery, hardware hides and skins paper and stationery, tanning substances including wattle bark and chemical manures Seeds and nuts hides and skins vegetables and provisions textiles turmeric, ores and tobacco are the principal exports

The export of groundnut oil is also an important item and three oil tanks have been erected

Statistics showing the growth of the Port from 1948-49 to 1951-52

Years	Imports	Exports	Total
	Tons	Tons	Tons
1948-49	1 664 881	240 011	1 904,892
1949-50	1,092 249	191 321	1 783,570
1950-51	1 925,152	248 976	2,174 128
1951-52	1,851,682	300,138	2 154,820

Trustees of the Port: *Appointed by Government* —G Venkateswara Ayyar I C S *Chairman* —R K Vaish, M A Collector of Customs Director of Industries and Commerce V N Subbarayan Commissioner Corporation of Madras T Barry Principal Officer Mercantile Marine Department Madras Maj General I C Kotoch, Area Commander Madras S Guruswami and S C C Anthony Pillai, Representatives of Labour

Elected by Commercial Bodies, etc (Representing Corporation of Madras) D K Kannappa Mudaliar, (Representing Madras Chamber of Commerce, Madras) N Barlow (Representing Southern India Chamber of Commerce) P Maruthai, A Nagappa Chettiar K S G Haja Shareeff, C Machado, K R Sundaram Aiyer (Representing the Andhra Chamber of Commerce) K Gopalaswamy, M C Cunnan P V Rama Rao Guptha

Administration

Principal Officers —*Chief Engineer* —K N Srinivasan B E A M I E , *Deputy Port Conservator* —W E Vangeyzel *Chief Accountant and Financial Adviser* —G Venkataraya Pai, M A , F I A C , M I R A , *Traffic Manager* —I A Abraham, B A , F C I , *Executive Engineer* —V S Ananthanarayanan , *Mechanical Engineer* —P C Martin , *Electrical Engineer* —V R Srinivasan , *Medical Officer* —Dr T S Subramaniam M B B S , F R F P S , D T M D P H , *Secretary* —T K Parameswaran Nambiar B A

VISHAKAPATNAM

Vishakapatnam Harbour was created in order to supply an outlet for a large area of fertile country adjacent to the east coast of India, with considerable mineral resources and no alternative access to the outside world In 1933, the harbour was first opened for sea going vessels and it now provides the following facilities —

The harbour is provided with three quay berths, each 500 feet long, and equipped with portal electric cranes, transit sheds and railway lines, both behind and on the quay side of the transit sheds In addition, two special coal bunkering berths, one R C C jetty berth and one R C C wharf, are provided Four mooring berths are also provided, at which vessels are served by a fleet of lighters operated by the port A timber jetty berth for bunkering fuel oil has been provided

A graving dock with an entrance 60 feet 6 inches wide is provided The port has a floating crane and can deal with lifts upto 50 ton capacity

Income and Expenditure of the Port for the year 1951-52

	Receipts Rs	Expenditure Rs
Port Fund	70 67 315-12-4	59 20 807-10-7
Pilotage Fund	1 92 090-7-4	1 01 641-7-3

Statistics showing the growth of the Port from 1948-49 to 1952-53

Years	Imports	Exports	Total
	Tons	Tons	Tons
1948-49	140 463	546,859	687 322
1949-50	170 889	768,552	939,441
1950-51	67 554	878 469	946 803
1951-52	290 085	936 627	1,226,712
1952-53	152 954	1 047 741	1 200 295

The Port is administered by the Government of India, Ministry of Railways (Railway Board) through the Eastern Railway

Principal, Officers —*Port Conservator* —P C Mukherjee General Manager East ern Railway Calcutta *Port Administrative Officer & Port Engineer* —S Nanjundiah *Deputy Port Conservator and Harbour Master* —L H Glassup , *Superintendent, Traffic* A K Sarkar, *Superintendent Mechanical* —A W De Lima, *Chief Accountant* —P P Mathew

EAST COAST PORTS*

Ports	Receipts for 1952-53 Rs a p	Expenditure for 1952-53 Rs a p	No of passengers embarked and disembarked 1952-53	Imports in tons 1952-53	Exports in tons 1952-53	Weight of Cargo in tons handled in 1952-53	Officer in Charge of Port
Balasore†							
Bimlipatam†							
Chandbali†							
Cuddalore	3,41,436 0 0	1,57,507 0 0	Nil	1,88,944	25,858	2,14,802	L G Hardas
Cuttack							
Dhanushkodi							B V Sarma
Gopalpur	4,418 4 0	3,587 10 9	Nil			Nil	A D Bhawmasi
Kakinada							L T Yettle
Masulipatam	40,000 0 0	35,000 0 0	Nil	Nil	46,980	46,980	N Satyanarayana Rao
Nagapattinam			25,002	7,345	11,226	18,571	W A Dow Sainter
Tuticorin			8 175			5 17 386	M L Advani

* Where no information is available the columns have been left blank

† The figures for the Orissa ports together are as follows Weight of cargo handled in 1952-53, 12,859 tons passengers embarked and disembarked, nil , revenue, Rs 34,190 , expenditure, Rs 33,551 , officer in charge, J P David

SAURASHTRA PORTS*

Ports	Receipts for 1952-53 Rs	Expenditure for 1952-53 Rs	No. of passengers embarked and disembarked 1952-53	Imports in tons 1952-53	Exports in tons 1952-53	Weight of Cargo in tons handled in 1952-53	Officer-in-Charge of Port
Bhavnagar	9,27,126	20,27,415	Nil			3,47,805	J. J. Merchant
Bedi	13,12,356	10,05,769	1,520	64,019	1,79,966	2,43,985	C. P. Adalja
Navlakhi	8,13,041	6,76,103	1,500	80,087	1,10,803	1,90,890	D. V. Bara
Porbandar	5,17,097	3,26,297	4,217	34,792	1,20,977	1,55,769	T. N. Oza
Veraval	3,81,838	4,66,024	1,398	52,828	58,002	1,10,830	V. G. Mankad

WEST COAST PORTS*

Ports	Receipts for 1952-53 R. a. p.	Expenditure for 1952-53 Rs. a. p.	No. of passengers embarked and disembarked 1952-53	Imports in tons 1952-53	Exports in tons 1952-53	Weight of Cargo in tons handled in 1952-53	Officer in Charge of Port
Alleppey							K. Padmanabhan
Broach			81				R. I. Diwan
Dwarka							
Kandla	4,57,252 7 0	3,26,51,10 0	1,57,002			1,87,226	Capt. C. Simpson
Kozhikode	1,62,872 0 0	1,40,087 0 0	2,500	58,084	1,70,608	2,28,692	C. M. Chikhalikar
Mandvi			36,492	36,187	1,980	38,167	R. K. Budhabhatti
Mangalore	2,11,462 0 0		18,200	76,656	1,94,862	2,71,518	I. H. Cornish
Porbandar							
Port Okha	11,81,470 0 0	9,27,900 0 0	224	2,15,680	1,88,353	4,04,033	D. N. Chavan
Quilon	3,902 14 -	1,722 3 9	2			4,130	A. Ansary
Surat			Nil	17,588	6,198	23,786	T. K. Shah
Tellicherry	27,100 6 4	17,117 1 0	Nil	12,100	6,970	19,070	M. Bappukutty

*Where no information was available the column has been left blank

POSTS AND TELEGRAPHS

THE Indian Telegraph Department is the oldest Government owned public utility in the world

It is the second largest nationalized public utility in India, employing around 220 700 men and gazetted officers

At the close of the year 1951 52 * there were 170,184 permanent and 49,526 temporary officials in the Department 42 084 post offices and 180,731 miles of mail lines

During the year 2 366 million articles including 8 6 million registered articles were posted stamps worth Rs 21 7 crores (including service postage stamps worth Rs 3 8 crores) were sold about 56 million of money orders of the total value of Rs 21 crores were issued and about 2 9 million Indian Postal Orders to the value of Rs 103 lakhs were sold a sum of Rs 37 8 crores was collected for tradesmen on V P articles about 9 4 million insured articles valued at Rs 186 crores were handled

Customs duty aggregating to about Rs 110 lakhs was realised on parcels and letters from abroad pensions amounting to about Rs 2 5 crores was paid to Indian Military pensioners and about 2 100 pounds of quinine and substitutes of the total value of Rs 14 lakhs were sold to the public

On 31st March 1952 there were 144 926 Savings Bank accounts with a total balance of Rs 200 crores and 102 944 postal life insurance policies with an aggregate sum assured of Rs 23 2 crores

There were about 113 949 miles of line including cable and 1 505 923 miles of wire including conductors on the 31st March 1952 The number of departmental telegraph offices were 78 while the number of combined Post and Telegraph offices rose from 1 634 to 3,653 in 1952

The number of paid telegrams dealt with is shown by the following figures —

		1951 52
Inland	Private	21,578,264
	State	2,650,701
	Press	186 929
		1951-52
Foreign	Private	4,616,918
	State	64,725
	Press	64 885
		29,162,422

The outturn of the workshops during 1951 52 represented a total value of Rs 2 05 83 000

The number of messages handled during the year 1951 52 by departmental wireless stations in India was nearly 57 ,000

On 31st March 1952 there were 4 217 exchanges and 184 000 telephones operated by the department and licensed systems About 8 9 million trunk telephone calls were handled during the year 1951 52

The total interest bearing capital outlay of the Indian Posts and Telegraphs Department upto the end of the year 1951 52 was over Rs 36 crores The receipts for the year ended 31st March 1952 amounted to Rs 38 80,76,566 and charge (including interest on capital outlay) to Rs 35 54 21 886 the result being a net gain of Rs 3 26 54 680

For postal purposes India is divided into ten circles namely, West Bengal, Bihar Bombay Central Madras Punjab Uttar Pradesh, Assam Orissa and Delhi Each of the first seven is in charge of a Postmaster General and the Assam and Orissa Circles are controlled by a Director Posts and Telegraphs The Delhi circle is controlled by a Director of Postal Services The Central Circle comprises roughly the Madhya Pradesh the Rajasthan Madhya Bharat and Vindhya Pradesh Unions

LETTERS AND PARCELS (INLAND)

Inland Tariff is applicable to Aden, Pakistan, Nepal, Ceylon and Portuguese India except as indicated below and is as follows —

Letters

	When the postage is prepaid	When the postage is wholly unpaid	When the postage is insufficiently prepaid
Letters	Annas Pies		
Not exceeding one tola	2 0	Double the prepaid rate (chargeable on delivery)	Double the deficiency (chargeable on delivery)
And every additional tola	1 0		
Book and pattern packets			
For the first five tolas or fraction thereof	1 0		
For every additional two and a half tolas or fraction thereof in excess of five tolas	0 6		

Letter cards	Annas Pies
Letter card	1 6

(Letter cards are restricted to inland transmission only, and hence cannot be sent to Aden Ceylon, Nepal Pakistan or Portuguese India)

Post cards

Single	9 pies
Reply	1½ annas

(The postage on cards of private manufacture must be prepaid in full Reply post-cards cannot be sent to Nepal)

Local post cards 6 pies

Ordinary Money Order fees

Amount specified for remittance to sender

	Rs	a
Not exceeding Rs 5	0	2
Exceeding Rs 5 but not exceeding Rs 10	0	3
Exceeding Rs 10 but not exceeding Rs 15	0	4
Exceeding Rs 15 but not exceeding Rs 25	0	6
Exceeding Rs 25		

Six annas for each complete sum of Rs 25 and six annas for the remainder, provided that, if the remainder does not exceed Rs 5 the charge for it shall be only two annas, if the remainder does not exceed Rs 10 the charge for it shall be only three annas and if the remainder does not exceed Rs 15 the charge for it shall be only four annas

In the case of money orders for Ceylon and Portuguese India, the rates prescribed for foreign rupee money orders are applicable There is no money order service to Nepal

Telegraphic Money Order fees

The same as the fees for ordinary money orders *plus* a telegraph charge calculated at the rates for inland (the cost of the telegraphic advice to Aden and Ceylon in respect of those countries) telegrams for the actual number of words used in the telegram advising the remittance according as the telegram is to be sent as an 'Express' or as an "Ordinary message In addition to the above a supplementary fee of two annas is levied on each telegraphic money order

There is no telegraphic money order service to Nepal or Portuguese India In the case of Ceylon the telegraph charge is as follows *Express* —Rs 2 8 0 for the first 12 words and 3 annas for each additional word *Ordinary* — Re 1 4 0 for the first 12 words and 2 annas for each additional word

Parcels (prepayment compulsory)

Parcels not exceeding 12½ seers (1 000 tolas) in weight —

	Rs	a
Not exceeding 40 tolas	0	8
For every additional 40 tolas or part of that weight	0	8

Registration is compulsory in the case of parcels weighing over 440 tolas

All parcels to Aden and Pakistan should be registered There is no parcel service to Nepal These rates are not applicable to parcels for Aden Ceylon and Portuguese India

V P Articles

All inland V P articles excepting V P Packets and also V P letters containing articles of no intrinsic value such as Railway receipts bills of lading invoices etc on which the amount specified for recovery exceeds Rs 25 are required to be compulsorily insured for at least the actual amount required to be recovered from the addressee The sender of a V P article will also be required to pay a postmi fee at the following scale in addition to the postage registration fee and insurance fee where leviable V P articles so insured should conform to all the rules governing inland insured articles

(i) Posting fee of 1 anna when the amount required to be recovered from the addressee is Rs 25 or less

(ii) Posting fee of 2 annas when the amount required to be recovered from the addressee exceeds Rs 25

The total charges to be paid by the senders of V P articles will thus be —

(a) For V P articles on which the amount specified for recovery does not exceed Rs 25—

(i) Postage at the letter, packet or parcel rate as the case may be,

(ii) Registration fee of 6 annas,

(iii) Posting fee of 1 anna

(iv) Insurance fee in case the article is insured

(b) For V P articles on which the amount specified for recovery exceeds Rs 25—

(i) Postage at letter, packet or parcel rate as the case may be

(ii) Registration fee of 6 annas,

(iii) Posting fee of 2 annas,

(iv) Insurance fee according to value insured except for V P Packets and for V P letters containing articles of no intrinsic value (in the case of V P Parcels insurance is compulsory at least for the value specified for recovery)

Registration fee	Rs	a
For each letter, letter-card, post card book or pattern packet, or parcel to be registered	0	6

* See end of chapter for later particulars

Insurance fees

The scale of fees chargeable for the insurance of all inland postal articles and for the insurance of letters and parcels to Aden or Ceylon and of letters to Portuguese India is as follows —

	Rs	a
Whether value insured does not exceed Rs 100	0	6
For every additional Rs 100 or fraction thereof over Rs 100 upto Rs 5,000	0	3

The maximum value for which an article can be insured is Rs 5,000

As regards Aden, Ceylon and Portuguese India see Foreign Tariff

Acknowledgment fee

For each registered or insured article 1 anna

LETTERS AND PARCELS (FOREIGN)

Foreign Tariff is not applicable to Aden, to Ceylon, to Nepal, to Pakistan or to Portuguese India except as indicated below and is as follows

Letters

To Aden Pakistan, Ceylon, Nepal and Portuguese India—Indian inland rates

To all other countries — 4 annas for the first ounce and 2½ anna for each additional ounce or part of that weight

Post-cards, Single	2½ annas
,, Reply	5 annas

Printed Papers —1 anna for every 2 ounces or part of that weight

Registered Newspapers —½ anna for every 2 ounces or part of that weight for a single copy

Business Papers —1 or a packet not exceeding 8 ounces in weight 4 annas

For every additional 2 ounces or part of that weight 1 anna

Samples – 2 annas for first 4 ounces and 1 anna per 2 ounces thereafter

Parcels

Parcel postage varies for different countries as shown in the Foreign Post Directory included in the Post and Telegraph Guide Information relating to the rates of postage on parcels for Great Britain and Northern Ireland is given below —

(i) Parcels not exceeding 22 lb in weight and addressed to Great Britain and Northern Ireland are forwarded as mails to the British Post Office, the rates of postage applicable to such parcels being as follows —

For parcel	Rs	a	p
Not over 3 lb	2	11	0
Over 3 lb but not over 7 lb	4	8	0
,, 7 ,, ,, ,, ,, 11 ,,	6	15	0
,, 11 ,, ,, ,, ,, 22 ,,	10	11	0

These parcels are delivered by the post office and the postage paid carries them to destination

Limits of weight

Letters – 4 lb 6 oz

Printed Papers and Business Papers — To all countries served by foreign post 6½ lb Single volume of books being accepted upto a maximum weight of 11 lb To Aden, Ceylon and Pakistan—No limit

To all other destinations—6½ lb

Samples —To Great Britain and Northern Ireland, and Ireland, Togo (British), the Union of South Africa, Rhodesia and Bechuanaland Protectorate—5 lb

To Aden, Ceylon and Pakistan—200 tolas

To all other destinations—1 lb 2 oz

Parcels —22 lb unless otherwise stated in Directory

Limits of Size

Letters —35 inches in length, breadth and thickness taken together and 23½ inches in any one direction If in form of roll, 39 inches in length plus twice the diameter and 31 inches in any one direction

Printed Papers and Business Papers —To Aden and Ceylon—2 feet in length by 1 foot in width or depth If in form of roll, dimensions are 30 inches in length and 4 inches in diameter

To all other destinations—35 inches in length, breadth and thickness taken together and 23½ inches in any one direction If in form of roll, 39 inches in length plus twice the diameter and 31 inches in any one direction

Printed papers sent open, *i.e.*, without a cover or wrapper in the form of cards, whether folded or not should not measure less than 4 inches in length and 2½ inches in width

Samples —To Great Britain and Northern Ireland, and Eire Togo (British), the Union of South Africa, Rhodesia and the Bechuanaland Protectorate—2 feet in length by 1 foot in width or depth If in form of roll, dimensions in all cases are 39 inches in length *plus* twice the diameter and 31 inches in any one direction

To all other destinations—35 inches in length, breadth and thickness taken together and 23½ inches in any one direction If in form of roll, dimensions in all cases are 39 inches in length plus twice the diameter and 31 inches in any one direction

To Aden Pakistan and Ceylon—2 ft in length by one foot in width and depth

Registration fee

For each letter, post card and packet of printed or business papers and samples 6 annas

Insurance fees (for registered letters and parcels only)

For insurance of letters and parcels to Aden and Ceylon and of letters to Portuguese India — Insurance fees mentioned under Inland Tariff

For insurance of letters and parcels to Burma British Somaliland Mauritius Seychelles, and parcels to Portuguese India

Where the value insured does not exceed Rs 460	Annas 12
For every additional Rs 460 or fraction thereof	12

Insurance service to Burma and British Somaliland has been temporarily suspended

For insurance of letters and parcels to Great Britain and Northern Ireland and to British Possessions and foreign countries (other than those mentioned above) to which insurance is available

Where the value insured does not exceed £35	Annas 12
For every additional £35 or fraction thereof	12

Acknowledgment fee

3 annas for each registered article 1 anna in the case of registered article addressed to Aden, Ceylon or Portuguese India

Money Orders

To countries on which money orders have to be drawn in rupee currency the rates of commission are as follows —

	Rs	a
On any sum not exceeding Rs 10	0	3
On any sum exceeding Rs 10 but not exceeding Rs 25	0	6
On any sum exceeding Rs 25	0	6

for each complete sum of Rs 25 and 6 annas for the remainder, provided that, if the remainder does not exceed Rs 10, the charge for it shall be only 3 annas

To countries on which money orders have to be drawn in sterling, the rates are as follows —

	Rs	a
On any sum not exceeding £1	0	4
,, ,, exceeding £1 but not exceeding £2	0	7
,, ,, ,, £2 ,, ,, £3	0	10
,, ,, ,, £3 ,, ,, £4	0	13
,, ,, ,, £4 ,, ,, £5	1	0
,, ,, £5	1	0

for each complete sum of £5 and 1 rupee for the remainder, provided that if the remainder does not exceed £1, the charge for it shall be 4 annas if it does not exceed £2 the charge shall be 7 annas if it does not exceed £3, the charge shall be 10 annas, and if it does not exceed £4 the charge shall be 13 annas

AIR MAIL (INDIAN, FOREIGN)

Letters, Letter cards, Post cards and Money Orders are, as a general rule, sent by air wherever air transmission is available and is advantageous without payment of any special air surcharge Packets and Parcels can be sent by air in the inland post and letters, post cards and packets can be sent by air to all foreign countries for which an air mail service is available on payment of special air mail fee Such articles can be registered Insured letters are carried at present by air mail in the inland post only

The inland air fee for packets is half anna for each tola or part thereof in addition to ordinary postage

Registered and unregistered parcels can also be sent by air mail in the inland service

The charges are 10 annas for every 20 tolas or fraction thereof inclusive of ordinary postage A registration fee of 6 annas has to be paid in addition in the case of registered parcels

Air Parcels may be sent to the following countries

Name of the country	Postage, inclusive of air fee for the first pound			Postage inclusive of air fee for each subsequent 4 oz or part thereof		
	Rs	a	p	Rs	a	p
Afghanistan	5	8	0	0	11	0
Australia	10	8	0	2	5	0
Ceylon	2	0	0 (For every pound or part thereof)			
Egypt	7	12	0	1	2	0
France	11	0	0	1	14	0
Great Britain and Northern Ireland	9	12	0	1	14	0
Indonesia	7	0	0	1	0	0
Switzerland	9	8	0	1	12	0
U S A	15	8	0	3	8	0

The general regulations applicable to ordinary surface parcels as regards dimensions, customs declarations, despatch notes compensation and so on, apply to air parcels except that air parcels cannot be accepted for insurance, the same supplemental services as for surface parcels are available

For Air Fees to Foreign Countries see the Post and Telegraph Guide

A direct air parcel service was introduced from December 15, 1953 to Italy, British East Africa and Malaya on the same terms and conditions as are applicable to parcels sent to these countries by the surface route

These terms and conditions regarding size and packing and other restrictions are shown in the Foreign Directory of the P & T Guide, 1952, edition

The following are the rates of postage cum air fee for these countries

Country	Postage cum air fee for the first pound	Postage cum air fee for the subsequent 4 oz or part thereof
	Rs a p	Rs a p
Italy	9 0 0	1 10 0
East Africa	7 4 0	1 6 0
Malaya	5 12 0	1 0 0

Air parcels will be accepted up to a maximum weight of 11 lb

Insured air parcels, however are not for the present accepted (1953, December) Within this country, these parcels will be sent by the surface route only

Air parcels for Italy and East Africa will be concentrated at Bombay and those for Malaya at Calcutta

Air parcels for East Africa namely, the provinces of Kenya Uganda and Tanganyika will be carried exclusively by Air India International Air Service operating from Bombay to Nairobi

Assam and Kashmir

A cheap air mail service for parcels and registered newspapers providing for a limited air transmission between Calcutta and Gauhati or Silchar and *vice versa*, and surface transmission for the rest of the route is available Such articles in addition to the blue air mail label should bear a superscription in bold letters just below the air mail label

"By air between—— ——and————only "

The air fees which are payable in addition to ordinary postage are as follows —

Registered Newspapers	3 pies for every 2½ tolas or fraction thereof in addition to ordinary postage
Parcels	4½ annas for every 40 tolas or part thereof in addition to ordinary postage

A similar service is available between Amritsar on the one hand and Srinagar or Jammu Tawi on the other the air surcharge being as follows —

Registered Newspapers and Packets	3 pies for every 2½ tolas or fraction thereof in addition to ordinary postage
Parcels	3 annas for every 40 tolas or fraction thereof in addition to ordinary postage

Air Letter Service

A light weight "Air Letter' service is available for writing to all countries served by the air mail The postage rates are 3 annas to Ceylon, Pakistan and Portuguese India, 5 annas to Burma and to Afghanistan, 8 annas to the rest of Asia, to Europe, to Egypt and to East Africa, 10 annas to the rest of Africa and to Oceania (Australia, New Zealand, etc) and 12 annas to North and South America Special Air Letter forms in several denominations are available from Post Offices Similar forms of private manufacture, bearing an indication that they have been approved by the Head of a Circle, can also be used, but they should be prepaid with the prescribed charge

Air letters for Ceylon can be registered but cannot be insured, nor is any other facility such as express delivery available Air letters for other countries cannot be registered or insured, nor is any other facility such as express delivery available

Second-Class Mail

Printed papers, newspapers, business papers, sample packets, mixed packets and blind literature packets sent by air as second class mail must conform to the general regulations for such packets set out in the Post & Telegraph Guide and should be clearly superscribed at the upper left hand corner of the cover or wrapper with the *nature of the contents, e g , Printed Papers, Business Papers, Sample Packets*, etc as the case may be They must not contain anything in the nature of a current letter *nor be sealed against inspection* The minimum charges of 4 annas applicable to Business Papers and to Mixed Packets containing Business Papers sent by surface route apply also to Business Papers, and Mixed Packets containing Business Papers sent by air mail For second class air mail to Ceylon, Pakistan and Portuguese India an air surcharge of 1½ annas per tola is chargeable in addition to the ordinary inland postage for Book, Pattern and Sample Packets

The rate of postage including air fee per ½ oz for second-class mail to the various destinations is 2½ annas (subject to a minimum charge of 4 annas for packets containing Business Papers) for Afghanistan and Burma 4 annas for the rest of Asia and for Egypt 5 annas for Europe and East Africa, 6 annas for the rest of Africa and for Oceania (Australia, New Zealand etc) and 8 annas for North and South America

TELEGRAMS (INLAND)

Telegrams sent to or received from places in India, Burma, Ceylon or Pakistan are classed as Inland telegrams The tariff for Inland telegrams is as follows

Private and State

For delivery in India

	Express	Ordinary
	Rs a	Rs a
Minimum charge	1 8	0 12
Each additional word over 8	0 2	0 1

For delivery in Burma & Pakistan

	Express	Ordinary
	Rs a	Rs a
Minimum charge	2 12	1 6
Each additional word over 8	0 4	0 2

Note —Ordinary telegrams for Burma are accepted *via O C S* at foreign rates, *viz* 12 annas per word

For delivery in Tibet & Ceylon

	Lhasa (Tibet)		Ceylon	
	Express	Ordinary	Express	Ordinary
	Rs a	Rs a	Rs a	Rs a
Minimum charge	2 0	1 0	2 8	1 4
Each additional word over 12	0 2	0 1	0 3	0 2

The address is charged for

Additional charges

Minimum for reply-paid telegram	Minimum charge for an ordinary telegram except in the case of Burma, for which the minimum amount pre-payable is Rs 2-12-0 for Express
Notification of delivery	Minimum charge for an ordinary telegram
Multiple Address telegrams, copying fee for each 100 words or less in each copy beyond the first	4 annas
Collation	One half of the charge for an ordinary telegram of same length

	Rs
For acceptance of an Express telegram during the hours when an office is closed	If both the offices of origin and destination are closed 2 If only one of the offices is closed 1 If the telegram has to pass through any closed intermediate office, additional fee in respect of each such office
Boat hire	Amount actually necessary

Press Telegrams

	For delivery in India		For delivery in Ceylon
	Express	Ordinary	Express
	Rs a	Rs a	Rs a
Minimum charge	1 8	0 12	1 8
Each additional 5 words over 50 in respect of India, 40 for Pakistan and Burma, and each additional four words over 32 in respect of Ceylon	0 2	0 1	0 2

The address is free

For delivery in Pakistan and Burma	
Express	Ordinary
Rs a	Rs a
2 8	1 4
0 4	0 2

Ordinary Press Telegrams for Ceylon and Burma are not accepted at present

Note —Ordinary telegrams may be written in plain or secret language

Multiple Address Telegrams

Multiple address telegrams with identical messages may be sent to two or more addresses in the same delivery area on payment of a supplementary fee of annas four for hundred words or less for every copy beyond the first

Reply Paid Telegrams

A reply may be prepaid to any inland telegram but the amount so paid should not be less than the minimum charge for ordinary telegram The sender should write the words Reply Paid when the minimum charge is prepaid or Reply Paid followed by the amount if more than the minimum charge is paid

Express Telegrams

Arrangements are made for telegrams to receive priority in transmission and delivery on payment of double the charges for ordinary telegrams

Priority Human Life Telegrams

With effect from 1st November 1950 a special class of priority telegrams relating to human life in road, railways fire, floods electrocution, building collapse, factory etc etc accidents and to serious illness or death of a person are accepted at inland express rates provided they bear the indication PLY written by the sender immediately before the address of the telegrams

These telegrams obtain priority in transmission over all express and urgent telegrams

Greetings Telegrams

Greeting telegrams may be sent on festive occasions from or to any Telegraph Office in India and Jammu & Kashmir State but not Licensed (Railway and Canal) and Portuguese Government Telegraph offices

If tendered on Sundays and Telegraph holidays and during the period when the booking of ordinary telegrams is suspended they are accepted at Express rates and on payment of late fees when due

The sender of a greeting telegram should write the words Greetings telegram in some conspicuous place on the telegram form

A multiple greeting telegram is accepted at the rate specified above *plus* a copying fee of 4 annas for each address after the first

Greetings telegrams are accepted by telephone also

Number of words		Rate Express	Rate Ordinary
		Rs a p	Rs a p
(*a*) Name of the addressee and address	4 words		
(*b*) Greetings indicated by a number	1 word		
(*c*) Name of sender	1 word		
Total	6 words	1 0 0	0 8 0
EXTRA			
Each additional word over 4 words in item (*a*) or over one word in item (*c*)		0 2 0	0 1 0

A list of phrases which have been adopted with corresponding numbers for the use of the sender in the text of the telegram will be found below

Number	*Phrases*
One	Heartiest Diwali greetings
Two	Id Mubarak
Three	Heartiest Bijoya greetings
Four	A happy New Year to you
Five	Many happy returns of the day
Six	Best congratulations on new arrival
Seven	Congratulations on the distinction conferred on you
Eight	Best wishes for a long and happy married life
Nine	A merry Christmas to you
Ten	Hearty congratulations on your success in the Examination
Eleven	Best wishes for a safe and pleasant journey
Twelve	Hearty congratulations on success in Election
Thirteen	Many thanks for your good wishes which I/we reciprocate most heartily
Fourteen	Congratulations
Fifteen	Loving Greetings
Sixteen	May Heaven's choicest blessings be showered on the young couple
Seventeen	Wish you both a happy and prosperous wedded life
Eighteen	Kind remembrances and all good wishes for the Independence Day
Nineteen	Sincere greetings for the Republic Day Long live the Republic
Twenty	My heartiest Holi greetings to you
Twenty one	Wishing the function every success
Twenty two	Many thanks for your kind message

Greetings De Luxe Telegrams

Senders of Greetings telegrams to or from offices in India may use their own phraseology in such telegrams on payment of 2 annas in addition to the charge appropriate to the class of message (Express or Ordinary)

These telegrams will be delivered in specially printed artistic forms and envelopes

This DE LUXE service is not applicable to telegrams for Burma

The sender of a DE LUXE telegram should write before the address the special instruction —DLX— which will not be charged for

Hindi and Indian Languages Telegrams

With the declaration of Hindi as the State language of India transmission of telegrams in Hindi and other Indian languages in the Devnagri script (Press and Private) was introduced with effect from 1st June 1949

In this service telegrams in Hindi and other Indian languages written in the Devnagri script are transmitted by means of a special Hindi Morse Code devised by the Indian P & T Department Greetings telegrams in standard texts in Hindi are also admitted

It was made available at first in 1949 between Agra Allahabad Banaras Gaya Jabalpore Kanpur Lucknow Nagpur and Patna In 1950 it was extended to Ajmer Bareilly Indore Jaipur Muzaffarpur New Delhi and Ranchi and in 1951 it was further extended to Belgaum Bhusawal Bombay Calcutta Poona and Sholapur

The service is now available between the following 100 stations, *viz* —

Ahmadnagar Akola Aligarh Alwar Ambala Amraoti, Arrah Asansol Ayodhya Baheri Bakhtiyarpur Ballia Barabanki Baroda Beawar Berhampore (Bengal) Bhagalpur Bharatpur Bhavnagar Bhopal Bijapur, Bijnor Bikaner Broach Burhanpur Chandausi Chapra Dalmianagar Darbhanga Dehra Dun Delhi (M) Dhanbad Dholpur Dhond Dhulia Etawah Faizabad Faridpur Fatehpur Firozabad Gadag Ghaziabad Ghazipur Gondia Gorakhpur Gwalior Hapur Hardwar Hathras Hazaribagh Hubli Jalgaon Jamnagar Jamshedpur Jaunpur Jhansi Jodhpur Karad Katni Khurja Kolhapur Manmad Mathura Meerut Midnapore Mirzapur Moghal Sarai Moradabad Motihari Nanded Nasik Orai, Pachmarhi Pauri (Garhwal) Pilani Pilibhit Pratapgarh Puri Rae Raipur Rajkot Ramgarh (Bihar) Ratlam Rewa Roorkee (M) Sambhar Lake Sandila Sangli Satara Secunderabad Seoni Shahjahanpur Simla Sonepur Sultanpur Surat Surendranagar, Tundla Ujjain, Unao, Wardha

With effect from the 1st July 1950, Greetings telegrams were admitted in Hindi telegraph service For this purpose a selection is to be made from a list of 21 stock phrases From the same date telegrams in any Indian language (for instance Gujarati, Bengali etc) provided they are written in the Devanagari script, are accepted at all stations where the Hindi telegraph service exists Telegraphic Money Orders in Hindi are also admitted from and to a number of those places in Uttar Pradesh and Bihar where the Hindi telegraph service is available

With effect from the 1st January, 1953, abbreviated telegraphic addresses have been allowed to be registered in the Devnagri script at stations where Hindi Telegraph Service is available

Phonocom Service

'Phonocom Service' means an inland telegram written in certain Indian language and accepted at certain specified telegraph offices for transmission to destination over new telephone system These telegrams are charged at inland express rates 'Phonocom Service' is at present available in the following Indian language and between the telegraph offices specified against them —

Language	*Between Telegraph Offices*
Gujarati	Bombay and Ahmedabad

Such telegrams are accepted at inland express rates

TELEGRAMS (FOREIGN)

The charges for foreign telegrams vary with the countries to which they are addressed The rates per word for telegrams to countries in Europe America, etc, are as follows —

	Ordy Rs a	LT Rs a
Europe *via* I R C —		
Great Britain and Northern Ireland	0 12	0 6
Ireland	0 12	0 6
Belgium	0 15	0 7½
Holland	0 15	0 7½
Germany	1 0	0 8
Switzerland	1 0	0 8
Spain	1 2	0 9
France	0 15	0 7½
Italy City of the Vatican	1 1	0 8½
Norway	1 0	0 8
Bulgaria	1 2	0 9
Russia	1 1	0 8½
Turkey	1 1	
Czechoslovakia	1 1	0 8½
Union of South Africa and S W Africa	0 12	0 6
Canada (all zones)	0 12	0 6
United States of America	1 3	0 9½
South America		
Argentina	2 8	1 4
Brazil	2 4	1 2
Chile	2 8	1 4
West Indies		
Jamaica	0 12	0 6
Havana	1 13	0 14½

Ordinary telegrams may be expressed in plain or secret language or any combination of them There will be a minimum charge as for five words to any destination beyond India, Burma Pakistan and Ceylon

Urgent telegrams are accepted on similar conditions as above but are charged for at double the rate for ordinary telegrams

Letter telegrams are accepted in plain language only and charged for at half the rate for ordinary telegram subject to the minimum charge as for 22 words Both private individuals and Government Officials can send such telegrams They are delivered on the morning of the day following the day of booking

Commonwealth Social Telegrams

Commonwealth Social Telegrams (GLL) conveying solely greetings family news or non commercial personal affairs can be availed of throughout the year at special reduced rates, for all Commonwealth countries except Sudan

Minimum charge for a Commonwealth Social Telegram is Rs 3 12 for the first 10 words (excluding the Special Instruction (GLL) which will not be charged) and 6 annas for every additional word

The only Special Services admitted in Commonwealth Social Telegrams are Reply Paid and De Luxe

De luxe Telegrams

Telegrams relating to happy events or greetings may be sent to certain foreign countries for delivery on an artistic form in an envelope of the same character A supplementary charge of four annas per telegram in addition to the charge at the appropriate rate according to the class (i e, Urgent Ordinary, LT, etc), is charged for such telegrams

Press Telegrams

Are accepted at reduced rates to registered newspaper, news agencies and so on The minimum charge is made as for 10 words

Urgent Press Telegrams

Are charged at same rates as for ordinary full rate telegrams except for Commonwealth countries for which the charges are equal to half the charges for ordinary telegrams The minimum charge is made as for 10 words

Radio Telegrams

For radio telegrams addressed to ships at sea from offices in India and transmitted *via* the coast stations at Bombay Calcutta or Madras the charge is thirteen annas per word (ordinary) in nearly all cases

The following are the charges (excluding supplementary charges) for radio-telegrams from offices in India transmitted to ships at sea through the coast stations mentioned in the preceding paragraph —

	Total charge per word Ordinary Rs a
(1) All Government or Private Radio telegrams, excepting those mentioned in (2) and (3) below	0 13
(2) Radio telegrams to British Ships of War or Ships of the Indian Navy	0 8
(3) Radio telegrams to Spanish or Swedish ships	0 12

All radio telegrams in secret language (code or cypher) are chargeable at the same rates as those in plain language

The sender of a radio telegram may prepay a reply He must insert before the address the instruction R P followed by mention in Rupees and annas of the amount prepaid, *e g* R P 7 8 This expression counts as one word

Phototelegrams

Phototelegrams are accepted at all large telegraph offices in India for Great Britain, U S A (New York) San Francisco Australia Egypt Montreal (Canada) and Union of South Africa in rectangular shape bearing an address written on ordinary foreign telegram form or on the photo telegram forming part of the phototelegram to be transmitted Phototelegrams are charged according to chargeable number of square centimetres shown below —

Area in sq centimetre	From India to Great Britain				From India to U S A
	Press		Private		Government		All classes	
	Rs	a	Rs	a	Rs	a	Rs	a
0—150	40	8	67	8	33	12	95	4
151—250	54	0	87	12	43	14	142	14
251—350	67	8	108	0	54	0	190	8
351—450	81	0	128	4	64	2	238	2
451—575	94	8	148	8	74	4	285	12

Phototelegrams for San Francisco are accepted with an additional charge of 9 annas per copy if sent by ordinary air mail and Rs 4 12 0 per copy if sent by private express air mail beyond New York

From India to Australia Egypt, Montreal (Canada) and Union of South Africa

Area in square centimetre	Press		Private		Government	
	Rs	a	Rs	a	Rs	a
0—150	60	12	101	4	50	10
151—250	81	0	131	10	65	13
251—350	101	4	162	0	81	0
351—450	121	8	192	6	96	3
451—575	141	12	222	12	111	6

From India to Finland upto 150 sq cms Rs 163 for each additional 100 sq cms - Rs 47

From India to Sweden upto 150 sq cms — Rs 147 for each additional 100 sq cms — Rs 42

From India to Norway upto 150 sq cms — Rs 149 for each additional 100 sq cms - Rs 42

From India to Belgium upto 150 sq cms Rs 129, for each additional 100 sq cms — Rs 35

The following special services are admitted in phototelegrams —

X address TMx

X copies in addition to the first to be delivered to the addressee Kx

Reply Paid Telegrams

The service indication RP (amount) is to be inserted by the sender before the address of destination *The charge paid for reply must* not be less than the minimum charge for ordinary telegrams

OUTLAY, REVENUE (1952-53)

	Telegraphs	Telephones	Radios
Capital outlay	Rs 30,00 28 906	Rs 30 08 27 146	Rs 53 30 739
Revenue (R E)	,, 6 41 70,000	,, 10 34 28 000	,, 8 62,000
Expenditure (R L)	,, 5,90 95,000	,, 7,05 95 000	,, 24,70 00
Profit (+) Loss (—)	,, +50 75 000	,, +3 28 29 000	,, —16 08,000

BUDGET (1953 54)

Figures in thousand rupees

	Whole Department	Telegraphs
Income	14,12 00	6 2 5,44
Expenditure	41 81 51	6 11 63
Surplus	2 30,49	13 81

FACTS AND FIGURES (MARCH 1953)

Total staff of Department—220 701

Gazetted officers—991

Total output of workshops—Rs 279 lakhs

No of telegraph offices -8 463

,, ,, inland telegrams 23,823 715

,, ,, foreign telegrams —4 577 476

,, ,, Press telegrams—251,814

,, ,, Ordinary telegrams—28,910 608

Radio Telegrams >7> 000

Total revenue from telegrams—Rs >43 68 610

Post lines telegraph lines—89 304 miles

Wires of telegraph lines —627,189 miles

Cable conductors 20 493 miles

Channels—261 363 miles

Telegraph cables —731 miles

No of telephone exchanges (including P X s and P B X s)— 4 >94

Mileage of telephone wire—1 50 377

Mileage of cable conductors —769,377

Mileage of channels -171 119

Total no of telephones—201 000

Total no of trunk calls—10 8 millions

Total no of wireless messages—>74 000

The number of telephones in some of the larger cities is given below (March 31, 1952)

Bombay —46 181 Calcutta 35 794 Delhi —14 582 Madras—11 102 Ahmedabad—3 782 Hyderabad—2 376

Besides the Indian Telephone Industries Factory in Bangalore and the Hindustan Cables Ltd at Rupnarainpur in West Bengal there are factories in Alipur Bombay and Jabalpur

The training centre is at Jabalpur

FIVE YEAR PLAN

Total allotment for posts and telegraphs Rs 50 crores

The main object is to provide a post office for every village with a population of 2,000 or over and increased telephone facilities in cities

Thus there will be automatization of the manual exchanges at Lucknow Patna Jaipur Ajmer, Gwalior Coimbatore and Calcutta

The services in Bombay Delhi Madras Kanpur, Ahmedabad Poona etc will be expanded

Delhi Calcutta and intermediate stations will be linked by underground cable

The expansion of the wireless network will cost Rs 57 lakhs

New power wireless transmitters will be installed at Calcutta Bombay Madras and New Delhi to strengthen coastal wireless stations and re open the Rangoon Telephone Circuit

The factories will be reorganized at a cost of Rs 83 lakhs when the output is expected to increase by about 30 per cent

A telecommunications research centre will be set up at the National Physical Laboratory at Delhi for the present and smaller units at Posts and Telegraphs factories

The building projects such as expansion of Bombay General Post Office will cost Rs 204 lakhs

The Jabalpur Training Centre will be expanded and four large new training centres will be opened at Hazaribagh Baroda, Hyderabad Bangalore

The plan provides for staff colonies at the following places The number in brackets gives the number of quarters

Ahmedabad (120) Bhubaneshwar (140), Bombay (300) Chandigarh (100) Delhi (700), Gauhati (40) Kanpur (100) Nagpur (40) Patna (100), Siliguri (96)

Some of the projects under the Five Year Plan and the total cost are given below The figures are in rupees lakhs

Calcutta automatization (9 73) Bombay auto expansion and replacement (3 71) Lis Hazari (Delhi) exchange (97) Ahmedabad exchange (40) Nagpur 1 500 lines expansion (5) Bangalore exchange expansion (26) Travancore exchange (2) Simla exchange (1) Hyderabad exchange (70) Delhi secretariat exchange (32) Kanpur exchange (44) Lucknow exchange (49), Expansion of other auto exchanges (1 81) Manual exchanges (5 00) Trunk exchanges (41) Carrier equipment (1 10) Bombay Thana cable (32) Telecom circuits for Railways Canals and Civil Aviation Department (1 09) Trunk lines (1 60) Telegraph development (1 34) Long distance trunk cable (4 40) Wireless network (57) Mechanization of post offices (30) Special requirements (1 68) Jabalpur Training Centre and Development Circle (18) Minor works (6 13) Workshops (83) Madras Circle office building (13) Quarters for P and T staff (1 34) Bombay C T O building (35) Bombay G P O building (25), Post office buildings (2 04)

Total Rs 48,96 lakhs

OVERSEAS COMMUNICATIONS SERVICE

Allotment under Five Year Plan Rs one crore

OVERSEAS Communications Service is a State activity working directly under the Ministry of Communications on commercial lines with the Head Office at Bombay Its functions are provision, operation and development of all facilities for communication between India and the outside world

The chief administrative head of the Service is the Director General Overseas Communications Service

The Service has two main branches, viz Traffic and Engineering The Traffic branch is under the control of the Dy Director General (Traffic) who has his headquarters at Bombay while the engineering branch is under the control of the Chief Engineer with his headquarters at Kirkee near Poona

The Overseas Communications Service has stations at Kirkee Dhond Bombay, Madras and Delhi Kirkee is the principal transmitting station and Dhond the principal receiving station while Bombay is the principal operating station of the Service Kirkee and Dhond are connected to Bombay by way of wired wireless circuits

Madras is a cable station while the Delhi station works the direct radio telegraph services —New Delhi London and New Delhi Moscow It also handles the Multi address Press Service for the External Affairs Ministry

The following radio services are now operated by India —

		Date of Inauguration
1	India United Kingdom Wireless Telegraph Service	23 7 27
2	India United Kingdom Radio-Telephone Service	1 5 38
3	India Australia Wireless Telegraph Service	14 1 42
4	India China Wireless Telegraph Service	25 2 42
5	India United States of America Wireless Telegraph Service (*via* Mackay)	15 8 44
6	India United Kingdom and United States Radio photo Service	29 4 48
7	India Afghanistan Wireless Telegraph Service	12 1 50
8	India Japan Wireless Telegraph Service	17 8 50
9	India Indonesia Radio-Telephone Service	2 10 50
10	India Indonesia Wireless Telegraph Service	1 2 51
11	India Thailand Wireless Telegraph Service	15 3 51
12	India Russia Wireless Telegraph Service	18 6 51
13	India Egypt Radio-Telephone Service	2 7 51
14	India United States of America Wireless Telegraph Service (*via* RCA)	2 7 51
15	India Iran Radio Telephone Service	1 3 52
16	India Japan Radio-Telephone Service	14-8-52

RADIO-TELEGRAPH SERVICE

The following lines are in operation

(*a*) Bombay London, (*b*) Delhi-London, (*c*) Bombay Shanghai, (*d*) Bombay New York (*e*) Bombay Melbourne, (*f*) Bombay-Tokyo (*g*) Delhi Moscow, (*h*) Bombay Kabul, (*i*) Bombay Bandoeng, (*j*) Bombay Bangkok, (*k*) Calcutta London

OVERSEAS RADIO-TELEPHONE SERVICE

India today operates five direct services

(*a*) Bombay London, through London calls are extended to the following countries Australia, Barbados, Bahrain Belgium Bermuda Canada, Cuba, Czechoslovakia, Denmark Finland, France Gibraltar Hungary Iceland Israel, Italy Kenya, Luxemburg Mexico Netherlands Northern Rhodesia Norway, Saar Spain, South Africa, South Ireland South Rhodesia South West Africa Sweden Switzerland, Tanganyika, Uganda, U S A, Vatican City, West Germany

This service is also available to the following British registered ships at sea *via* London Queen Elizabeth Queen Mary, Caronia, Queen of Bermuda, Mauretania The following American registered ships America, Constitution, United States, Independence and the following Dutch registered ships Nieuw Amsterdam Rijndam

(*b*) Bombay Djakarta, (*c*) Bombay Cairo, (*d*) Bombay Teheran, (*e*) Bombay Tokyo

These Radiophone facilities are also used for inter-continental interviews, discussions and programme material for purposes of re broadcast both in India and abroad

OVERSEAS RADIO-PHOTO SERVICE

This service enables signalling by radio a manuscript, photograph, drawing—in fact any thing that is in black and white on paper and reproduction as a photo replica of the original

(*a*) Bombay London is also extended to Australia South Africa, Canada Egypt Finland, Norway Sweden, Belgium Switzerland, Portugal, Greece, Denmark, Germany, Italy

(*b*) Bombay New York, and *via* New York to San Francisco The service is regularly used by the business interests for the exchange of balance sheets specification and drawings of machinery etc

OVERSEAS SUBMARINE CABLE SERVICE

The cable chains are —

(*a*) Bombay—Aden — Alexandria—Malta—Gibraltar—London

(*b*) Bombay—Aden—Mombassa—Zanzibar—Sychelles

(*c*) Madras—Penang—Singapore—The Far East

MULTI-ADDRESS BROADCASTS

Overseas Communications Service handles news transmissions on behalf of the Government of India to consular posts abroad The transmissions from New Delhi are picked up by the following Consular posts in Asia, Europe Australia and America Khatmandu, Rangoon Singapore Djakarta Kabul, Bagdad, Teheran Ankara, Paris Cairo London Brussels Rome, Berne, Prague, Moscow the Hague, Bonn Tokyo, Canberra, Peking, and Nairobi

The transmissions from Bombay are picked up by Buenos Aires and Rio De Janeiro

BUDGET

The Five Year Plan has allocated one crore of rupees for development

The plan covers modernising and expanding its existing Bombay and Delhi radio centres and opening similar centres at Calcutta and Madras

At the end of the Plan there will be four independent foreign radio centres for India namely Bombay, Delhi, Calcutta and Madras, which will normally work as complementary to one another

A beginning has already been made by the establishment of a radio centre at Calcutta when a service was opened to London on March 12, 1953

The revenue for the years 1952-53 and 1953 54 was estimated at 121 lakhs and 113 lakhs respectively

The profit of the O C S for the year 1952 53 was estimated at about 36 lakhs i e 36 per cent on the total Capital Outlay of Rs one crore

The table below shows the revised estimates for 1952 53 and the budget estimates for 1953-54 on the expense side

	Revised Estimate 1952-53	Budget Estimate 1953 54
	Rs	Rs
Pay of officers	4,37,000	5,20,000
Pay of establishments	14,69,500	17,41,000
Allowances honoraria, etc	15,88,000	14 98,000
Other charges	9 81,000	11,00,000
Interests and depreciation		
Interest on capital outlay (Charged)	3,00,000	4,08,000
Depreciation (Voted)	6,00 000	7,50,000
Payments to other Government Departments, etc	29,89,500	33,94,000
Charges in England	89,000	86,000
Loss or gain by exchange	—	—
Total	84,54,000	95,06,000
Capital Budget	20,00,000	33,50,000

BROADCASTING

FOR several years limited broadcasting services were maintained by radio clubs in Calcutta, Bombay and Madras

Although the transmitting sets employed by them were of very low power, the broadcasts were popular

The clubs were assisted financially by a government contribution based upon the revenue from licence fees, but this did not suffice to cover the cost of the transmissions and great credit is due to the members of those clubs for the sporting manner in which they provided additional funds and undertook the entire responsibility for the programmes

After negotiations extending over several years, an Indian Broadcasting Company was granted a licence to establish broadcasting services upon lines similar to those of the British Broadcasting Corporation, and transmitting stations were erected at Bombay and Calcutta, the service from the former being inaugurated by the Viceroy in July 1927 and the latter by the then Governor of Bengal a month later

These stations had each an aerial input of one and a half kilowatts, the same as that of the 2LO station in London, of which they were practically duplicates

The programmes were so arranged that both Indian and European music were broadcast daily and the news bulletins and market and weather reports were read in two languages

Owing to financial difficulties the Indian Broadcasting Company went into liquidation with effect from March 1, 1930

Since then the Government of India have been controlling broadcasting in this country

Government for this purpose formed an Indian State Broadcasting Service now called *All India Radio*, and instituted a Central Broadcasting Advisory Committee

In 1934, Government felt justified in embarking on a policy of development and, as a first step, a sum of Rs 2,50,000 was granted for a 20-kW mediumwave station to be established at Delhi

This station was actually opened on January 1, 1936

In the year 1936 a special fund of Rs 40,00,000 was created for the development of broadcasting in India

Orders for extensive new equipment for implementing the scheme of expansion were placed in January 1937

It included 8 transmitters which were put into operation as follows —

Delhi 10-kW shortwave December 16, 1937, Bombay 10 kW shortwave February 4, 1938, Lucknow 5 kW mediumwave April 2, 1938, Delhi 5 kW shortwave June 1, 1938, Madras 10-kW shortwave June 16, 1938, Madras 0 2 kW mediumwave June 16, 1938, Calcutta 10-kW shortwave August 16, 1938, Tiruchirapalli 5 kW mediumwave May 16, 1939

In the year 1942, the Government of India decided to install a high power shortwave transmitter which would be capable of providing broadcasting service to foreign countries

A 100 kW transmitter was opened on May 1, 1944 forming an important landmark in A I R's development programme

Later at the request of the Government of the U K five shortwave transmitters including one 100 kW shortwave transmitter were installed as an urgent war measure These were subsequently taken over by A I R

ALL-INDIA RADIO

All India Radio is a department of the Ministry of Information and Broadcasting, of the Government of India

Its head is the Director General, All India Radio, whose office is located in Broadcasting House, Parliament Street, New Delhi

Other officers at headquarters are Chief Engineer, Deputy Directors General, Deputy Chief Engineer, Director of Programmes Director of Programme Planning, Director of Public Relations, Assistant Director of Listener Research, Deputy Director of Administration and Assistant Directors of Administration

The stations transmit for about five to ten hours a day

This is generally split up into three transmissions, morning, afternoon and evening

Programmes are planned by Station Directors with the assistance of the Programme Executives and Programme Assistants Details are worked out well in advance of their schedule dates and are published in the journals of All India Radio

Programmes are broadcast in 15 major Indian languages and in English

Broadcasting House — Probably the largest centre of broadcasting activity in the East, Broadcasting House was completed in 1948 Architecturally, it is one of Delhi's newest and most striking sights It represents from the point of view of equipment, the latest practice in radio engineering

With its air conditioned studios each with an individual acoustic pattern to suit every variety of sound reproduction its control room —a model of scientific efficiency —its dramatic control panels and effects and echo rooms it constitutes a landmark in every sense of the word in the history of Indian broadcasting

Research and Maintenance Departments —These two departments are located in New Delhi

The Research Department deals with all technical problems concerning reception and transmission Special studies are undertaken on ionospheric data and forecasting transmission conditions, field strengths of short and medium wave stations atmospheric noise levels prevalent in various parts of India, studio and record ng characteristics and development of cheap receivers

The Department also maintains a field station at Lodapur near Delhi where the frequencies of All India Radio Stations are constantly checked

The Maintenance Department handles problems which arise in the upkeep and day to day operation of the engineering equipment used by All India Radio in addition to maintaining Central Stores Depot

Radio Journals —A I R publishes programme journals in English (Indian Listener), Urdu (Awaz) Hindi (Sarang) Bengali (Betar Jagat), Tamil (Vanoli), Gujarati (Nabhovani) and Telugu (Vani)

The Indian Listener' is a weekly, and the rest are fortnightlies

Monitoring Office.—The Monitoring Service (Simla) keeps a round-the clock watch on transmissions from all the main broadcasting systems of the world, monitors news commentaries and selected talks transmitted from those stations in English, in Indian languages and in some foreign languages, from as many as 30 different countries

Public Relations.—For establishing and maintaining contact between All-India Radio and its listeners there is a Director of Public Relations at Headquarters and a Public Relations Officer attached to some stations

Listener Research.—The primary purpose of Listener Research is to determine the listening habits and programme preferences of radio listeners by ascertaining from time to time their reactions to programmes broadcast

This information is necessary for planning programmes calculated to have the maximum listening appeal

Collection of authentic information on this subject is the task which the Listener Research Department of AIR has to fulfil

Although Listener Research in this country is still in its infancy, a good deal of information on the listening audience and on trends of listening has already been collected and more light is constantly being shed on this absorbing subject

For this purpose contact with listeners is maintained through listeners' letters press reactions field surveys and questionnaire studies of listeners preferences and reactions to programme broadcast

By utilising all recognised methods of assessing listener reactions, AIR is trying its best to provide programmes suited to the needs of its listening audience

Advisory Committees, established at the broadcasting centres in consultation with the State Governments, keep the Director-General, All India Radio, in touch with local public opinion in the matter of programme construction and advise him on such matters

BROADCAST PROGRAMMES

The following table shows the number of hours broadcast and the fees paid to the artistes

Year	Hours	Fees
		Rs
1947	36 384	not available
1950	64 529	35 48,000
1951	73 072	38,91 000
1952	74 640	33 16 000
1953	not available	34 76 000

Women's Programmes —These are in the regional language and are broadcast from almost all the stations They consist of music, features and talks

Children's Programmes —Wherever possible the children are divided into two or three age groups The programme is conducted or compered by an elderly character known to the children Another elderly person usually a woman is used to assist the compere

Fables stories from classics and musical items, form the content of the programmes, and listeners are encouraged to participate

The programmes are conducted from all the stations the time varying from 30 minutes to an hour

In the rural broadcasts there is a children's day once a week

School Broadcasts —The school broadcasts are meant to supplement the regular curriculum of the school

The children are divided into two or three age groups, and the talks dialogues, features or musical items are in the mother tongue, English, Hindi or Sanskrit

History geography and general science are the subjects generally covered

The hours vary from station to station

There are Educational Committees to advise the Station Director in the composition of the programme for the academic term and these are announced in pamphlets for each term

Occasionally students from a particular class are taken to the radio station to give a performance

The idea is that students should listen to the broadcasts while at school in the company of their teachers

Industrial Broadcasts—Stations in such industrial towns like Bombay Calcutta Lucknow Madras, Ahmedabad put out suitable programmes in the language of the local working class

The programme contains dialogues features and news reviews all relating to workers and their organisations

For recreation devotional music and popular songs are used

Rural Broadcasts—While the provision of programmes is a Central responsibility the provision of listening sets to the rural population is the responsibility of State Governments

The composition of such programmes is arranged in consultation with the local agricultural and allied departments

Supplementary or spare time occupations are suggested and information is given on items like improved seed new implements sowing crop and cattle pests and their remedies and market rates of current agricultural produce

Weather bulletins during the monsoon are a regular feature of the composite programme

National Programmes—On Saturday nights a concert of classical music, vocal or instrumental Hindustani or Carnatic is arranged at the Delhi studios in the presence of a selected gathering, and is relayed by all stations

This is a national programme as all stations are included in the hook up It lasts about 90 minutes

The object is to make the audiences more classical music minded and to give patronage to deserving artistes

NEWS SERVICES

The following table shows the budget estimates of expenditure in Rs lakhs

	Actuals		Estimates	
	1950–51	1951–52	1952–53	1953–54
External Services	Rs 12 44	12 76	15 00	15 25
News Services	16 44	15 99	18 21	20 14

The News Services Division occupies a wing of Broadcasting House in Delhi and puts out 72 news bulletins in 28 languages (15 Indian and 13 foreign) occupying about 14 hours daily

All the news bulletins are prepared in the News Service Division and broadcast from the transmitters at Delhi set apart for news

Each regional station relays the bulletins suitable for its listening areas

A few minutes are set apart at each station for local announcements This period accommodates news of purely local interest

The Indian languages used in the Home Services are

Assamese Bengali English Gujarati, Hindi, Kanarese Kashmiri Malayalam, Marathi Oriya, Punjabi Sanskrit Tamil, Telugu, Urdu and about 20 other dialects

The broadcasts from the External Services Division consist of daily services to the Middle East East & South Africa West Indies, East Indies South East Asia and Europe

The languages used are Hindi Tamil Gujarati English Burmese Kuoyu Cantonese Indonesian Pushtu French Swahili, Persian and Arabic

All these are radiated from Delhi but they are distinct from the programmes of the Delhi (regional) station Altogether 24 news bulletins a day in twelve languages nine foreign and three Indian—are broadcast

The total output of the External Services is 16 hr and 45 mt daily

Particulars about the External Services are given below

EASTERN SERVICE

General Service (East & S E Asia)	30 mt	news
	75 mt	recorded music
	45 mt	composite programme
	150 mt	daily
Burmese Service	90 mt	daily
Chinese Service Cantonese	30 mt	
Kuoyu	45 mt	
English	15 mt	
	90 mt	daily
Indonesian Service	45 mt	daily

WESTERN SERVICE

General Service (East & S E Africa and Mauritius)	70 mt	
	10 mt	
	35 mt	
	45 mt	
	160 mt	daily
West Indies Service	15 mt	daily
Pushtu Service	60	
Afghan Persian Service	120	
Persian Service	60	
Arabic Service	115	
European Service	60	,,
French Service	45	
Swahili Service	30	,
TOTAL	16 hr 45	, ,

Language	Area covered
English	South East Asia, East & South East Africa, Mauritius, Europe, West Indies
Hindi	South East Asia, East and South East Africa, Mauritius, West Indies
Tamil	South East Asia
Gujarati	East & South Africa Madagascar and Mauritius
Pushtu	North West Frontier
Afghan Persian	Afghanistan, North West Frontier
Persian	Iran and Iraq
Arabic	Persian Gulf, Saudi Arabia, Iraq, Syria, Lebanon, Palestine, Transjordan Egypt, East Africa, Southern Coast of Arabia
Burmese	Burma
Indonesian	Indonesia & Malaya
Kuoyu	Central and East China
Cantonese	South China

AIR STATIONS

At present there are 21 broadcasting stations The following table gives the location, says when they were opened, and gives the medium wave length which is permanent

Location	When started	Medium wave length
Ahmedabad	April 1949	312 5 m
Allahabad	February 1949	394 7 m
Amritsar	February 1948	230 8 m
Baroda*	December 1948	250 m
Bombay	February 1938	A 243 9 m (S W acc to season)
		B 353 m "
Calcutta	August 1938	A 370 m (S W acc to season)
		B 300 m
Cuttack	January 1948	222 2 m
Delhi	December 1937	A 337 1 m (S W acc to season)
		B 422 5 m
Dharwar	January 1950	405 4 m
Gauhati	July 1948	384 6 m
Hyderabad*	April 1950	411 m
Jullundur	November 1947	230 8 m
Kozhikode	April 1950	517 2 m
Madras	June 1938	A 211 3 m (S W acc to season)
		B 260 3 m
Mysore*	April 1950	309 3 m
		62 50 m
Nagpur	July 1947	508 5 m
Patna	January 1948	265 5 m
Poona	October 1953	375 m
Tiruchirapalli	May 1939	389 6 m
Trivandrum*	April 1950	454 5 m
Vijayawada	December 1948	357 1 m

* These stations were taken over

Below we give short notes on some of these stations

Ahmedabad—Baroda.—These two stations serve the Gujarati speaking area There are broadcasts for villagers and for industrial workers from Ahmedabad Occasionally items in Marathi are broadcast from Baroda

Under the expansion scheme a 50 kW medium-wave transmitter will be installed in between the two stations, and Baroda will be retained as a supplementary station

Allahabad—Lucknow —An experimental transmitter of the Allahabad University was the nucleus of the Allahabad station used as a supplementary to Lucknow

The claims of Allahabad could not be ignored, particularly in the literary field

Amritsar—Jullundur —The necessity for these two stations was felt immediately after the Partition for the Punjabi speaking population As the capital is now located at Chandigarh Amritsar may be retained as a supplementary station

A 50 kW transmitter (medium-wave) is earmarked for this area

Bombay.—One of the earliest stations to start broadcasting (1927) Bombay has the highest number of licence holders, both in the State as a whole and in the area of the metropolis

It is the most multi lingual station in the AIR list, using 8 languages for broadcasting, including Konkani, Sanskrit and Urdu

There are two sets of transmitters, A & B, with medium and short waves each

There are plans for a 50 kW medium-wave transmitter to go into operation from Bombay

Calcutta.—This is the first station to have a 50 kW medium-wave transmitter As it is not burdened with the need for broadcasting in many languages, it has achieved good progress in technique, and can also train broadcasters to perform.

Cuttack.—As it is the capital of a State Cuttack has a pilot station

The number of licence-holders in this State is the smallest in India

Delhi.—As most of the present development of All India Radio took place during World War II, Delhi received a great deal of attention

All the 100 kW and other short-wave transmitters and the centralised department of news, programme publicity, research and planning, external services, etc , came to be located in Delhi

The weekly national programmes are arranged from Delhi for an all India hook up

Talks of national importance are also broad cast from Delhi once a week (Wednesdays) for a similar nation wide relay

Dharwar —This station was put up as part of the Eight Year Plan of radio expansion It is a small pilot station with only a limited coverage , its running time also is short

Gauhati —The need to provide broadcast facilities for the N E Frontier districts was a factor in making Gauhati a station in the AIR link

In the first instance it was a double station with Shillong, but now all transmitting is done by Gauhati Its strategic position, proximity to Pakistan s Dacca station, and the necessity to provide entertainment to plantations, were the considerations that led to the early establish ment of the station

Hyderabad —The central situation of this station holds immense possibilities for its development as a supplying station for the entire sub-continent Nagpur is the only rival to Hyderabad in this respect

Next to Bombay, Hyderabad is the one which is most multi lingual in its coverage English, Hindi, Urdu, Telugu, are languages commonly used, while Marathi and Kannada are not ignored.

Kozhikode—Trivandrum —Calicut (its former name) was chosen as the site when it was decided to have a station for the Malayalee speaking areas With the taking over of the Trivandrum station where the University had a small pilot plant for broadcasting, it was found suitable to link the two stations for covering almost the same region.

Madras.—This is one of the earliest stations to have broadcasting services run by the Municipal Corporation.

It is multi lingual All the Dravidian languages, Tamil Telugu, Kannada, Malayalam, are used by Madras besides English and occasionally Hindi

Mysore —The station has one short-wave and one medium wave transmitter, and affords a good coverage

It is likely that Bangalore, the other capital of Mysore, will have a 50 kW medium-wave transmitter and a supplementary studio

The musical talent available in this region requires to be fully utilised and a powerful transmitter may be able to serve the entire peninsular audiences

Nagpur —Besides being the capital of M P , it is centrally situated for all India coverage The transmitter originally erected was therefore replaced by a stronger one

Patna —This station was opened only because it was the capital of Bihar The number of licence holders in the area is small There are not many large towns or cities in the State though the total population is large

Delhi, Lucknow and Calcutta met the requirements of the population before Patna had a station That is why Lucknow, Allahabad and Patna had for many months a common programme for the major part of their transmitting time

Poona —The claims of Poona for a station were ignored for a long time because of its proximity to Bombay

It is proposed to replace the present transmitter with a more powerful one

Tiruchirapalli —In the heart of the Tamil speaking country Tiruchirapalli had an early start over all other similar cities The quality of its musical programmes is very high, and many items are relayed by Madras and other stations in the State

Vijayawada —This station was established to meet the needs of the Telugu speaking population It has obvious handicaps

The University is at Waltair, and the capital of the Andhra State was for long a matter of speculation

LICENCES

Broadcast receiver licences are issued at all head and sub-post offices at a fee of fifteen rupees per year, and cover the use of receiving sets throughout India

Broadcast Receiver Licences are issued to Municipalities or other public bodies for the reproduction of broadcast programmes in public places by the Postmaster General of the State

A licence issued for this purpose covers the use of one wireless receiver and any number of loudspeakers at one place only but does not cover any external wiring erected outside the premises of the licensee

A separate Broadcast Receiver Licence is, however, necessary in the case of clubs, institutions, messes, etc , for reproducing broadcast programmes at subscriptions, dances, concerts, bazaars, etc , to which the public are admitted

This licence is also issued by the Postmaster-General at a fee of Rs 50 and is valid for one year

The receiver licence fees per year are as follows:

Domestic, Rs 15 , Commercial, in shops, etc , Rs 50 , Community villages, Rs 10 , Dealers and salesmen, Rs 15

The growth of broadcast receiver licences at the end of each year (in January) beginning with 1937 is given below

Year	Licences	Year	Licences	Year	Licences
1937	50,680	1943	176,061	1949	322,800
1938	64,480	1944	193,585	1950	396,400
1939	92,772	1945	202,829	1951	599,100
1940	119,417	1946	232,368	1952	473,759*
1941	147,121	1947	247,100	1953	587,169*
1942	165,675	1948	286,046		

* Figures on a new basis

It may be explained that licences expire in December and delay on the part of licence holders shows a fall in January But the figures thereafter steadily rise

The following table shows the number and the value of radio sets imported into India over a number of years —

Year	Number	Value in Rs lakhs
1939–40	43 684	61 28
1940–41	38 855	35 32
1941–42	52 416	41 73
1942–43	18 939	32 10
1943–44	5 384	6 53
1944–45	895	1 51
1945–46	5 982	7 04
1946–47	107,114	169 58
1947–48	192 172	288 40
1948 49	42,202	76 59
1949 50	43,355	71 66
1950-51	16 012	25 44
1951 52	29 121	—
1952–53	19 286	—

PRODUCTION OF SETS

The installed capacity of factories manufacturing broadcast sets in India is 200 000 sets a year

The following table shows the trend of production —

Year	Sets
1947	3 036
1948	24 096
1949	16 836
1950	44,340
1951	61 800
1952	71 496
1953	47 000†

FIVE-YEAR PLAN

Total allotment Rs 3 52 crores

Seven new broadcasting stations are to be established at Poona*, Rajkot, Gwalior Indore, Jaipur Jodhpur and Bangalore under the Five Year Plan for development of broadcasting

The Broadcasting expansion project, which is estimated to cost Rs 3 52 crores on the capital side, also provides for equipment of the Bombay, Calcutta and Madras stations with a high power short wave transmitter each for ensuring satisfactory inter regional national and external transmission

It is also proposed to install medium wave transmitters of high power, one each at Bombay, Ahmedabad, Calcutta, Jullundur, Allahabad and Bangalore

Nagpur, Gauhati, Madras, Indore and Hyderabad will each have a medium wave transmitter of medium power, while in Poona, Jaipur, Jodhpur, Gwalior and Rajkot medium wave transmitters of low power are proposed to be installed

Construction of studio buildings at Calcutta and Madras and the extension of Broadcasting House in New Delhi are also important features of the Plan

Other stations are also proposed to be modernised with a view to handling a greater volume of broadcasts and improving the quality of production

Additional facilities will also be available in all stations in respect of accommodation and recording

Construction of additional studios close to Broadcasting House in New Delhi is to be undertaken in order to eliminate overcrowding in the existing studios, which affect adversely the quality of programmes and frequency of rehearsals

The Five Year Plan also provides for increased facilities in the Research Department of All India Radio where problems connected with efficient broadcasting of programmes from both the acoustic and propagation points of view are studied

The proposed staff training school is intended to enable the engineering staff of AIR to keep pace with rapidly developing broadcasting engineering technique

* Opened in October 1953

† For ten months ending October

THE PRESS

ACCORDING to a Government estimate there were 6,762 newspapers and periodicals in India on April 1, 1952

Dailies, 596 (70 English), Weeklies, 2,226 (261 English), Other periodicals, 3,940 (784 English)

According to the same authority the total circulation of dailies is about 2,000,000

The following table gives a language wise distribution of the language papers and periodicals on March 31 1952

	Dailies	Weeklies	Other Periodicals
Assamese	1	6	31
Bengali	24	198	423
Gujarati	42	141	117
Gurmukhi (Punjabi)	18	43	43
Hindi	125	526	877
Kannada	30	87	48
Malayalam	11	46	102
Marathi	41	168	113
Oriya	4	19	44
Sanskrit	nil	3	7
Tamil	15	136	313
Telugu	7	99	217
Urdu	163	311	270
Bilingual or multilingual	33	133	505
Sindhi and other languages	12	49	46

The following is a list of some English dailies with the names of the editors

Advance, Nilendranath Roy Calcutta

Amrita Bazar Patrika Tushar Kanti Ghosh Calcutta and Allahabad

Assam Tribune I N Phookan Gauhati

Bombay Chronicle, J D Ewing Bombay

Bombay Sentinel J D Ewing Bombay

Deccan Chronicle, K R Pattabhiram Hyderabad

Deccan Herald, Pothan Joseph Bangalore

Evening News of India, Frank Moraes Bombay

Free Press Bulletin, M V Kamath Bombay

Free Press Journal, M Sivaram (Ag) Bombay

Hindu, Kasturi Srinivasan Madras

Hindustan Standard, Sudhansu Kumar Basu (*Actg*) Calcutta

Hindustan Times, Devadas Gandhi (*Mg Ed*) New Delhi

Hindustan Times Evening News New Delhi

Hitavada, A D Mani (*Mg Ed*) Nagpur

Indian Express, Ramanath Goenka (*Mg Ed*) Madras, Bombay Delhi

Indian Nation, Dr Sachin Sen Patna

Jai Hind Calcutta

Leader, R N Zutshi Allahabad

Mail, A A Hayles Madras

Nagpur Times K P Narayanan Nagpur

National Herald, M Chalapathi Rau Lucknow

Pioneer, S N Ghosh Lucknow

Searchlight, M S M Sharma Patna

Statesman, G A Johnson Calcutta and New Delhi

Telegraph, K V Venkatram Kanpur

Times of India, Frank Moraes Bombay and New Delhi

Tribune, J Natarajan Ambala

PRESS LAWS

In general the laws which affect the Press in India today are Press and Registration of Books Act, 1867, the Indian Copyright Act No III of 1914, the Indian Official Secrets Act No XIX of 1923 Sections 124 A, 153 A, 171 G, 255, 292, 293, 294-A, 295-A, 489 A, 499–502 and 505 of the Indian Penal Code, Sections 99-A–99 G and 108 of the Criminal Procedure Code, Sections 81, 84 and 87 of the Indian Evidence Act No I of 1872, Sections 19 and 181 A of the Sea Customs Act No VIII of 1878, Sections 5 and 7 of the Land Customs Act No XIX of 1924, Sections 26, 27 A 27 D of the Indian Post Office Act No VI of 1898, Section 5 of the Indian Telegraph Act No XIII of 1885, Sections 40, 52 and 53(1)(*b*) of the Patents and Designs Act No II of 1911, Section 69 of the Trade Marks Act No V of 1940, the Press (Special Powers) Act No XXXIX of 1947 the Contempt of Courts Act, 1952 (Act XXXII of 1952) Article 19 (1) (*a*) and (*g*) and Clause (2) and (6) of the same Article of the Constitution of India The amendment to Article 19 (1) (*a*) reads 'Nothing in Sub clause (A) of Clause 1 (the Citizen's Right to Freedom of Speech and Expression) shall affect the operation of any existing law or prevent the State from making any law in so far as such law imposes reasonable restrictions on the exercise of the right conferred by the said sub clause in the interest of the security of the State, friendly relations with foreign States public order, decency morality, or in relation to contempt of court, defamation or incitement to an offence (This amendment is retrospective in operation) the Tax on Newspapers (Sales and Advertisements) Repeal Act No XXVIII of 1951 the Press (Objectionable Matter) Act No LVI of 1951

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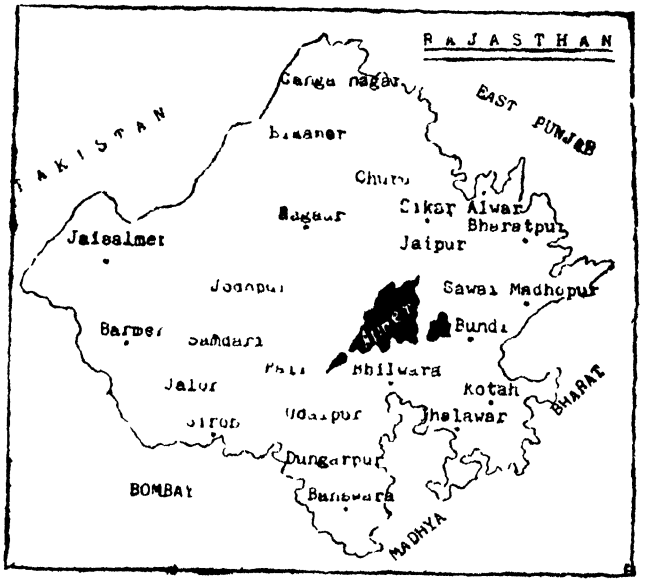

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There is a service from Bombay to Oslo on Saturdays, while in the opposite direction the plane from Oslo passes through Bombay on Tuesdays

BRITISH OVERSEAS AIRWAYS CORPORATION

Offices Air Booking Centre Taj Mahal Hotel, Bombay, Speedbird House, Service Road, Connaught Place, New Delhi, 41, Chowringhee Road, Calcutta 16, 35/4, Mount Road, Madras

COMET*

1 LONDON—ROME—CAIRO—BAHRAIN—KARACHI—DELHI—CALCUTTA—RANGOON—BANGKOK—TOKYO
Frequency *Sundays and Wednesdays*

2 LONDON—ROME—BAHRAIN—KARACHI—CALCUTTA—RANGOON—BANGKOK—SINGAPORE
Frequency *Mondays and Tuesdays*

3 LONDON—ROME—BEIRUT—BAHRAIN—KARACHI—BOMBAY—COLOMBO
Frequency *Thursdays and Fridays*

CONSTELLATION

4 LONDON—ZURICH—BEIRUT—KARACHI—CALCUTTA—SINGAPORE—DJAKARTA—DARWIN—SYDNEY
Frequency *Three services through Calcutta on Mondays, Wednesdays and Fridays in the eastbound direction and Sundays, Wednesdays and Fridays in the westbound direction*

ARGONAUT

5 LONDON—ZURICH—ROME—CAIRO—BASRA—KARACHI—DELHI—CALCUTTA—RANGOON—BANGKOK—HONGKONG—TOKYO
Frequency *One service through Delhi on Tuesdays in both directions and through Calcutta on Tuesdays and Mondays in the eastbound and westbound directions respectively*

6 LONDON—FRANKFURT—ROME—NICOSIA—DAMASCUS—BASRA—KARACHI—BOMBAY—COLOMBO—SINGAPORE—HONGKONG
Frequency *Tourist service—Wednesdays*

7 LONDON—DUSSELDORF—ROME—BEIRUT—BAGHDAD—BAHREIN—KARACHI—DELHI—CALCUTTA—DACCA
Frequency *One Tourist service—Saturdays in the westbound direction*

YORK (FREIGHTER)

8 LONDON—TRIPOLI—CAIRO—BAHREIN—KARACHI—DELHI—CALCUTTA—BANGKOK—SINGAPORE
Frequency *One service on Saturdays in the eastbound direction and Thursdays and Wednesdays in the westbound direction respectively*

INDIAN AIRLINES CORPORATION

New Delhi
(Government of India)

Line 1

CALCUTTA —15, Ganesh Chandra Avenue
BOMBAY —Airlines Hotel, Churchgate Reclamation
MADRAS —Hotel Connemara Annexe, 163, Mount Road

The following services are being operated

1 CALCUTTA—BANGALORE—CALCUTTA
Frequency *Daily*

2 CALCUTTA—DACCA—CALCUTTA
Frequency *Daily*

3 CALCUTTA—GAUHATI—DIBRUGARH
Frequency *Daily*

4 CALCUTTA—BAGDOGRA—CALCUTTA
Frequency *Daily*

5 CALCUTTA—NAGPUR—BOMBAY
Frequency *Tuesdays, Wednesdays, Thursdays and Fridays*

Line 2

CALCUTTA —4, Chittaranjan Avenue
DELHI —Malhotra Buildings, Queensway

The following Services are being operated

1 CALCUTTA—BANGKOK—SINGAPORE—DJAKARTA
Frequency *Ex Calcutta—Thursdays*
Ex Djakarta—Saturdays

2 CALCUTTA—CHITTAGONG—CALCUTTA
Frequency *Daily*

Line 3

CALCUTTA —9 A, Esplanade East

CALCUTTA—AGARTALA—CALCUTTA
(Freighter Service only)

Line 4

CALCUTTA —4 D, Dalhousie Square
NEW DELHI —Malhotra Building, Queensway
SRINAGAR —Residency Road
PATNA —Sir Ali Road
AMRITSAR —Brij Bhawan, Gandhi Gate

The following Services are being operated

1 DELHI—CALCUTTA—DELHI
Frequency *Daily twice*

2 DELHI—KARACHI—DELHI
Frequency *Daily*

3 CALCUTTA—RANGOON—CALCUTTA
Frequency *Viking—Every day except Saturdays*
Dakota—Saturdays

4 DELHI—LAHORE—DELHI
Frequency *Tuesdays, Thursdays, Saturdays and Sundays*

5 DELHI—SRINAGAR—DELHI
Frequency *Dakota—Daily*

6 SRINAGAR—PATHANKOT—SRINAGAR
Frequency *Daily*

7 CALCUTTA—PATNA—KATHMANDU
Frequency *Dakota—Sundays, Mondays, Wednesdays, Thursdays and Fridays*

8 KATHMANDU—PATNA—KATHMANDU
Frequency *Dakota—Sundays, Mondays, Wednesdays, Thursdays and Fridays*

9 DELHI—AMRITSAR—LAHORE—KABUL—KANDHAR
Frequency *Dakota—Wednesdays*

* At the time of writing (February 1954) Comets were undergoing modification.

Line 5

BOMBAY —Air Lines Hotel, Churchgate Reclamation
CALCUTTA —15, Ganesh Chandra Avenue
MADRAS —Connemara Hotel, Mount Road
NEW DELHI Malhotra Building, Queensway
POONA —10, Sassoon Road
HYDERABAD —Bashir Bagh Road
BANGALORE —20 South Parade

The following Services are being operated

1 MADRAS—DELHI—MADRAS
Frequency *Dakota—Daily*

2 HYDERABAD—POONA—BOMBAY
Frequency *Dakota—Daily*

3 BANGALORE—HYDERABAD—BANGALORE
Frequency *Dakota—Daily*

Line 6

BOMBAY —New India Assurance Building Mahatma Gandhi Road Fort
CALCUTTA —Great Eastern Hotel
MADRAS —Khaleeli Mansions Mount Road
NEW DELHI —Malhotra Building Queensway
TRIVANDRUM —Main Road

The following Services are being operated

1 BOMBAY—KARACHI—BOMBAY
Frequency *Viking (Non stop) Sundays, Wednesdays, Thursdays, Fridays and Saturdays*
Dakota—Daily

2 BOMBAY DELHI—BOMBAY
Frequency *Viking (Non stop)—Daily twice*

3 BOMBAY—CALCUTTA—BOMBAY
Frequency *Viking (Non stop)—Daily*

4 BOMBAY—COLOMBO—BOMBAY
Frequency *Dakota—Daily*

5 MADRAS—TRIVANDRUM—MADRAS
Frequency *Dakota Daily*

Line 7

BOMBAY - Scindia House Ballard Estate
BHAVNAGAR — Diwanpura
RAJKOT —Tribhan Villa Race Course Road
JAMNAGAR —Indra Mahal Bhid Bhanjan Road
PORBANDAR —Bunder Road
BELGAUM —Toa Ltd Green s Hotel
MANGALORE — Sri Rang Bhavan K S Rao Road
COCHIN —Ernakulam

The following Services are being operated

1 BOMBAY - BHAVNAGAR—RAJKOT
Frequency *Mondays, Tuesdays, Thursdays Fridays Saturdays and Sundays*

2 BOMBAY —KESHOD PORBANDAR—JAMNAGAR—BHUJ
Frequency *Mondays Wednesdays, Thursdays, Fridays and Saturdays*

3 BOMBAY—BELGAUM—MANGALORE COCHIN
Frequency *Tuesdays Wednesdays Fridays, Saturdays and Sundays*

IRANIAN AIRWAYS

Offices 15 Peermohamad Manzil, 58, Colaba, Bombay

BOMBAY TO TEHERAN
Frequency *Fridays*

ORIENT AIRWAYS LTD

Offices Orient House, Karachi Air Port
NEW DELHI -Metro Hotel

KARACHI—DELHI DACCA-CALCUTTA -DELHI—KARACHI KARACHI—DELHI—DACCA and return DACCA—DELHI—LAHORE and return DACCA—CALCUTTA and return CALCUTTA—CHITTAGONG and return

1 KARACHI—DELHI—CALCUTTA—DACCA—DELHI—KARACHI—(CONVAIR)

Frequency *East Bound Mondays, Tuesdays, Thursdays and Fridays*
West Bound Tuesdays, Wednesdays, Fridays and Saturdays

2 KARACHI—LAHORE—DELHI—DACCA—DELHI—KARACHI—LAHORE (CONVAIR)

Frequency *East Bound Sundays*
West Bound Mondays

3 DACCA—CALCUTTA—DACCA—(DC 3)

Frequency *Daily*

4 CALCUTTA—CHITTAGONG—CALCUTTA (DC-3)
Frequency *Daily*

QUANTAS EMPIRE AIRWAYS

B O A C Air Booking Centre Taj Mahal Hotel, Apollo Bunder, Bombay

Quantas operates services from Christchurch in New Zealand to London *via* Bombay The services are operated in conjunction with B O A C and T E A L

PAN AMERICAN WORLD AIRWAYS SYSTEM

42, Chowringhee Road, Calcutta 16
Imperial Hotel New Delhi
Taj Mahal Hotel Bombay
Connemara Hotel Madras

NEW YORK—SAN FRANCISCO *via* LONDON—PARIS—ROME —KARACHI—DELHI—CALCUTTA—TOKYO—HONOLULU

PHILIPPINE AIR LINES, INC

Great Eastern Hotel, Calcutta 1
MANILA—LONDON *via* CALCUTTA

Frequency *East Bound Mondays, Thursdays*
West Bound Saturdays, Wednesdays

ROYAL DUTCH AIRLINES (K L M)

7, Chowringhee Road, Calcutta 13 Indu House Dougall Road, Ballard Estate, Bombay 1, Malhotra Bldg, Queensway New Delhi, Hotel Connemara Annexe, Mount Road, Madras 2

KLM operates three services a week in either direction through India These services touch only Calcutta

1 AMSTERDAM—DUSSELDORF—ROME —CAIRO—KARACHI —CALCUTTA BANGKOK SINGAPORE-DJAKARTA (with connections at Bangkok for Tokyo)

2 AMSTERDAM —CAIRO—BASRA—KARACHI—CALCUTTA—BANGKOK—SINGAPORE—DJAKARTA

3 AMSTERDAM—GENEVA —ROME—BEIRUT —BAGHDAD—KARACHI—CALCUTTA—BANGKOK —S I N G A P O R E — DJAKARTA (with connections at Bangkok for Tokyo)

SCANDINAVIAN AIRLINES SYSTEM

Agents United Liner Agencies of India, Ltd
Mookerjee House, 17, Brabourne Road Calcutta, Kaiser I Hind Building, Ballard Estate, Bombay 1 Second Line Beach, Madras 1

The Company operates one route that passes through India
STOCKHOLM—COPENHAGEN—FRANKFURT—ZURICH—ROME —LYDDA — KARACHI—CALCUTTA—BANGKOK—TOKYO

Frequency *Thursdays and Sundays*

TRANS WORLD AIRLINES

Offices Adelphi, 3, Queen's Road, Bombay

BOMBAY—ROME—LONDON—NEW YORK

There is a service from Bombay to New York on Mondays, Wednesdays and Fridays In the opposite direction a plane arrives in Bombay from New York on Sundays, Tuesdays and Thursdays

ELECTRIC POWER DEVELOPMENT

THE aggregate generating capacity of the country has grown as follows (kWt) —

1900	1,130
1905	11,750
1910	31,847
1915	57,286
1920	130,009
1925	327,152
1930	598,140
1935	900,402
1940	1,208,422
1945	1,319,316
1950	1 712,515
1952	2,041,700

The total installed capacity at the end of 1952 was 2,041,700 kWt, of which a little over half a million kWt is water power

The *per capita* consumption of electric power in India is ridiculously low It is 9 2 kWt hours as against 986 in England, 1 470 in U S A, 3 518 in Canada 1,944 in Switzerland, 3,099 in Norway and 2,000 in Sweden

The production and sale of electric power from 1948 to 1952 was as follows (in million kWt)

	Generated	Sold
1948	4,600	3,700
1949	4 900	4 000
1950	5,100	4,200
1951	5,900	4,800
1952	6,200	5,000

An analysis of electric power consumption in million kWt is given below The figure in brackets shows the percentage

	1951	1952
Industrial power	3,050(64 0)	3,240(64 4)
Domestic consumption	580(12 2)	610(12 0)
Tramways and electric railways	330(6 9)	320(6 4)
Commercial light and small power	330(6 9)	350(6 9)
Public waterworks and sewage pumping	210(4 5)	230(4 6)
Irrigation and agricultural de watering	200(4 1)	210(4 3)
Street lighting	70(1 4)	70(1 4)
TOTAL	4 800	5,000

INSTALLED CAPACITY

The installed capacity in 1950 according to source is as follows (kWt)

Steam plants (1,004,434), oil gas plants (148,796), hydro plants (550,285)

Some individual industries have power-stations of their own The numbers of installations and the installed capacity are as follows

	No	Capacity (kWt)
Iron and Steel	32	179 006
Cotton	152	96,320
Wool	5	3 233
Cement (primary)	17	93 655
Cement (secondary)	2	1 100
Collieries	114	66,755
Jute	32	44,763
Railways	101	44,308
Paper	14	37,750
Sugar	104	33,769
Aluminium (primary)	2	16,434
Ordnance factories	11	15 777
Copper (primary)	1	9 875
TOTAL	587	642 745

The number of installations and generating capacity for 1950 by ownership is as follows

	No	Capacity (kWt)
Government	201	609 953
Municipalities	19	17 402
Private companies	258	1 085,160
TOTAL	478	1 712,515

The number of installations in Jan 1953 was a little over 610 (exclusive of railway, military stations)

The following statement shows the number of electrified towns and villages at the end of 1950

Population	Number of towns	Number with electric supply	Percentage of towns with electric supply to total
Over 100,000	49	49	100 00
50,000 to 100,000	88	88	100 00
20,000 to 50,000	277	240	86 64
10,000 to 20,000	607	260	42 83
5,000 to 10,000	2,367	258	10 86
Below 5,000	559,062	2,792	0 50
TOTAL	562,450	3,687	0 66

It may be pointed out that six large cities—Bombay Calcutta, Ahmedabad Kanpur, Madras and Delhi account for 59 per cent of the country s installed capacity and 56 per cent of the generated energy

The total number of consumers at the end of 1950 was 240,052

The State-wise analyses as on Jan 1, 1952 are as follows

State	No of stations	Installed capacity (kWt)	Energy generated (mln kWt)	Energy sold (mln kWt)	Capacity in Industrial Plants (kWt)	Capacity in railway plants (kWt)	Annual *per capita* consumption (kWt)
Assam	9	3,343	6 600	5 595	1,570	1 866	0 55
Bihar	19	46,996	132 032	118 593	214,703	9 559	2 87
Bombay	121	441,133	1831 330	1580 273	56 224	44 701	38 15
Madras	24	189,093	775 867	605 509	12 200	3,524	8 76
Madhya Pradesh	32	52,139	81 311	84 055	35 478	168	2 46
Orissa	17	4,845	6 811	5 125	5,422	36	0 29
Punjab	26	63,917	201 140	166 048	5,246	383	—
Uttar Pradesh	50	199,896	589 772	457 939	21 946	6,717	6 00
West Bengal	31	546,174	1207 274	1034 137	141,960	14,448	36 22
Kashmir	4	6,479	25 514	17 375	—	—	3 93
Hyderabad	8	26,234	50 959	43 185	24 189	40	2 14
Madhya Bharat	26	16,362	30 909	24 099	25 190	80	2 89
PEPSU	10	6,896	6 043	10 767	2,774	85	2 26
Rajasthan	30	27,928	57 716	42 244	1 246	100	2 18
Saurashtra	23	22,401	43 681	37 525	19,859	17	5 20
Travancore Cochin	3	33,186	153 834	156 886	564	—	10 93
Mysore	9	107,200	525 343	372 508	2,980	—	34 27
Delhi	4	42,586	137 281	119 446	8,160	—	58 75
Others	21	8,284	14 977	12 046	2,838	2,150	1 22

FIVE-YEAR PLAN

There are a little over 100 power projects in the Five Year Plan

The total cost of these will be about Rs. 782 5 crores

The proposed expenditure during the Plan period will be about Rs 511 8 crores

The expenditure during 1954-55 will be Rs 107 crores, and during 1955-56, Rs 78 crores

The addition to the installed capacity at the end of the Plan will be 1 07 million kWt

The ultimate addition will be 1 96 million kWt

The consumption of electricity in 1955-56 is expected to be of the following order (in million kWt) (See next column)

Industrial 860, Domestic light and power 860, Commercial light and power 430, Industrial 4,100, Irrigation 332, Other purposes 752

Total 6,474

The three most important power projects now under construction are

The Nangal power house, the power stations on the Damodar, and the Power House No 1 on the Hirakud

POWER PROJECTS

Statistical information about some of the major power projects under the Central Government are given below (power in thousand kilowatts)

Name	Date of completion	Installed capacity	Firm power	Anticipated load
Nangal Power House	1956-57	144	105	98
Damodar				
Bokaro thermal	1952-53	150	—	—
Maithon	1955-56	40	—	—
Konar	—	40	—	—
Panchet Hill	1957-58	40	—	—
Tilaiya	1952-53	4	—	—
Damodar (total)	—	274	193	189
Hirakud				
Power House No 1	1957-58	123	85	85

Statistical information about power projects in States is given below The expenditure is in lakhs of rupees, and the power in thousand kilowatts

State	Total cost	Plan expenditure	Installed capacity	Firm power	Anticipated load
	Rs	Rs			
Assam	85	83	7	7	4
Bihar	11,20	7,09	11	9	29
Bombay	14,12	10,43	84	359	417
Madhya Pradesh	13,89	6,00	73	54	58
Madras	77,73	50,24	307	324	242
Orissa	8,74	3,91	8	5	23
Punjab	59	38	—	—	—
Uttar Pradesh	29,30	14,10	124	169	162
W Bengal	1,33	76	4	2	24
Hyderabad	5,81	3,21	53	45	33
Kashmir	1,86	1,05	7	10	9
Madhya Bharat	2,74	2,28	18	18	18
Mysore	20,27	12,68	120	176	282
PEPSU	2,00	30	—	—	—
Rajasthan	53	41	11	16	15
Saurashtra	2 62	2,13	12	9	8
Travancore Cochin	17,70	10,35	81	66	85
Bhopal	28	28	—	—	—
Coorg	25	25	—	—	—
Kutch	23	23	—	—	—
Tripura	7	7	—	—	—
Vindhya Pradesh	51	51	3	3	2
Himachal Pradesh	13	13	1	1	1
Manipur	12	12	—	—	—

There are also projects which are under different stages of investigation These include Kosi (Nepal and Bihar), Tikarpara and Niraj (Orissa), Narmada, Tapti and Sabarmati (Bombay and Madhya Pradesh), Indravati (Bastar), Sone, Rihand and Nayar (U P), Chambal (Rajasthan and Madhya Bharat), Dihang, Manas and Barauli (Assam)

The total power generation on these projects may be 10 million kilowatts

The schemes under execution may be expected to be in commission during the next quinquennial period and a large portion of the schemes now under consideration may be completed in the next ten years

The Central Government have enacted legislation, The Electricity (Supply) Act, 1948, with a view to bringing about proper rationalisation of the industry and to assist in the rapid electrification of the country

The Act provides for the formation of Provincial Electricity Boards in the States which will take control of generation of electricity by all the licensees

Madhya Pradesh and Delhi have set up such *Boards*

It also provides for the creation of a Central Electricity Authority for exercising a close scrutiny of the work of the Provincial Boards and to advise them on all major power development schemes that may be taken up by the Boards from time to time

This body was set up in 1950

It is required to evolve a sound national policy, and co-ordinate the activities of the appropriate planning agencies

It is to act as arbitrator in disputes between a State Government or a State Electricity Board and the licensees

It has to carry out investigations and collect data about all sides of production and distribution of power

The State Electricity Boards are required to rationalize supply and distribution, prepare and carry out new schemes, acquire existing stations and equipment, give bulk supplies of power to existing licensees, designate wherever necessary existing stations as controlled stations and direct licensees to achieve the maximum economy and efficiency in the operation of their undertakings

BOMBAY

The greatest hydro-electric undertakings in the country are the three schemes developed and brought into operation by Tata Sons, Ltd, and continued under their management until 1929, when they were transferred to the management of the Tata Hydro-Electric Agencies, Ltd, in which Messrs. Tata Sons retained a substantial interest. These undertakings are :—

(a) The Tata Hydro-Electric Power Supply Company, Ltd Supply started in 1915.

(b) The Andhra Valley Power Supply Company, Ltd. Supply started in 1922.

(c) The Tata Power Company, Ltd. Supply started in 1927.

These three Hydro-Electric stations together with the Chola Steam Station of the Central Railway supply a demand of nearly 285,000 kW in and around Bombay up to as far south as Poona

Khopoli—The hydraulic works of the Tata Hydro-Electric Power Supply Company are situated near Lonavla at the top of the Bhor Ghat. The monsoon rainfall is stored in three lakes, namely Lonavla, Walwan and Shirawta, from which it is conveyed in open masonry canals to the Forebay at Khandala and thence through steel pipes to the Power House at Khopoli at the foot of the Ghats, where the head at turbine nozzles is 1,725 feet or approximately 750 lb per sq inch The capacity of the Power Station at Khopoli is 65,000 kW

This scheme was formally opened by the Governor of Bombay on the 8th of February 1915

Bhivpuri—Investigations in 1917-18 led to the discovery of a site on the Andhra River just to the north of the Tata Hydro-Electric Supply Company's lakes, where additional power could be developed

These investigations resulted in the formation of the Andhra Valley Power Supply Co and the construction of the schemes, the principal features of which consist of a reservoir formed by a dam about 190 feet high, across the Andhra River and a tunnel 8,700 feet long driven through solid trap rock to the scarp of the Ghats, from which the water is taken in steel pipes 4,600 feet long to the turbines in the generating station at Bhivpuri The head of water at turbine nozzles is 1,740 feet or approximately 750 lb per sq inch

The electrical energy is transmitted to Bombay over a transmission line 56 miles long for augmenting the supply from Khopoli

The present capacity of this station is 69,000 kW

Bhira—The Tata Power Company's scheme on the Nila Mula River to the south-east of Bombay was investigated and developed along lines similar to the Andhra Valley scheme and has an installed capacity of 132,000 kW

The power is transmitted to Bombay over a transmission line 76 miles long and is used to augment the supply of the two earlier companies to mills, factories and railways

The Tata Hydro-Electric System, comprising the Tata Hydro-Electric Power Supply Company, the Andhra Valley Power Supply Company and the Tata Power Company, is operated as an integrated electric power system serving an area in the State of Bombay of more than 1,000 square miles

It is the largest power system in the country having a fixed capital expenditure in excess of Rs 16 crores and an annual output representing more than one fourth of the total electricity production

Electric service is rendered to the textile mills and other industries of Bombay and the suburban areas, to the railways for electric traction, to local authorities, and, in bulk for retail distribution, to the electrical undertakings supplying Greater Bombay, Poona and ten other localities within the area.

During the year 1952 53, the three hydro-stations and the railway thermal power station, which is connected to the system, together generated 1,486 million units of electric energy

The transmission network of the system consists of 496 circuit miles of 100,000-volt lines and the distribution network of 106 circuit miles of 22,000-volt overhead as well as 101 miles of 22,000-volt and 116 miles of 6,600-volt underground cables

Substantial additions to the transmission and distribution network are expected to be made during the next few years

The interconnected transmission lines of the Railway add another 272 circuit miles to form the combined Tata Hydro-Railway Grid.

The rate for energy delivered to the Mills, Factories and Railways has, for several years shown a steady decrease and now averages 0 42 of an anna per unit, which compares favourably with that in any large commercial centre in the world

The rates were increased by 12½ per cent for the first time in the history of the companies on account of all-round increasing costs

The load development in the area served by the Tata Hydro Electric System has exceeded the available capacity The available power is distributed to the existing consumers by staggering of working days of the various industries

By continuing to utilise the load staggering periods for essential machine maintenance and overhaul the system capability by mid 1954, not including the Bombay Government Plant, will just be equal to the then expected demand of about 289 MW

Any load which can from now on be supplied is only that which can be taken up by the Bombay Government Plant now being commissioned into service

Further development will have to await the Tatas Thermal Plant which is expected to go in service by 1957 and the supply from Koyna scheme which was inaugurated on January 16, 1954

Grid Schemes

For the development of industries and agriculture in the State of Bombay, the Bombay Government has embarked on the provision of an electrical grid scheme somewhat on the lines of the British Grid It is at present proposed to develop grid schemes area wise in the different parts of the State which may be interconnected at a later stage

In the State of Bombay, there are at present 123 licensees in operation Most of the licensees operate in urban areas Besides, there are 22 power stations owned and operated by the Bombay Government including those of the merged States

The development programme under execution at present consists of (1) North Gujarat Grid Scheme, (2) South Gujarat Grid Scheme, (3) the Jog-Karnatak Electric Grid Scheme, (4) Extension of the Chola Power Station of the Central Railway, (5) the Radhanagari Hydro-Electric Scheme, (6) Rural Electrification and Small Towns Schemes based on small Diesel stations or distribution of power purchased from the existing licensees

Besides this, the Department is entrusted with the work of operation and maintenance of power houses in merged States which were owned and operated by the various former Indian States

Co-ordinated Development

The former Government of Baroda was persuaded to abandon the scheme of establishment of steam station and to take power in bulk at Baroda, Petlad, Kalol, Navsari and Billimora from the Grid schemes for distribution within the State territory

Negotiations were conducted with the Western Railway for the use of a common power system on a co operative basis by the Railway for meeting its power requirements for traction purposes between Ahmedabad and Bombay and by the Bombay Government for supplying electric service to urban and rural population residing within the economic distance of the various sub-stations *en route*

When the Railway electrification scheme is decided on, it will be necessary further to develop more power at the generating stations in North Gujarat and South Gujarat areas and also the transmission systems

Negotiations were also conducted with the Central Railway for the use of a common power system in the Nasik and Khandesh areas However, due to financial stringency, the proposal for joint development in these areas has been dropped for the time being.

North Gujarat Scheme

Under this scheme power is being purchased in bulk from the power station of the Ahmedabad Electricity Company at Sabarmati and distributed to various load centres in the North Gujarat Area

The scheme when completed will comprise about 70 miles of 66/110 kV line, 14 miles of 33 kV and 50 miles of 11 kV transmission lines and about 480 miles of distribution lines a receiving station at Sabarmati and 66/11 kV step-down transforming stations at Baroda, Nadiad, Anand, Barejadi and Petlad and 33/11 kV sub stations at Kalol and many 11 kV/400 230 Volts sub stations in various towns and villages to be served

The Ahmedabad Electricity Company have constructed a new power station known as B station consisting of four 15,000 kW steam turbo sets negotiated by the Government with the Company in the year 1944 45

In order to meet the ever growing requirements of power, the Government have negotiated with the Company for the establishment of a further new power station known as 'C station, initially consisting of three 15 000 kW sets orders for which have already been placed by the Company and the first set of which was expected to be in Commission early in 1954

The ultimate capacity of this C" station is estimated to be 120,000 kW

The 66/110 kV transmission line between Ahmedabad and Baroda and 33 kV line between Ahmedabad and Kalol have been energised and supply commenced to Baroda, Nadiad, Anand, Dakor Umreth, Petlad, Vallabh Vidya Nagar and Kalol licensees as well as to several industries

The work of erecting 11 kV lines in rural areas and the laying of distribution lines in the villages is in progress Supply has already commenced in several villages and is being gradually extended to other villages

This scheme is estimated to cost approximately Rs 268 lakhs

The system demand established upto the end of 1953 was over 14,000 kW and the number of consumers served nearly 2,500

South Gujarat Scheme

This scheme provides for the installation of a steam power station at Utran near Surat, initially comprising two turbo alternator sets of 7,500 kW each for supply of power in areas from Surat to Bulsar, and the construction of a 66 kV transmission line over a distance of about 33 miles from Surat to Billimora

Supply under this scheme is already commenced and bulk power is at present being given to the Surat licensee as from November, 1952

Power in bulk will now be supplied to the licensees and large industries at Navsari, Billimora, Bulsar, Rander and Kathor and to the rural loads in the areas between Surat and Bulsar as soon as the 66 KV transmission system and further distribution lines are completed

Additional demands for power continue to be received and one more 7 500 kW set with boilers and equipment is already about to be erected

Provision of further capacity is under consideration

The system demand upto end of 1953 was 4 300 kW

The scheme inclusive of the third 7,500 kW is expected to cost Rs 386 lakhs

Other Schemes

For the isolated towns and rural areas which are beyond the economic reach of the major Grid schemes but offer good scope for development of cottage and small scale industries and agricultural pumping, Government have established small diesel stations or arranged to purchase power in bulk from the existing power stations of nearby licensees.

These small schemes are known as 'Nursery Schemes

The criteria adopted for selection of places for nursery development are that there should be (*a*) about 2,000 dwelling houses and (*b*) a reasonable magnitude of load of small scale and cottage industries and (or) agricultural pumping which could be operated by electricity so as to increase the productive and earning capacities of people in such areas

A list of towns covered under the Nursery Scheme is given below —

Division	District	Towns covered	Remarks
Northern	Surat	Ten villages in Bulsar Taluka	Supply has already commenced power in bulk is purchased from Bulsar licensee These villages will be later supplied from the South Gujarat Grid Scheme
Northern	Ahmedabad	1) Dholka 2) Dhanduka	Schemes are postponed due to financial strin gency
	East Khandesh	Dharangaon Erandol and Parola	Supply from the diesel power station is expected to commence in the first quarter of 1954
	Sholapur	Akluj	Scheme is postponed due to financial stringency
Central	Poona	Lonavla Talegaon area	Scheme is postponed due to financial stringency Power will be purchased from Tatas
	Satara (North)	21 villages in Satara Taluka	Power in bulk is purchased from Satara licensee Supply has already commenced
	Satara (South)	Islampur Peth	Supply from the diesel power station has been commenced
	Belgaum	Hukeri, Gokak, Chi kodi, Konnur and Sankeshwar	Supply from the diesel power station has already commenced
	Belgaum	Bailhongal	Supply from the deisel power station is expected to commence in 1954 55
Southern	Bijapur	Guledgud, Kamatigi	Supply from the diesel power station has been commenced
	Bijapur	Ilkal Hungund Amin gad, Gudur and Sulebhavi	Supply from the diesel power station is expected to commence in 1954 55
	Dharwar	Gajendragad	Scheme is postponed due to financial stringency
	Ratnagiri	1) Ratnagiri 2) Vengurla 3) Chiplun 4) Malwan	The supply from all the four diesel power stations has already commenced

None of the schemes mentioned above can at present supply any large industrial load, but with the new Surat Steam Station it will be possible to supply power for industrial use under the Bulsar Taluka Electrification Scheme

Jog Power —The Mysore Government has to supply the Bombay Government with electric power upto 10 000 kW at Jog and 1 500 kW at Harihar This power will be distributed in the Dandeli, Dharwar, Hubli and Gadag areas as well as in Byadgi Haveri and Ranibennur

The supply to the Harihar Haveri section was expected to commence at the beginning of 1954 and the Jog Hubli section by the end of 1954

The scheme is estimated to cost Rs 213 lakhs

Koyna Project —The first stage of development of the revised project as at present approved by Government now comprising storage of 36 045 m c ft of water behind the dam of 204 5 feet height above the river bed at Jalkawadi, sufficient to produce 240 000 kW of power

The estimated cost of the dam tunnel neces sary generating plant and transmission and transformation equipment for the first stage development is expected to be approximately Rs 33 crores

The foundation stone of this scheme was laid on January 16, 1954

Initial supply of power from this Scheme is expected to be commenced six working seasons after the funds are alloted for the commence ment of the work

Kalinadi Project —The final report indicates that 325,000 kW continuous is available in the Kalinadi Basin, distributed in four power stations Initially the development of one power station at Supa capable of supplying about 50 000 kW to the districts of Dharwar Kanara, Belgaum and Bijapur is due for examination

Bhatgar Hydro-Electric Project —A demand of about 10 000 kW can be met from this source provided the power station is linked up either with Koyna when and if developed or Tata system at Poona

Bhandardara-Randha Electric Scheme —A demand of 16 800 kW can be met from this source In addition to this, a further 10 000 kW can be obtained during the monsoon This power can be firmed up by the establishment of a steam station of the installed capacity of 15,000 kW in this area

Narbada River Project - The Central Water Power, Irrigation and Navigation Com mission are investigating the possibilities of power development by impounding the waters of the Narbada River in Gujarat It is reported that at one of the Dam sites at Limbdi, 200,000 kW continuous power can be generated This power when available will be utilised in Gujarat in place of the present thermal power

Tapi (Tapti) Project.—Under this project which was initially intended to be an irrigation scheme only it is now proposed to also develop Hydel power with initial installed capacity of 24,000 kW the ultimate capacity being 216 000 kW The work is being carried out by the Central Water power Irrigation and Navigation Commission on behalf of the Bombay Government The Tapti Hydel power when available will supply the power requirements of the South and the North Gujarat Electric Grid Schemes

At present only the irrigation part of the project is being proceeded with because of financial stringency Total cost Rs 6 crores

Radhanagari.— *The Radhanagari scheme is a* multi purpose project for irrigation, power generation and water supply and comprises construction of a dam, about 140 feet high above the deepest foundation across the Bhogavati River, about 32 miles from Kolhapur, and a power station with an installed capacity of 4,800 kW at Radhanagari in Kolhapur District

The R H E Scheme is expected to cost about Rs 246 lakhs

Hydro Electric Supply to Kolhapur City was commenced from August 1952 and to Jaysingpur licensee from March 1953

Besides the R H E Project, the following work of the former Kolhapur State is under execution by the Grid Department

(*i*) The Emergency Irrigation Diesel Power Station for supplying power for irrigation and industries This power station is now inter-connected with the Radhanagari Hydro Electric Power House

(*ii*) Conversion of D C to A C in the area taken over from the Kolhapur licensee

The interconnected system besides supplying power to Kolhapur City which is partly served by Government and partly by the Kolhapur Electric Supply, will supply power to the agri-cultural pumps along Bhogawati and Pancha-ganga rivers and to the licensees of Kolhapur, Ichhalkaranji Jaysingpur and Hupri

Chola Steam Station —In order to relieve the acute power shortage existing in the Bombay-Poona area since 1949 it was decided in con-sultation with the Railway Board to extend the Railways power station at Chola by an additional installed capacity of 54 000 kW

The scheme is expected to cost about Rs 4 crores and will be operated as a part of the Tata Central Railway Interconnected System

The supply was expected to commence in the beginning of 1954

In order that the Bombay Poona area does not suffer from any further shortages of power till the large bulk supply from hydro power from the proposed Koyna Project becomes available Government have granted a license to Tatas for setting up a steam thermal station of 100 000 kW capacity at Trombay with an initial capacity of about 50,000 kW

MYSORE

The first Hydro Electric scheme of any magni tude undertaken in the country or indeed in the East was that on the Cavery River in Mysore State which with its generating station, transmission line and distributing system was inaugurated in 1902

Sivasamudram —The principal object of this scheme was the supply of power to the mining companies on the Kolar Gold Fields about 92 miles from Sivasamundram, the site of the generating station

Since 1902 the supply of electrical energy from Sivasamundram has been provided for Bangalore and Mysore Cities and over 225 other towns and villages in the State

The initial undertaking has constantly been expanded and its total normal capacity now stands at 83 000 H P

The first stage of the Project with an installed capacity of 48,000 kW was put into service with four units of 12,000 kW each on February 21, 1948

The cost of this stage and that of all the civil engineering works for the second stage amounts to Rs 16 crores

The work on the second stage is in progress now and with its completion the total capacity of the station would be 20,000 kW It consists of four more generator units of 18,000 kW each This work is estimated to cost Rs 2 65 crores

The Jog Power plant supplies energy to the north and north eastern parts of the State up to Mysore and Mandya, along Chickmagalur, Hassan, Holenarsipur and Belgola It supplies power to Anantpur, Cudappah and Kurnool Districts of Andhra State

To the Tungabhadra project, a block power of 2,000 kW is being supplied

The State of Bombay receives upto 10,000 kW at the station itself and 1,500 kW at Harihar border

To South Canara in Madras State, this plant supplies 6,000 kW and another 2,000 kW is being supplied to Coorg

At present Mysore supplies electricity to over 500 towns and villages and to over 5 000 irrigation pumping units within the State limits

The transmission system consists of over 900 route miles of 78,000 and 37,500 volt lines with a total of 1,350 miles of circuits

With the construction of the new transmission lines and on the generation of power at Jog, over 600 miles of 110 kV new transmission lines will be in service

TRAVANCORE-COCHIN

Pallivasal The Pallivasal Hydro Electric Scheme was sanctioned by the Government in 1931 and the work was taken up immediately afterwards The first stage of development was completed by the beginning of 1940 and the supply was commenced in March 1940 The scheme utilises the water of the Mudira puzha River diverted at Munnar through a tunnel 9 ft by 8 in and 10 200 ft in length

The second stage extension works of the Pallivasal Hydro Electric Project are now in progress Two additional sets each of 7 500 kW have so far been installed thus bringing the total installed capacity of the station to 28,500 kW

With the completion of the Madupatty Dam in the upper reaches of the Mudirapuzha river, the installation of the sixth and the last 7,500 kW set and certain modification to the first three units in the power station the installed capacity of the Pallivasal power station will be raised to 37 500 kW

The total generation during 1951 was 170 million units About 77 per cent of the power generated is used for industrial purposes and the rest for agricultural and domestic needs

As a result of the negotiations with the Government of Madras it has been possible to get an extra block of 3 000 kW of power from the Papanasam System

Power up to 66 000 volts is available for transmission to plains

The primary transmission network now consists of 434 14 route miles of 66 kV lines, 26 route miles of 33 kV lines and 24 route miles of 22 kV lines and seven 66 kV sub stations

The distribution network consists of nearly 668 miles of 11 kV lines, 621 miles of 400/230 volt lines and 204 distribution centres

The connected load is over 62,200 kW with a maximum peak load of about 28 500 kW

Sengulam — Two new projects have been taken for execution The first of these, the Sengulam Hydro Electric Project envisages the utilisation of the tail water discharged from the Pallivasal Power station over a head of 1,200 feet The project is under execution and is *estimated to cost Rs 300 lakhs*

The various works connected with the project are well under way and the first unit in the Sengulam Power Station was commissioned by the beginning of 1952

The Poringalkuthu Hydro Electric Scheme will utilise the water of the Chalakudi river In the first stage of the project which is now under execution the installed capacity will be 24,000 kW comprising three sets each rated at 8,000 kW This Scheme was scheduled to be completed by the end of 1953

MADRAS*

Madras now ranks next to Bombay in its hydro-electric power output Three hydro-electric stations are now in operation Besides extensions to the existing plants, two more stations are under construction

An 'Electric Power Grid' has been in existence for over 20 years

The grid in the south where it is well formed consists at present of three hydro electric power stations, viz, those at Pykara, Mettur Papanasam and two thermal stations at Madras and Madurai

A good portion of 13 districts from Chittoor to Tinnevelly and Chingleput to Malabar is covered by the Grid In the central and northern regions of the State the grid is yet to take shape

The installed generating capacity under the Madras Grid totals 195,300 kW It has about 5,100 miles of high tension line, operating at voltages from 11,000 to 111 000, and 4,000 miles of low tension distribution lines There are 34 extra high tension sub stations of 110 kV and 66 kV and 44 of 33 and 22 kV with transformer capacity totalling 247 000 kVA and 1,766 distribution transformer stations with an aggregate capacity of 110 800 kV A

The total connected load to the Grid is 468,750 kW

A total of 1,960 towns and villages are receiving supply from the Grid

There are over 274,000 consumers of all classes 111 000 served directly by the department and 163 000 by licensees distributing Government power

The total power generated amounts to over 680 million units representing more than 99 per cent of the total power output in the State

The capital investment is over Rs 21 7 crores and the revenue about Rs 3 78 crores

Madras leads all other States in India in rural electrification with 1,960 villages electrified of which about 1,100 received supply from the Grid the rest from self generating licensees Nearly 16,700 pumps for lift irrigation and 1 800 rural industries are run on electricity with a connected load of 92 000 kW

Pykara Scheme —The scheme utilises the waters of the Pykara river which drains from the Nilgiri plateau having a catchment area of nearly 38 square miles and a fall of about 3,100 ft The flow though perennial is very irregular and often drops to values around 20 cusecs during the dry season

The estimated potential capacity of the full development is around 40,000 kW continuous

The first stage of development was commenced at the end of 1929 and was completed at the end of 1932

The present storage capacity is 1,886 m c ft

Power is transmitted to Coimbatore, which is the main receiving station and also the chief load centre by means of a 50 mile double circuit 110 kV line

The line is extended therefrom at 66 kV to Tiruppur, Erode, Udumalpet, Sembatti and Madurai

At Erode and Madurai tie is established with the *Mettur and Papanasam systems respectively*

Power is now supplied from Pykara to Calicut and Cannanore through 66 kV lines

This system has 1,722 miles of transmission lines of voltage ranging from 11,000 to 110,000 in service There are nine extra high tension sub-stations with transforming capacity of 140,680 kVA and 734 distribution transformer stations with an aggregate capacity of about 41,600 kVA

The final stage of the Pykara Project consisting of a second dam across the Pykara river to provide a storage of 2,000 m c ft a new pen stock, and two generating sets of 13,000 kW each at Pykara station is under execution

This will not only meet the power deficiencies of Mettur and Papanasam stations during periods of unfavourable water conditions but will also meet the demands arising out of the large scale industrial and agricultural developments in the southern districts in the near future

To supplement the output in the Hydro-Grid during water scarcity, an auxiliary steam station at Madurai with an initial capacity of 4 000 kW was completed and brought into operation in February 1951

Mettur Scheme —The Mettur Dam one of the largest structures of its kind in the world is 176 ft high and can impound a total of 93,500 m c ft of water

This storage is primarily for irrigation purposes but part of the water let down for irrigation is utilised to the best advantage for the generation of hydro electric power

Work on the initial installation with 3 units of 10,000 kW each was commenced in the latter part of 1935 and the station started operation in June 1937

The operating head varies from 160 ft at full reservoir level to a minimum of 60 ft The average head is 135 ft

Power is generated at 11 000 volts 50 cycles, 3 phase and stepped upto 66,000 volts for transmission to various load centres The voltage of transmission will shortly be raised to 110,000

Power is transmitted to Singarapet in the north and Erode in the south (a total mileage of 100 miles) taking off from the power station

At Erode the Mettur System is linked with Pykara network Lines are extended in the north to Vellore, Tiruvannamalai and Villupuram and in the south to Trichinopoly Tanjore and Nagapattanam

Papanasam Scheme —This is the third hydro electric scheme to be undertaken by the Madras Government The first stage of the scheme was started in 1938 and the station commenced operation in July 1944

The Tambraparni river drops about 300 ft over the picturesque Papanasam falls at the foot of the Western Ghats in Tinnevelly District

Six miles above the falls a reservoir of 5,500 m c ft is formed by constructing a masonry dam 170 ft above river bed and 800 ft long The gross head developed is 330 ft

The transmission system extends to Tuticorin, Koilpatti and Madura, and is linked with the Pykara Hydro Electric System at Madurai

Bulk power to the extent of 3,000 kW is being delivered to the Travancore Cochin Union Government at the State borders near Shencottah

The Five Year Plan (including projects for Andhra) provides for (*a*) four new power houses at Machkund, Moyar, Nellore and Madurai, (*b*) extensions to five existing power houses—Pykara, Papanasam, Madras, Vijayavada and Visakhapatnam—and (*c*) 1650 miles of new high tension line

In 1950 51 sanction was accorded to the Tungabhadra Hydro Electric Project† and a number of transmission and distribution extensions

The installed capacity on the Andhra side will be 60 000 kW, on the Hyderabad side 110,000 kW

The project was to be completed in 1953-54

All these schemes will add 200,000 kW of extra generating capacity to the Grid In other words, when the plan is completed, the existing generating capacity will have been doubled

The estimated expenditure for the five years 1951 56 is Rs 50 24 crores (includes expenditure for Andhra)

* Includes Andhra

† See below under Hyderabad

Of the schemes included in the plan, the Nellore thermal station with a generating capacity of 5 000 kW was completed and brought into operation in October 1950 The Madurai thermal station had a 4,000 kW turbo set commissioned into service in February 1951 The Papanasam power house extension was completed with the addition of the fourth 7 000 kW unit

The Moyar power house and Madras station first stage extensions were completed in 1952 53 The generating capacity of Vijayavada and Visakhapatnam thermal stations was increased by 6,000 and 3,000 kW respectively The areas will ultimately be connected to the Machkund Hydro Electric Station

WEST BENGAL AND BIHAR

The Damodar Valley Project—This is the most important development scheme serving West Bengal and Bihar jointly Of the seven multi purpose dams included in the entire Project, four form part of the First Phase Programme now under implementation (Tilaiya and Maithon on the Barakar, Panchet Hill on the Damodar, and a dam across the Konar)

The Tilaiya dam was to be ready in 1952, the Konar dam in 1953, the Maithon dam in 1954, and the Panchet Hill dam in 1955, when an irrigation barrage and 1,500 miles of canals and distributaries, of which 83 miles will be navigable, will likewise be finished

A 150,000 kW thermal power station at Bokaro included in the First Phase Programme, has come into commercial operation

The First Phase alone will provide perennial irrigation for one million acres, generate 126,000 kW hydro electricity, and control floods up to 650,000 cusecs

The extra foodgrains expected to be produced on completion of the First Phase are about 10 million maunds, yielding at present prices Rs 30 48 crores annually The estimated monetary value of the extra jute is Rs 3 60 crores per year the sale proceeds per annum of the D V C power has been calculated at Rs 4 18 crores

On the basis of prices prevailing in 1951, the revised cost estimates for the First Phase amount to Rs 76* crores

Mor Project.—The opening of the Mayurakshi canal in July 1951 marked the successful completion of an important phase in the Rs 15¼ crore Mor Project, one of the principal post war development schemes in West Bengal Besides irrigating an area of 600,000 acres, the project will provide about 4,000 kW of electric power annually The necessary plant is already installed

Kosi Project.—The most important scheme in Bihar is the Kosi Project now under investigation with the Central Waterpower, Irrigation and Navigation Commission It will be a multi-purpose project for irrigation, drainage, reclamation of water-logged areas, malaria control, fish culture and recreation facilities

The project comprises a dam, 750 feet high across the Chatra Gorge in Nepal just above the temple of Baraha Kshetra, to store about 11 million acre feet of water, a power plant at the dam site capable of generating upto 1 8 million kW of power at 50 per cent load factor, a barrage in Nepal across the Kosi to control and stabilise the river channel, and to divert its supplies into two canals, one on either bank, for irrigating about a million acres in Nepal territory, and a second barrage near the Nepal Bihar border with two canals on the left and one on the right bank for irrigating over two million acres of land in Bihar

The project is estimated to cost rupees 90 crores The execution of the scheme is expected to take about ten years

ORISSA

The unified development of Mahanadi Valley has been decided upon by the State of Orissa and is being executed through the Central Water power, Irrigation and Navigation Commission, Government of India

It comprises three units namely the Hirakud Dam Project, the Tikarpara Dam Project and the Naraj Dam Project, each with its own canal system and hydro electric power installations The three units are capable of independent development and also of forming an integrated part of the basin wide plan

Hirakud Dam Project.—This involves the construction of a dam—150 feet high and gross storage capacity of the reservoir 5 3 million acre feet—across the Mahanadi about nine miles upstream of the town of Sambalpur, gravity and lift canals on either side and two hydro-electric installations

The project will provide irrigation to 1,094,953 acres of land, generate 350 000 kW and will also provide navigation facilities

The whole scheme is estimated to cost rupees 92 crores and will earn an annual return of 4 29 per cent on the sum at charge

The proposed expenditure under the Five Year Plan is Rs 61 crores

The Hirakud Dam is now under construction It is expected that water for irrigation will begin to flow in 1956

Machkund Scheme—The construction of the Machkund Hydro-Electric Scheme has been undertaken jointly by the States of Orissa and Andhra

The Scheme will harness the Duduma water falls on the Machkund river which forms the boundary between Orissa and Andhra in that stretch A gross head of 840 feet is available there and with the help of a storage reservoir, built to regulate the minimum flow, a power house of 100,000 kW can be installed

The reservoir will be created by constructing a dam at Jalaput, some 18 miles above the falls, to a height of 134 feet above the bed of the river and it will impound 25,450 million cubic feet of water to supplement the river flow during dry season

The cost of the scheme is estimated to be Rs 931 79 lakhs, shared in the ratio of 70 30 by Andhra and Orissa respectively, and the power generated will be utilised by the States in that ratio in accordance with an agreement entered into between the States (originally Madras and Orissa)

Power from the project was to be available in 1953 It is transmitted by a 132 kV line to Berhampur via Jeypore and Rayaghada and will be made available at present in Koraput and Ganjam Districts

ASSAM

Assam possesses large potentials of hydro-power It has roughly been estimated that it should be possible to generate upto four million kilowatts of continuous power in that State by developing eleven sites on different rivers These projects would involve storage by construction of high dams involving a total reservoir capacity, during monsoon, of 68 million acre feet

Most of these projects can be designed as multi purpose schemes for power generation, perennial irrigation, extension and improvement of navigation and flood control

The Government of India through the Central Waterpower, Irrigation and Navigation Commission has undertaken the investigation of two multi purpose hydro electric schemes, *viz*, the Dihang and the Manas

The site of the proposed dam and the reservoir will lie within Bhutan territory

Air survey of the site has been completed Economic statistics for 43 villages in the river basin have also been collected and land classification and soil survey for 147 villages have been made A silt laboratory has also been established

Rs 1,71,722 were spent on this work up to 1952

The State Government has established a small office for purposes of investigation of small rivers and streams for generation of electrical power for local needs

In one scheme namely the Umtru hydro-electric scheme, the work of collection of data has been completed and now the work of the detailed estimate and design of a power station of 8,000 kW is in progress

Three 2,000 kW sets are to be installed initially and a fourth to be added at a later date

The tribal areas near the foot hills of the Naga, Garo and the Lushai Hills offer possibilities for the installation of small hydro electric stations for the development of cottage industries

KASHMIR

As the country-side in Kashmir abounds in small streams and channels, it is considered more feasible to build up small power stations for electrifying suburbs than laying and maintaining long transmission lines over sparsely populated areas

The headworks of the Jhelum power installation is situated six and a half miles from the power house at Mohora and the main connection between the two is a timber flume These works and the forebay at the delivery end of the flume have a capacity for carrying water sufficient for the ultimate generation of 20,000 electrical horse-power

The power house is of sufficient capacity to allow of 15,000 kW generating plant being installed within it Two transmission lines run side by side as far as Baramulla, 21 miles from Mohora at which point one terminates The other continues to Srinagar, further 34 miles.

At present it supplies power to Srinagar, Baramulla, Sopore and other villages nearby

A new hydro electric cum irrigation scheme with the ultimate capacity of 18,000 kW by harnessing the Sindh river at Ganderbal has been taken in hand The scheme is in progress and is expected to be completed within two or three years

At Pahalgam a small hydro electric station of about 186 5 kW exists for the convenience of the visitors there

The Jammu power house employs four generating sets with a total capacity of 1,125 kW, driven by water turbines

The necessity for augmenting the power supply in the Jammu area being urgent, a steam turbine driven generating plant of 1,500 kW capacity has been installed at Miran Sahib and connected with Jammu by a 6,600 volt line

The present supply being inadequate and unreliable the Kashmir Government has been allowed to purchase from the Government of the Punjab about 1,500 kW from Jogindernagar Power Station at an estimated cost of Rs 23 8 lakhs This scheme was expected to be completed in 1953

Schemes pertaining to two hydro-electric power stations at Khirum and Udhampur are under survey

A small Hydro-Electric installation was set up at Bandipore, a town 40 miles to the north-west of Srinagar, in 1951, by utilising a small irrigation channel emanating from River Madhmati, with a head of 25 feet

Its present capacity is 30 kW, it might be supplemented by another set of 30 kW.

* Later estimate Rs 77 8 crores

The outstanding feature of this small scheme is that it has been financed entirely by the local co-operative stores and the electric light in the locality is supplied on a co-operative system

UTTAR PRADESH

Ganga Canal Hydro-Electric Grid —This system supplies power at attractive rates for domestic, industrial and agricultural purposes to 14 districts in the west of the State and to Shahdara in Delhi Seven of the ten falls available for electrification have been developed and there is a steam power stations at Chandausi and Harduaganj with an installed capacity of 19,000 kW

The Grid has in all 38,000 kW of installed capacity

A new hydro electric station at Mohammadpur with an installed capacity of 10 500 kW is under construction At Harduaganj steam station an additional power plant is also under erection which will raise the installed capacity of the station from 10,000 kW to 20,000 kW It will supply some 93 towns with current for light and fans and minor industries, energy for irrigation pumping from tube wells and open wells

The Ganga Valley State Tube well Scheme comprises about 2,300 tube wells, covering the districts of Moradabad, Bijnor, Budaun, Muzaffarnagar, Saharanpur, Meerut, Bulandshahr, Aligarh and Etah, introducing irrigation on the volumetric system over approximately one million acres hitherto without any source of irrigation

The supply of cheap power from some 2 300 sub stations is already having an important bearing on the economic disposal of crops and the development of minor industries in the urban centres and rural areas

Sarda Canal Hydro-Electric Scheme — This is one of the major schemes the Uttar Pradesh Government have in hand at present It is proposed to combine into a single drop a number of existing drops on the existing Sarda Canal between its mile 7 and mile 20 and to install a power station near Khatima about 9 miles from Banbassa, the headworks of the Sarda Canal

The power house will generate 41,400 kW out of which 23 000 kW will be firm power The cost of construction of the power station including plant, about 12 miles long tail race channel and allied works, is estimated to be Rs 7 crores approximately

This project will supply electric power to the Kumaon, Rohilkhand and Oudh divisions for domestic, agricultural and industrial purposes It will also augment the power supply of the existing Ganga Hydel Grid

Pathri Power Station Project —This will add an installed capacity of 20 400 kW, out of which 8,500 kW will be firm power, on the Ganga Hydro electric Grid by the construction of a power house on a by pass power channel at Bahadrabad on the Main Ganga Canal

The project is under construction and is expected to cost approximately Rs 2 6 crores

There are several other schemes under consideration, the more important of them being the Pipri Dam and Power Station Project estimated to cost over 29 crores of rupees—Rs 19 25 crores for dams and Rs 10 crores for transmission lines—the Yamuna Hydro-Electric Project estimated to cost rupees 21 crores, the Nayar Dam Project estimated to cost rupees 21 crores and the Ramganga Project at a cost of some 22 crores of rupees

PUNJAB

Bhakra Nangal Project.—The completion of this will turn the Punjab into a regular granary and make it a highly industrialized State The project is now under construction

The most important feature of the project is the construction of the 680 feet high Bhakra Dam on the river Sutlej, forming a reservoir with a live capacity of 5 725 million acre feet

The 90 feet Nangal Dam which is also under construction on the same river about eight miles downstream of the Bhakra Dam will provide necessary storage to smoothen out the diurnal variations in releases from Bhakra Plant and a diversion for the Nangal Hydel Canal which takes off just above this dam

The Nangal hydel canal is designed for a capacity of over 12 500 cusecs, and three power houses two of which having a head of 98 feet each are under construction on this canal

The Nangal Dam is quite complete and it is expected that the first two generating sets at Power House I would be ready in 1954 55 Thus it would be possible to commence commercial supply of electricity from this power house by the end of 1952 Power House II was also expected to be ready for commercial supply of power by the end of 1952

The firm power potential of the project works out to 400,000 kW at 100 per cent factor

This power will be utilised in the States of the Punjab, PEPSU, Himachal Pradesh, Delhi and Rajasthan

New irrigation canals of an aggregate capacity of 15,400 cusecs, i e, Bhakra main line which takes off from the Nangal canal, Bist Doab Canal which takes off at Rupar, and Sidhwan which takes off from the existing Sirhind Canal, are all under construction and will command an area of 6 5 million acres in the States of the Punjab, PEPSU, and Rajasthan, out of which 1 6 million acres is at present virgin waste land

The annual irrigation expected is 3 6 million acres which will yield 1 13 million tons of food grains and 800 000 bales of cotton

The project is estimated to cost Rs 156 crores The costs chargeable to the irrigation and hydro electric portions works out to a ratio of 3 5 to 5

The proposed expenditure during the Plan period is Rs 100 crores

The whole project including the dams and canals is programmed to be completed by 1957 58

Mangla Scheme —This project provides for the generation of 10,000 kW of hydro electric power at Mangla near the Irrigation Branch Head Works on the Upper Jhelum Canal from a head of 30 ft and minimum flow of approx 5,000 cusecs in the head reach of the canal It also provides for the linking of this power station by a double circuit 132 kV line with the 132 kV Grid substation at Jhelum which would be constructed under the Rasul Hydel Scheme

The hydro electric works at Jogindranagar on the Uhl River have now five machines all of which can run during the summer They can supplement the supply of power from the Mangla during the summer, while during the winter the Mangla scheme makes good the deficiency of the Uhl River Scheme

These two schemes are therefore primarily meant to supplement each other during the low water periods at the respective power stations, thus ensuring a constant supply of additional power all throughout the year The schemes are estimated to cost Rs 99 52 lakhs

Uhl or Mandi —Situated on a spur of the Dauladhar Range at elevations ranging between 6,000 and 4,000 feet above sea level, and connected by means of a tunnel over 15,000 ft long, are the works of what is known as the Uhl River Hydro Electric or Mandi Scheme which is now operated by the Punjab P W D Electricity Branch

Due to the extensive nature of the construction works, it was found necessary to build two small temporary hydro electric power stations one at Dhelu near Shanan and the other at Thuji near the headworks at Brot which were linked together to constitute a combined installed capacity of 1,440 kW

Shanan Power Station — The initial installed capacity of Shanan Power Station is 48,000 kW

From the Shanan Power Station energy generated at 11,000 volts is stepped up to 132,000 volts which is the highest voltage adopted for this purpose in the country

This station supplies sub stations at Kangra, Pathankhot, Dhariwal and Amritsar

A single circuit line also runs from Amritsar to Jullundur and is continued at 33 kV to serve Goraya and Ludhiana sub stations

From these various sub-stations lines radiate to supply between them the Amritsar Municipality and the Jullundur Electric Supply Co and also to Kapurthala at two points

HYDERABAD

Nizamsagar Power Station.— The Nizamsagar Reservoir, located on the Manjira river, is now supplying water for irrigation to a large area

The discharge into the irrigation channel is being used to generate up to 1 5 000 kW of power The bulk of the power will be stepped up to 66 000 volts for transmission to Hyderabad city where an immediate demand exists

Devanoor Scheme.—Above the Nizamsagar reservoir, the Manjira river makes a wide loop and, by building a dam near Devanoor village it is possible to obtain a head of approximately 375 feet total The flow will be approximately 1,200 cusecs perennial and power will be developed at two stations along the canal

The total amount of power available from Devanoor will be approximately 40,000 kW perennial, and this is one of the few schemes available to supply continuous power

Tungabhadra Schemes — In conjunction with the Tungabhadra irrigation scheme it is possible to generate over 160,000 kW of hydro power at a number of stations along the canal system

Plans for a station to accommodate five units of 7,500 kW capacity have been prepared

At Sivapur, about 10 miles down the irrigation canal, a dam is being constructed At this dam there is a fall of 60 feet and it is proposed to install three units of 10,000 kW capacity in a station which will be controlled from No 1 Power Station

Below Sivapur there will be another reservoir at Timmapur, where the irrigation requirements can be dropped through 30 feet thus generating about 10,000 kW

Above this point the canal has been designed for a capacity of 7 000 cusecs so that power can be generated from this surplus water The power available will be about 30 000 kW seasonal

At Ipra, near Raichur, a further power station can be installed with a capacity of about 10 000 kW

Krishna Schemes —Two power schemes have been investigated on the Krishna river, one in the upper reaches above the junction with the Tungabhadra and one in the lower reaches where it passes through a range of hills near Devarkonda

The upper Krishna will give a capacity of approximately 50,000 kW and the lower station at the lower Krishna about 100,000 kW

Godavaris Scheme —Apart from these sources, power will be generated on a large scale under the Godavari Valley Development The Godavari main project will have eleven power sites, large and small These are at (1) Kawalguda site 45,000 kW (2) North Bank Canal Developments (four in number) 60 000 kW, (3) South Bank Canal Development (two in number) 40,000 kW, and (4) South Power Branch Development (four in number) 30 000 kW

The total amount of power generated at these places will be 175,000 kW

The Godavari Thermal Power Station at Ramagundam forms a part of the larger industrial development of the valley which is rich in natural mineral resources

The total expenditure up to date is Rs 12 2 millions on machinery and civil works

The power station at Hyderabad is to be expanded at a cost of Rs 5 00 millions so as to raise its capacity to 26,000 kW

Singareni Collieries supply electricity, through a 33,000 kW transmission line, as a temporary measure to Khammamet, Dornakal, Garla and Mahbubabad

The hydro thermal grid system will in course of time electrify the remotest corners of the State

BHOPAL

To generate electric power badly needed to help industries develop in Bhopal, the Government of Bhopal have prepared for the sanction of the Government of India the Kolar Nadi *Hydro Electric cum Irrigation Project*, estimated to cost rupees four crores

A storage reservoir to be constructed across the Kolar Nadi, a tributary of the Narbada, will have a storage capacity of about 390,000 acre feet The water stored during rains will be utilised, at first, for generating 16 500 kW of electric power The tail water will be picked up lower down and utilised for irrigating 96 000 acres of land

RAJASTHAN

The Jawai River Irrigation-cum Hydro Electric Project in Jodhpur Division was taken in hand as early as in 1946 Work is in full swing and is expected to be soon completed

The reservoir across the river Jawai has a capacity of 0 17 million acre feet and besides irrigating some 110,000 acres, will supply water for two generating stations, 1,570 kW maximum output at the canal head and 2,530 kW maximum output at the canal tail where a drop of 92 feet occurs

The cost of the scheme is estimated at 8 24 crores of rupees

The Chambal Irrigation and Hydel Development Project (Madhya Bharat and Rajasthan) aims at harnessing the Chambal for irrigation hydro electric generation and flood control by the construction of three dams and one barrage for the benefit of both Madhya Bharat and Rajasthan States

A dam 190 feet high will be constructed near Chaursigarh Fort with a storage capacity of 7 million acre feet Hydro power to the extent of 28,000 kW to 38,000 kW at 100 per cent load factor will be developed, and the area to be irrigated will be 40,000 acres

The second dam, 100 feet high near Rawat bhata with a storage capacity of 1 3 million acre feet, will develop 30 000 kW to 40 000 kW power at 100 per cent load factor and will provide irrigation facilities for an area of 10,000 acres

The third dam 145 feet high will be located near Gapernath and will develop 30 000 kW to 40,000 kW power at 100 per cent load factor

Total power about 100,000 kW

The barrage will be located near Goanari village and the canal taking off therefrom will irrigate one million acres

The total cost of the scheme is Rs 38 crores

The work on the project was started in October 1948

*

INSURANCE

INDIAN Insurance encountered a particularly difficult period in the year 1952 The restrictions of bank credit, extreme stringency in the money market, consumers resistence, and depressing advices from foreign markets, all combined to create a situation akin to depression There was thus an all round fall in the premium income in all departments in 1952

It was felt that in the stress of keen competition in business, insurers were not strictly adhering in practice to the spirit of the Insurance Act Two sets of Regulations called ' Code of Conduct ', have therefore been evolved one for life offices and the other for general insurers to help establish better practice in procuring business strictly in accord with the provisions of the Law The purport of these Codes is to regulate the business terms and relationship between the insurance offices and their field-workers As these codes are drawn up by the insurers themselves in consultation with one another and self imposed, they are helping the Trade to bring about a healthier atmosphere in their business practice

The Code for the General Insurers came into force on 15th February 1952 and the Code for Life Insurers on 1st January 1953

Though the Employees State Insurance Act was passed in 1948, and the Employees' State Insurance Corporation was also formed in that year to administer the Health Insurance Scheme, it took over four years to put the scheme into effect It was to start with introduced in Delhi and Kanpur regions first offering the benefits of health insurance to over one lakh of industrial workers This took place on the 24th of February 1952 It was extended to the Punjab on the 17th of May 1953

It is proposed to introduce the Scheme by stages at different industrial centres in India so that by April 1954, it will cover all places in the Union with a concentration of employees of over 5,000 When fully implemented, it will give a cover to nearly 20 lakhs of industrial workers

The rate of income tax applicable to Insurance Companies which was raised to about 65 pies in the rupee in 1951, has continued at that figure In assessing taxable income on the basis of income less expenses , the maximum limit for the allowable expenses for life offices is 15 per cent of the Renewal Premiums and such percentage of the First Years' Premiums as is obtained by multiplying the term in years of the corresponding policies by 7½ subject to a maximum of 90 per cent A strong representation has been made to the Finance Ministry from the Trade to accept the limits permitted by the Insurance Rules Nos 17D and 17E as the limits for the allowable expenses in assessing taxable income on the basis of valuation surplus, the portion of the surplus distributed among the policy holders that would be exempted from income-tax has been raised from one half to two thirds The Select Committee in its Report on the Income tax Amendment Bill which was before the House of the People, recommended that this ratio should be further raised from two thirds to four fifths

Co operative Insurance Societies are not liable to income tax as per Section 60 of the Income tax Act Mutual Life Insurance Offices are now agitating for simular concession and have made a representation to the Taxation Enquiry Commission on the plea that the structure of Mutual Insurers and Co operative Insurers are in essence and principle almost the same

(Figures taken from the Government of India Insurance Year Book)

	1948	1949	1950	1951	1952
Total Number of Companies	339	339	341	334	324
Total Number of Indian Companies (Mostly Life)	232 (Up to 30th Sept 1948)	234 (Up to 7th Oct 1949)	235 (Up to 7th Oct 1950)	230 (Up to 7th Oct 1951)	222 (Up to 7th Oct 1952)
Total Number of non-Indian Companies (Mostly non Life)	107	105	106	104	102
Average Value of new Life Policy Issued by Indian Companies during year	Rs 2,306	Rs 2,306	Rs 2,341	Rs 2,471	Rs 2,575
Average Value of new Life Policy Issued by non Indian Companies during year	Rs 6,300	Rs 6,300	Rs 6,698	Rs 7,224	Rs 7,332

LIFE BUSINESS

	New Business					Total Business in Force				
	1947	1948	1949	1950	1951	1947	1948	1949	1950	1951
Number of Policies Issued	544,000	486,000	544,000	498,000	474,000	2,936,000	3,025,000	3,303,000	3,280,000	3,414,000
Number of Policies with Indian Companies	524,000	467,000	526,000	479,000	452,000	2,707,000	2,791,000	3,074,000	3,049,000	3,179,000
Number of Policies with non Indian Companies	20,000	19,000	18,000	19,000	22,000	229,000	234,000	229,000	231,000	235,000
	Rs Crores	Rs Crores	Rs Crores	Rs Crores	Rs Crores	Rs Crores	Rs Crores	Rs Crores	Rs Crores	Rs Crores
Sums Assured (including Reversionary Bonus additions)	126 40	119 65	135 35	132 08	132 92	649 07	667 46	739 49	739 49	792 94
Sums Assured with Indian Companies	114 06	107 08	123 13	118 38	116 46	547 17	566 38	636 95	635 81	677 04
Sums Assured with non-Indian Companies	12 34	11 97	12 22	13 70	16 46	101 90	101 08	102 54	108 84	115 92
Premium Income	6 93	6 48	7 47	7 28	7 34	32 81	33 27	37 18	37 70	39 74
Premium Income of Indian Companies	6 22	5 77	6 73	6 46	6 38	26 98	27 59	31 46	31 59	33 32
Premium Income of non-Indian Companies	71	71	74	82	96	5 83	5 68	5 72	6 11	6 42

ANNUITY BUSINESS

	1946 Rs per annum	1947 Rs per annum	1948 Rs per annum	1949 Rs per annum	1950 Rs per annum	1951 Rs per annum
Total Annuity Business in force at end of year	61,70,000	65,35,000	57,49,000	73,25,000	73,05,000	73,82,000
Amount Payable by Indian Companies	28,80,000	29,80,000	30,77,000	34,22,000	31,27,000	30,64,000
Amount Payable by non Indian Companies	32,90,000	35,55,000	26,72,000	39,03,000	41,78,000	43,18,000
Total New Annuity Business in year	11,51,000	10,77,000	9,45,000	10,83,000	8,03,000	7,75,000
Share of Indian Companies	5,03,000	3,28,000	3,81,000	3,25,000	2,44,000	2,12,000
Share of non Indian Companies	6,48,000	7 49 000	5,64,000	7,58,000	5,59,000	5 63,000

NON-LIFE BUSINESS

	1946	1947	1948	1949	1950	1951
	Rs	Rs	Rs	Rs	Rs	Rs
Total Net Premium Income	11 55 Crores	13 78 Crores	15 06 Crores	16 30 Crores	16 68 Crores	18 36 Crores
Total Net Premium Income of Indian Companies	6 68 ,,	8 41 ,,	9 27 ,,	10 38 ,,	10 56 ,,	13 09 ,,
Total Net Premium Income of non-Indian Companies	4 86 ,,	5 37 ,,	5 79 ,,	5 92 ,,	6 07 ,,	5 27 ,,
Total Fire Premium Income	6 01 ,,	6 87 ,,	7 39 ,,	7 70 ,,	8 00 ,,	9 39 ,,
Total Marine Income	2 21 ,,	2 90 ,,	3 64 ,,	3 78 ,,	3 83 ,,	4 12 ,,
Total Miscellaneous Premium Income	3 32 ,,	4 00 ,,	4 03 ,,	4 82 ,,	4 80 ,,	4 85 ,,

DISTRIBUTION OF COMPANIES

The total number of insurers registered under the Insurance Act, 1938, up to 7th October, 1952 was 324 of which 222 insurers were Indian insurers and 102 were non Indian insurers

Of the 222 Indian Insurers, 90 had their head offices in Bombay State 49 in West Bengal 32 in Madras State, 10 in Delhi State 5 each in Punjab and Uttar Pradesh, 8 in Saurashtra, 3 in Hyderabad 2 each in Mysore Orissa and Rajasthan and one each in Ajmer Merwara, Assam Bihar, Madhya Bharat and Madhya Pradesh

Of the 102 non Indian insurers 66 (including one insurer holding standing contracts with Lloyds) were constituted in the United Kingdom 17 in the British Dominions and Colonies 9 in the United States of America, 3 in Switzerland 2 each in Pakistan and Africa, and one each in France, Italy and Java

Most of the Indian insurers carry on life insurance business only They are 115 in number, and of the remaining 107 Indian insurers, 48 carry on life business along with other insurance business, and 59 carry on insurance business other than life Of the Indian insurers, 40 are either Mutual Insurance Companies or Co operative Insurance Societies Further there are a few pension funds, mostly connected with Government services, and the Postal Insurance Fund which are exempt from the operation of the Insurance Act

As regards non Indian insurers, most of them carry on insurance business other than life, 4 carry on life business only, and 13 carry on life business along with other insurance business

LIFE INSURANCE BUSINESS

The total net new life insurance business effected in India during the year 1951 amounted to 474,000 policies insuring a sum of Rs 13,292 lakhs and having an annual renewal premium of Rs 7 31 crores, of which the new business done by Indian insurers amounted to 452,000 policies insuring a sum of Rs 116 46 crores and having a yearly renewal premium income of Rs 6 38 crores The new life business effected by non-Indian insurers amounted to 22,000 policies insuring a sum of Rs 16 46 crores and having a yearly renewal premium income of 0 96 crores

The average sum insured per policy under the new policies issued in India by Indian insurers was Rs 2,575 and under those issued by non Indian insurers about Rs 7,332

The total net life insurance business effected in India and remaining in force at the end of 1951 amounted to 3,414,000 policies insuring a total sum of Rs 792 94 crores including bonus additions and having an annual premium income of Rs 39 74 crores Of this the share of Indian insurers is represented by 3,179,000 policies insuring a sum of Rs 677 02 crores and having an annual premium income of Rs 33 32 crores The share of non Indian insurers is represented by 235,000 policies insuring a sum of Rs 115 92 crores and having an annual premium income of Rs 6 42 crores

Some Indian Life Offices have been operating outside India also The total new sums insured by these offices outside India in 1951 amounted to 17,000 policies insuring Rs 7 08 crores The total business remaining in force at the end of 1951 amounted to 214,000 policies insuring Rs 49 94 crores and having an annual premium income of Rs 2 42 crores

The following table shows the New Sums Insured by Indian Life Offices, the Average Sum Insured per policy and the Total Sums Insured in force at the end of the year —

Year	New Sums Insured.		Total Sums Insured in Force.
	Sum insured (in crores)	Average sum insured per policy	Sum insured including bonus additions (in crores)
	Rs	Rs	Rs
1935	32 81	1,565	151 63
1936	37 80	1,532	174 67
1937	41 74	1,520	196 74
1938	46 68	1,498	218 86
1939	45 96	1,511	232 42
1940	35 23	1,685	243 91
1941	36 68	1,841	256 43
1942	37 89	2,193	266 60
1943	65 24	2,258	310 95
1944	95 20	2,206	366 15
1945	122 78	2,128	459 43
1946	131 43	2,205	514 50
1947	114 06	2,177	547 17
1948	107 68	2,306	566·38
1949	123 13	2,341	636 95
1950	118 38	2,471	635 81
1951	116 46	2,575	677 02

The total new annuity business effected during the year 1951 was for the amount of Rs 7 75 crores, of which the share of Indian Insurers was Rs 2 12 crores The total annuity business remaining in force at the end of the year was Rs 73 82 crores, of which the amount payable by Indian Insurers was Rs 30 64 crores, and by non Indian Insurers Rs 43 18 crores

The total income of Indian and non Indian Insurers during 1951, in respect of their life Insurance business amounted to Rs 52 48 crores, while the total outgo was Rs 37 25 crores

The total income of Indian and non-Indian Insurers during the year 1951, in respect of their life insurance business was made up of —

(In lakhs of rupees)

Particulars of Income	Indian Insurers	Non-Indian Insurers
	Rs	Rs
Premium	37,38	6,41
Interest, Dividend and Rents	6,16	1,32
Other Receipts	91	30
Total	44,45	8,03

The total outgo of these insurers during the year in respect of the life insurance business was made up of —

(In lakhs of rupees)

Particulars of Outgo	Indian Insurers	Non-Indian Insurers
	Rs	Rs
Claims by death	3,58	84
Claims by Maturity	6,41	2,06
Annuities	15	11
Surrender value	1,48	94
Expenses of Management	10,00	1,47
Depreciation and Transfer to Investment Reserves, etc	8,89	40
Miscellaneous	5	69
Transfer to Shareholders' Reserves and dividends	16	2
Total	30,72	6,53

INTEREST RATE & EXPENSE RATIO

The net rate of interest earned on the mean life insurance funds during the year 1951 by Indian Insurers was 3 30 per cent Non-Indian Insurers realized 3 19 per cent The net rates of interest realized on mean life insurance funds by the Indian Insurers in each of five years were as follows —

Year	1947	1948	1949	1950	1951
Rate of Interest per annum	3 03	3 02	3 05	3 16	3 30

The total expenses of management of Indian Insurers in respect of life insurance business, expressed as a percentage of the Premium income during each of five years was as follows —

Year	1947	1948	1949	1950	1951
Expense Ratio ..	30 4	29 0	29 2	28 9	26 8

If the figures of half a dozen Insurers having the largest premium income are excluded, the expense ratio in the case of remaining Insurers would be as under —

Year	1947	1948	1949	1950	1951
Expense Ratio	35 1	32 4	33 2	32 5	28 2

The net rates of interest realised in India on mean life insurance funds by the non-Indian Insurers in each of five years were as follows —

Year	1947	1948	1949	1950	1951
Rate of Interest per annum	3 10 3	15 3	01 3	11 3	19

The total expenses of management of non-Indian Insurers in respect of life insurance business in India expressed as a percentage of the premium income during each of five years was as follows —

Year	1947	1948	1949	1950	1951
Expense Ratio	20 0	21 1	22 0	21 8	23 0

NON-LIFE BUSINESS

The premium income in 1951 of insurers doing fire and other classes of business showed an increase over that in 1950

The net premium income of all insurers under insurance business other than life insurance during 1951 was Rs 18 35 crores (Rs 16 63 crores in 1950) of which the Indian Insurers' share was Rs 13 09 crores and that of the non Indian Insurers Rs 5 26 crores The total amount was composed of Rs 9 39 crores from Fire Rs 4 11 crores from Marine, and Rs 4 85 crores from Miscellaneous Insurance business

The Indian Insurers received Rs 7 12 crores from Fire, Rs 2 48 crores from Marine and Rs 3 49 crores from Miscellaneous Insurance business

The expense ratio for Fire, Marine Miscellaneous were 29, 23 and 27 per cent respectively in 1951 as against 28, 24 and 27 per cent respectively in 1950 Commission ratios in 1951, were 13, 5 and 15 respectively as against 24, 11 and 17 This all round decrease in 1951 is apparently the effect of the Insurance (Amendment) Act, 1950

Some Indian Insurers who transact fire, marine and miscellaneous insurance business also operate outside India These insurers had a net premium income of Rs 6 32 crores in 1951 as against Rs 4 84 crores in 1950 and Rs 3 94 crores in 1949

ASSETS OF INSURERS

The assets of all the Indian Insurers amounted to Rs 249 82 crores on 31st December 1951, which were held invested in —

(In lakhs of rupees)

Particulars	Amount
	Rs
Indian Government Securities	1,21,60
Securities of Part B ' States	1,61
British, Colonial and Foreign Government Securities	4,14
Municipal, Port Trust and Improvement Trust Securities	13,74
Mortgages on Property	9,98
Loans on Policies	14,78
Loans on Stocks and Shares	23
Other Loans	1,73
Shares in Indian Companies, Co operatives etc	34,68
Land and House Property	12,48
Agents' Balances, outstanding Premium and Interest, etc	12,44
Deposit, Cash and Stamps	15,81
Miscellaneous	6,60
Total	2,49,82

The following table shows the assets in India of non-Indian Insurers —

(In lakhs of rupees)

Insurers constituted in	Total Assets in India of	
	Life or composite companies	Non-life companies
United Kingdom	21,39	2,50
Dominions and Colonies	22,12	1 18
U S A		65
Switzerland	59	6
Indonesia		5
Total	44,30	4,44

PROVIDENT INSURANCE SOCIETIES

On September 30, 1952 there were in existence 81 Provident Societies Of these 30 were in West Bengal, 21 in Bombay State, 14 in Madras, the rest distributed over the other States

The total new business effected by the societies during the year 1951 amounted to 13 877 policies insuring a sum of Rs 1,06 94,900 The premium income received during the year on these policies amounted to Rs 3,69,400 The business in force at the end of the year amounted to 63 097 policies, insuring a total sum of Rs 3,46,88,700 including bonuses

The total life insurance fund of these societies at the end of 1951 amounted to Rs 85,57,000

The net rate of interest realized on mean life funds of the societies in the year was 3 56 per cent, and the total expenses of management expressed as a percentage of the premium income was 39 2

INSURANCE AGENTS

Insurance agents constitute an important pillar of the insurance structure The rapid increase in their number during the last few years, as indicated by the table below naturally raises the question whether the growth has kept within healthy limits or whether the evil of overcrowding is present in this profession as well

Year	1947	1948	1949	1950	1951
Number of Agents	174,169	170,016	180,737	172,936	177,164

Of the 126,691 licences issued in 1951, 64 200 were fresh and 62 491 were renewals

With the amendment of Section 42 of the Act, which came into force as from September 1, 1950 licences will be issued for a period of three years as against one year which was the practice followed till then The fees for fresh licences as well as for renewals have been increased to Rs 5

Sec 42A enjoins employers of insurance agents (Principal, Chief Special) to be registered Certificates are issued to them, renewable annually During 1951 the number of certificates issued to Principal Agents were 892 fresh and 418 renewal, to Chief Agents, 601 fresh and 43 renewal, to Special Agents, 9,860 fresh and 526 renewals

*

SCHEDULED CASTES, TRIBES AND BACKWARD CLASSES

Total No of Scheduled Castes	51 3	millions
No in rural areas	46 2	,,
,, ,, urban areas	5 1	,,
No per thousand persons in the country	144	
No engaged in agriculture	38 1	millions
,, ,, ,, nonagricultural occupations	13 2	
Total No of Scheduled Tribes	19 1	millions
No in rural areas	18 6	
,, ,, urban areas	0 5	
No per thousand persons in the country	54	
No engaged in agriculture	17 3	millions
,, nonagricultural occupations	1 8	,,

(For population of Scheduled Castes and Scheduled Tribes in individual States see under Population)

These classes include 779 Scheduled Castes 245 Scheduled Tribes and 198 nomadic tribes besides a number of unspecified groups

The new Constitution provides for special safeguards for the Scheduled Castes, Scheduled Tribes and Backward Classes

The President has defined by means of an order who the Scheduled Castes and Tribes are A similar list of Backward Classes has to await the detailed findings of the Backward Classes Commission

For the Scheduled Castes the safeguards take the form broadly speaking of reservation of seats in the lower Houses of the legislature and of vacancies in Government services For the Scheduled Tribes there is a sort of autonomy in parts of Assam Tribal Councils to watch their interests in some States, while in other States Ministers have been appointed to take charge of Tribal affairs There are also special grants to be used exclusively for uplift work

All these special provisions may come up for review by a Commission appointed by the President at any time within ten years after the commencement of the new Constitution Meanwhile there is an official with the Central Government who is to report to the President from time to time on the working of these provisions

As regards Backward Classes a Commission has been appointed to enquire into their condition

The Commission consists of

Kakasaheb Kalelkar (*Chairman*) N S Rajrolkar M P (Bombay) Bhecka Bhai M P (Rajasthan) Shivalal Singh Chaurasia (U P) Rajeshwar Patel M P (Bihar) Abdul Quaiyum Ansari M L A (Bihar) Lala Jagan Nath (Punjab), Hanappa (Mysore) Atma Singh Namdhari M P (West Bengal), Arunangshu Dey (West Bengal *member secretary*)

The functions of the Commission are to determine the criteria on the basis of which any particular section can be described as socially or educationally backward, to prepare a list of such Backward Classes for the whole of India to examine the condition and difficulties of such classes and make specific recommendations (including financial) for their removal

There is at present a scheme for the award of scholarships to post matric students

During 1951 52 a sum of Rs 8 25 lakhs was sanctioned Out of this 1,410 scholarships were granted

A sum of Rs 3 lakhs was sanctioned for the Scheduled Tribes

UNTOUCHABILITY CAMPAIGN

The Central Government has sought the assistance of three non official organizations—Harijan Sewak Sangh Bharatiya Depressed Classes League Scheduled Castes Federation—to conduct an anti untouchability campaign throughout the country

The Central Government made available Rs 50 lakhs from the 1953 54 budget allocation to the three organizations and also to individual States for the eradication of untouchability through approved non official bodies All these funds are to be used solely for propaganda against untouchability

The organizations to whom grants are made are required to raise voluntary contributions at least to the extent of 20 per cent of the amount allotted to them

On December 30 1953 the Government of India published a Bill entitled The Untouchability (*offences*) Act 1953 The Bill was to be introduced in the budget session of Parliament in 1954

It makes the practice of untouchability and enforcement of any disability arising therefrom a cognizable offence punishable with imprisonment upto six months, or fine upto Rs 500, *or both*

It is meant to apply to the whole of India except Jammu and Kashmir and to all communities and not Hindus alone

In addition to the normal penalties prescribed in the Bill the court may also cancel or suspend any licence in respect of any profession, trade, calling or employment when an offence is committed under this law during the course of such profession, trade, calling or employment

Whoever takes any part in the excommunication of or imposition of any disability on any person who refused to practise untouchability or does any act in furtherance of the objects of this new law will also be guilty of an offence

Under the new law every place of public worship will be open to every untouchable for worship and for the performance of any religious service or for offering prayers therein in the same manner and to the same extent as it is open to any other person belonging to the same religious denomination or to the same section thereof as the untouchable

Every such untouchable will be entitled to bathe in or use the waters of any sacred tank spring or water course in the same manner and to the same extent as other persons belonging to the same religious denomination or any section thereof as the untouchables are entitled to

With regard to removal of social disabilities on untouchables, the Bill provides that no untouchable should on ground only that he is an untouchable be subject to any disability liability restriction or condition with regard to access to any shop public restaurant hotel or any place of public entertainment or use of river, well, etc, road, passage, etc or the use of or access to any public conveyance licensed to ply or hire by any authority constituted under any law

Untouchables will not be refused admission to hospitals dispensaries, educational institutions or hostels attached to them established or maintained for the benefit of the public, on the ground that they are untouchables

No person should refuse to sell any goods or refuse to render any service in the ordinary course of business to any untouchable on the ground only that he is an untouchable

PENALTIES

The clause relating to penalties says that whoever prevents an untouchable from exercising any right conferred by this Act or molests, obstructs or attempts to cause obstruction to an untouchable in the exercise of any such right will be punishable with imprisonment which may extend to six months or with fine which may extend to Rs 500 or with both

Provision is also made for the award of a similar punishment to those persons who deny to others the rights to which they are entitled or are a party to the excommunication of or imposition of any other disability on others on the ground that they have refused to practise untouchability or have done any act in furtherance of the objects of this Act

Whoever abets an offence under this section will be liable to the punishment provided for the offence

If the person committing an offence under this Act is a company every person who at the time the offence was committed was in charge of and was responsible to the company for the conduct of the business of the company as well as the company will be deemed to be guilty of the offence and will be liable to be proceeded against and punished accordingly

This will not however render a person to punishment if he proves that the offence was committed without his knowledge or that he exercised all due diligence to prevent the commission of such offence

Where an offence under this Act has been committed by a company and is attributable to any neglect on the part of any director or manager secretary or other officer then the officer will also be deemed to be guilty of that offence and will be liable to be proceeded against and punished accordingly

If a person who is convicted for an offence under this Act holds a licence in respect of any profession trade or employment in relation to which the offence is committed the court trying the offence may without prejudice to any other penalty to which such person may be liable direct that the licence should stand cancelled or be suspended for such period as the court may deem fit

Where the manager or trustee of a place of public worship which is in receipt of a grant of land or money from the Government is convicted of an offence under this Act the Government may if in its opinion the circumstances of the case warrant such a course direct the suspension or resumption of the whole or any part of such grant

The provisions of this Act will have effect notwithstanding anything inconsistent therewith contained in any other law for the time being in force, or any custom or usage

A member of a Scheduled Castes who has been converted from the Hindu religion to any other religion notwithstanding such conversion will be deemed to be an untouchable' for the purposes of this Act

An untouchable means a member of a scheduled Caste as defined in clause 24 of Article 366 of the Constitution and includes any other person who by custom or usage is regarded as an untouchable ' by any community or section thereof

LEGISLATION IN FORCE

Below is a list of legislative measures in force in Indian States for removing social disabilities among Hindus

Bihar The Bihar Harijan (Removal of Civil Disabilities) Act, 1949, and the Amendment Act, 1951

Bombay The Bombay Harijan (Removal of Civil Disabilities) Act, 1947, The Bombay Harijan Temple Entry Act, 1947

Madhya Pradesh The C P and Berar Scheduled Castes (Removal of Civil Disabilities) Act, 1947, The C P and Berar Temple Entry Authorization Act, 1947

Madras The Removal of Civil Disabilities Act 1938 The Madras Temple Entry Authorization Act, and the Amending Act, 1949

Orissa The Orissa (Removal of Civil Disabilities) Act, 1946—not cognizable The Orissa Temple Entry Authorization Act, 1948

Punjab The East Punjab (Removal of Religious and Social Disabilities) Act, 1947

Uttar Pradesh The U P (Removal of Social Disabilities) Act 1947– not cognizable

West Bengal The West Bengal Hindu (Social Disabilities Removal Act) 1948

Hyderabad The Hyderabad Harijan Temple Entry Regulation No IV of 1358F (1948 49) The Harijan (Removal of Social Disabilities) Regulation No LVI of 1358F (1948 49)

Madhya Bharat Harijan Disabilities (Removal) Act 1949 and the Amendment Act, 1950

Mysore The Removal of Disabilities Act 1948 the Amendment Act of 1948 and 1949 The Mysore Temple Entry Authorization Act, 1948, and Amendment Act 1949

Saurashtra The Removal of Social Disabilities Ordinance 1948

Travancore Cochin The Travancore Cochin Temple Entry (Removal of Disabilities) Act 1950 The United State of Travancore and Cochin (Removal of Social Disabilities) Act, 1950

Ajmer The U P (Removal of Social Disabilities) Act 1947, extended to the State –not cognizable

Bhopal The U P (Removal of Social Disabilities) Act 1947 extended to the State in June 1951—not cognizable

Bilaspur The U P (Removal of Social Disabilities) Act, 1947 extended to the State in June 1951—not cognizable

Coorg The Coorg Scheduled Castes (Removal of Civil and Social Disabilities) Act 1949 The Coorg Temple Entry Authorization Act, 1949—not cognizable

Delhi The Bombay Harijan (Removal of Social Disabilities) Act 1947 extended to the State

Himachal Pradesh The U P (Removal of Social Disabilities) Act 1947 extended to the State in May 1951 not cognizable

Kutch The Bombay Harijan (Removal of Social Disabilities) Act, 1947, extended to the State in May 1951

Tripura The West Bengal Hindu (Social Disabilities Removal) Act, 1948, extended to the State in May 1951

Vindhya Pradesh The U P (Removal of Social Disabilities) Act, 1947 extended to the State—not cognizable

Such of the above Acts as are not shown as 'not cognizable' are cognizable

REPORT FOR 1952-53

Such legislation to penalize the practice of untouchability, both for the sake of uniformity and to cover those States where there is no such law was, in fact, recommended by the Commissioner for Scheduled Castes and Tribes, Mr I M Srikant, in his report for 1952 to Parliament

Untouchability, though forbidden under Article 17 of the Constitution, still persists especially in the rural areas of the country, says the report

The only States which could be said to be free from the "curse" of untouchability are Assam, Manipur and Tripura

In West Bengal, too, though the Scheduled Castes are considered officially low, they are not regarded as untouchables

Legislative measures taken by the States for the removal of untouchability have not proved very effective

Where untouchability has not been made a cognizable offence, the reason for the ineffectual nature of legislation is obvious But even where it is made cognizable legislation has not been of any material help to those for whose benefit it was enacted

Being economically dependent upon non Scheduled Castes, the Scheduled Castes have not the courage to break social barriers

The total eradication of untouchability will take a little time

The problem of Scheduled Tribes is different from and not as complicated as that of the Scheduled Castes since there is no deep rooted prejudice against them in society

After referring to special representation given to Anglo Indians in Legislatures the report observes that reservations have been made for them in the railways customs, postal and telegraph services

There is however a shortage of Anglo Indians for reserved posts because of the non availability of candidates of the requisite qualifications and the new lower scales prescribed Steps have been taken to recruit more Anglo Indians

No complaint, however, was received in this regard

Special grants for the education of the Anglo Indian community were also continued by the Central and State Governments

The report suggests the provision of necessary facilities to the Scheduled Castes and Scheduled Tribes for housing, supply of drinking water security of land tenure debt redemption development of cottage industries, improvement of sanitation provision of free legal aid and representation in local bodies panchayats, etc

While dealing with the living conditions of the lowliest of the low the report says that in cities and towns civic consciousness is so dormant that Corporations municipalities and district boards etc are very reluctant in providing even the primary amenities of life like decent housing, lighting, water supply, etc to their menial Bhangi and Mahar Harijan employees

Large items of expenditure are swallowed up in the construction of luxurious roads and lighting arrangements while the Harijan employee has been relegated to the background under the pretext of financial stringency

Some of these local bodies do not treat them fairly in the matter of decent conditions of service *e g*, maternity leave and permanency of service

ORIGIN

It was during the Round Table Conference held in London, before the 1935 Government of India Act was finally drafted, that Dr Ambedkar suggested the term 'Scheduled Caste' for all those depressed class people who were not only backward socially economically and politically but who also suffered from the social disabilities derived from untouchability

The Government of India (Provincial Legislative Assembly) Orders 1936 give a list of officially recognized Scheduled Castes

The aboriginal tribes which were termed Animists in the census of 1911, Forest and Hill Tribes in the census of 1921, Primitive Tribes in the census of 1931 and Backward Tribes in the 13th Schedule of Government of India (Provincial Legislative Assembly) Order, 1936 and finally Tribals in the census of 1941 are now called Scheduled Tribes according to the new Constitution

It is comparatively easy to define a Scheduled Caste as its distinguishing feature is untouchability but it is more difficult to lay down a uniform criterion for a Scheduled Tribe

The main object of listing these Castes and Tribes separately in the Government of India Act of 1935 and the present Constitution was to give them special political representation and educational and other facilities

Every State has a list of Scheduled Castes and Scheduled Tribes for the granting of educational and other facilities But for political representation the list contained in the Schedule 13 of the Government of India Act (Provincial Legislative Assembly) Orders, 1936 was followed by all the States so far as Provincial Assemblies and Councils were concerned

The Indian States, prior to the advent of Independence, however, had lists which were haphazardly compiled

So, when the new Constitution was on the anvil, it was decided that a thorough going list for Scheduled Castes and Scheduled Tribes should be prepared

SAFEGUARDS

The Constitution of India has laid down certain safeguards for Scheduled Castes, Scheduled Tribes and Backward Classes or the weaker sections of the people

In a chapter on Fundamental Rights, under Articles 15 16 and 17, it has been stated that the State shall not discriminate between any citizens on ground of religion, race caste sex or place of birth This does not prevent the State, however, from framing rules for the reservation of seats in the legislature or of appointments in the public services in favour of any class which is not adequately represented

Similarly under Article 19, the right to freedom is circumscribed by authorising the State to place reasonable restrictions for the protection of the interests of Scheduled Tribes

Under the directive principles of policy, under part 4 Article 46 of the Constitution it is said that the State should promote the educational economic and political interests of the weaker section of the people and in particular the Scheduled Castes and Scheduled Tribes and protect them from social injustice and all forms of exploitation

Under Article 17 untouchability is abolished and its practice in any form forbidden

Article 25 empowers the State to throw open Hindu religious institutions of a public character

Article 29 provides that no citizen can be denied admission into any educational institution maintained by the State or aided by it on grounds of religion, race, caste or language

It has been laid down under Article 164, that in the States of Bihar, Madhya Pradesh and Orissa, there should be a Minister in charge of Tribal Welfare who may, in addition, be in charge of the welfare of Scheduled Castes and Scheduled Tribes or any other work of allied nature while in the Part B State of Madhya Bharat there will similarly be a Minister in charge of Tribal Welfare who may in addition, be in charge of the welfare of Scheduled Castes and Scheduled Tribes or any other work of allied interest

The VIth and VIIth Schedules of the Constitution under Article 244 also provide for the administration and control of Schedule areas and Scheduled Tribes and of Tribal areas in Assam by providing Tribe Advisory Councils for Tribal areas

For the promotion of the welfare of Scheduled Tribes and Schedule areas, provision has been made under Article 275 for grants in aid to be paid out of the Consolidated Fund of India for such schemes of development as may be undertaken by the States with the approval of the

Government of India for raising the administration of the Schedule areas of the State to the same level as that of the other areas of the State

Special provision for grants in aid has been made in the case of Assam

Tribes Advisory Councils have been set up in Bihar, Madhya Pradesh, Madras and Orissa

In the Tribal areas in Assam, District or Regional Councils have to be set up for each autonomous region Three fourths of the members have to be elected on a basis of adult franchise

REPRESENTATION IN LEGISLATURES

Seats are reserved in the House of the People under Article 330 and 332 for Scheduled Castes and for Scheduled Tribes including the Tribal areas and autonomous districts of Assam

The number of seats reserved in any State bears the same proportion to the total number of seats allotted to that State in the House of the People as the population of Scheduled Castes and Scheduled Tribes in the State or the part of the State bears to the total population of the State

Similarly in the Legislative Assembly of every State seats are reserved

The reservation of seats in the House of the People and Legislative Assemblies will cease to have effect on the expiration of a period of ten years from the commencement of the Constitution

The representation of the Anglo Indian community in the House of the People and in the Legislative Assemblies of the States by nomination will also cease after ten years

Under these provisions 72 seats in the House of the People and 477 in the States Legislatures have been reserved for the Scheduled Castes and 26 seats in the House of the People and 192 in the State Legislatures for the Tribes

The claims of members of Scheduled Castes and Scheduled Tribes should be taken into consideration according to Article 335 in the making of appointments to services and posts in connection with the affairs of the Union or of a State consistently with the maintenance of the efficiency of the administration

In order to investigate all matters regarding these safeguards for Scheduled Castes, Scheduled Tribes Backward Classes and Anglo Indians, provision has been made in the Constitution under Article 338 for the appointment of a special officer for Scheduled Castes and Scheduled Tribes who is required to report to the President upon the working of these safeguards at such intervals as the President may direct and the President will cause all such reports to be laid before each House of Parliament

Articles 339 and 340 provide for the appointment of a Commission by the President any time within the expiration of ten years from the commencement of the Constitution to report on the administration of Schedule areas and the welfare of Scheduled Tribes in the States of Parts A and B

The same Articles also provide for the appointment of a Commission to investigate the conditions of socially and educationally backward classes and the difficulties under which they labour and to make recommendations as to the steps to be taken to remove such difficulties and to improve their conditions, and the grants that should be made for this purpose by the Union or any State

Now for the purposes of preparing a list of Scheduled Castes and Scheduled Tribes it has been laid down under Articles 339, 341 and 342 that the President, in consultation with the Governor or Rajpramukh of the State, by public notification should specify the castes, races or tribes to be deemed as Scheduled Castes and specify the Scheduled Tribes to be deemed as Scheduled Tribes

Parliament alone may, by law, include or exclude from this list Scheduled Tribes and Scheduled Castes The notification of such lists by the President cannot be varied by any subsequent notifications

This was done through the following orders The Constitution (Scheduled Castes) Order, 1950, the Constitution (Scheduled Castes) (Part C States) Order, 1951, the Constitution (Scheduled Tribes) Order, 1950, the Constitution (Scheduled Tribes) (Part C States) Order, 1951

A note may also be added on the results of the general elections

Of the 98 seats allotted to the Scheduled Castes and Tribes in the House of the People the Congress won 74 seats, the Scheduled Castes Federation 2 the Communists 2, the Akali Party 2 and the Socialist Party (now P S P) 3 Fifteen others were elected either through local parties or as independents

In the States Assemblies of the 669 total seats for the Scheduled Castes and Tribes the Congress won 461 seats, the Socialists 19 K M P P 15, Communists 19, Scheduled Castes Federation 14, Akalis 8 The rest of the 133 seats were won by local parties and independents

(For an analysis for each State see under General Elections)

SCHEDULED CASTES

The main problem of Scheduled Castes is the social disabilities based on untouchability which is deep rooted in the structure of Hindu society

Legislative measures making untouchability a cognizable offence and enjoining entry into common Hindu temples have been enacted in Part A States as the Removal of Social Disabilities Act and the Temple Entry Act (pp 294 295)

They have been applied to some of the Part B States as well where the Scheduled Castes are badly treated For instance there are some Part B and Part C States where they are not allowed to put on shoes ride on horseback or put on the more expensive type of clothes or silver and gold ornaments, while in many places the Scheduled Castes are not allowed to draw water from the well Inter caste dining or inter caste marriages are out of question

Propaganda by non official agencies like the Harijan Sewak Sangh and the Congress has softened down the custom and the habit of untouchability to a considerable extent Legislative measures helped in keeping up the tempo of the propaganda Ultimately, it will be propaganda and the public opinion created by it that will put an end to untouchability of every kind

As a result of scholarships and other privileges granted to them the Scheduled Castes are coming into their own and are supplying leadership for the community There are, for instance, Ministers in Cabinets and Members of Parliament from Scheduled Castes

Similarly, in the Government services they are beginning to make headway and some have reached the upper ranks of services

The worst sufferers are those members of Scheduled Castes who are at the bottom of the social order and are considered as untouchables even among untouchables, castes like Bhangis, Mchtars, Valmikis and Mangs, and so on That is to say those who are mainly engaged as scavengers or sweepers or in the so called unclean work of removing dead animals, etc

It is very difficult to persuade these people to take to education or lead a decent life and also to provide them with decent houses The period of ten years stipulated in the Constitution may not be long enough to educate them socially and raise them to the level of the other sections of society

SCHEDULED TRIBES

The Scheduled Tribes live in remote forest regions, chiefly in Bombay, Madhya Pradesh, Bihar, Orissa, West Bengal and Assam.

Different Scheduled Tribes belong to different strata of culture and have different habits, customs and modes of life The main characteristics which are common to all Scheduled Tribes are, isolation from other communities, primitive life, belief in sorcery and black magic, nomadic habits, and love of drink and dance It is mostly on hill tops, or valleys or forest areas that the Scheduled Tribes have their habitation

They have been neglected both by Government and society in general who have, nevertheless, exploited them and, ultimately driven them into the forest regions of the country The problem is, therefore, quite different from that of the Scheduled Castes

The foreign Christian Missionaries have tried to improve their lot by starting missions among them as a result of which some leaders like Mr Jaipal Singh, M P have come forward and qualified themselves for membership of Parliament

There are very few educated or socially conscious people among the Scheduled Tribes who can take their due share in the work of State Assemblies much less in Government services

It was very recently that non official organisations have sprung up in the country for doing ameliorative work among them at the instance of the late Shri Thakkar Bapa who had organised Associations in some States with the help of grants from different State Governments

It is only the beginning and there is enormous uphill work to be done before they can catch up with the rest of society Without adequate support in men and money it is doubtful if this work can be accomplished within a period of ten years stipulated in the Constitution

In this connection the Bharatiya Adamjati Sevak Sangh to which all other institutions doing tribal welfare work are affiliated is doing much useful work

Backward classes can be listed after the findings of the Backward Classes Commission are available It will not be easy to list these people as the general condition of the majority of the people in India is also backward, educationally and economically It will, therefore, be very difficult for the State to provide adequate funds for the improvement of these classes

From the point of view of the existing production the Tribal area in Assam can be divided into three distinct categories These are (1) an area of about 2,000 square miles with a population of 60,000 which is self sufficient or has even surplus production (2) an area of 3 700 square miles with a population of 100,000 which has average production, and (3) the balance of about 34,000 square miles with a population of 538,000 which is a deficit area

At present paddy forms the major crop of the area and it is also the staple food of the people so long as it is available Millet and maize are next in importance and are grown extensively in the region Wheat and barley are grown only in some localised areas where climatic conditions are favourable Next to cereals, the tribal people are accustomed to root crops such as kachu, sweet potato and yams which are cultivated They are also found in wild condition

FIVE-YEAR PLAN

The total allotment is Rs 28 9 crores

In addition there are Rs 9 crores by way of grants by the Central Government under Article 271 (1), and Rs 3 crores for the tribal people in the North East Frontier Agency

The foremost needs of the Harijans are housing and education During the period of the plan the States and the Centre will spend Rs 10 crores and 4 crores respectively for the amelioration of the condition of the Harijans

The tribal areas are to be developed Here the emphasis will be on roads and water supply The people will be assisted to take to settled

methods of agriculture in preference to shifting cultivation Among diseases that are to be combated are malaria, skin diseases, leprosy, trachoma and elephantiasis

The nomadic tribes hitherto treated as criminals are to be weaned away from anti social behaviour and re absorbed into normal life

A five year development plan for the tribal areas of Assam (8 lakhs of people living in an area of 40,000 sq miles) estimated to cost Rs 3 crores, was also drawn up by the Planning Commission

A major portion of this expenditure, nearly Rs 1 35 crores, would be spent on development of roads

It is proposed to spend Rs 65 lakhs on medical facilities and public health, Rs 48 lakhs on education, Rs 32 lakhs on agriculture and Rs 20 lakhs on forests

Rs 83 5 lakhs will be required to implement the first stage of two years

In the road development programme, it is planned to build nearly 1,400 miles of road in the Mishimi Hills, Abor Hills, Subansiri area, Sela Sub-Agency, Tirap Hills and Naga Hills

This programme will be co ordinated with another for strategic roads

Development of medical and public health services includes opening of 10 hospitals and 30 dispensaries, education and training of students, appointment of malaria and vaccination staff and supply of drugs and medical instruments It also includes the establishment of a leper colony

Expenditure on education includes opening of primary and secondary schools, both of the middle and high standard, and also vocational training schools Emphasis is laid on the establishment of technical schools which are proposed to be opened in each of the six sub divisions in the area

On agricultural development, the major programme covers the introduction of permanent cultivation in the form of both terrace and wet rice cultivation Introduction of new and commercial cash crops, supply of improved varieties of seeds, training of agriculturists in improved manurial and cultural practices, supply of tools and implements form other important aspects of the programme

The existing sericultural activity in the area has to be promoted, and the plan makes a provision for setting up a fully equipped central farm at Pasighat In view of the future possibilities of sericulture among the tribal people, it is also considered necessary to provide for demonstration and seed supply centres in the area

The Planning Commission has allotted one Development Block to this area to be developed on the lines of the general pattern of Community Projects which will be implemented in various parts of the country

CENTRAL GOVERNMENT GRANTS

The following statement shows the ceilings for grants in aid fixed by the Government of India for the State Governments for welfare schemes for the Scheduled Castes the Scheduled Tribes and Backward Classes for the year 1953 54

(Rupees in lakhs)

Name of State	Scheduled Tribes	Ex Criminal Tribes	Scheduled Castes	Other Backward Classes
Part A States				
Assam	110 00	—	0 50	—
Bihar	21 00	0 50	3 00	2 00
Bombay	12 00	4 00	3 00	—
Madhya Pradesh	19 00	—	2 00	4 00
Andhra and Madras	9 50	4 00	3 00	2 00
Orissa	24 50	1 00	3 00	—
Punjab	6 00	1 50	1 50	—
Uttar Pradesh	—	8 00	3 00	1 50
West Bengal	10 00	0 10	1 00	—
Part B States				
Hyderabad	5 00	2 00	2 50	1 00
Madhya Bharat	7 00	1 00	2 50	2 00
Mysore	1 00	2 00	2 50	-
PEPSU		0 20	1 00	—
Rajasthan	8 00	2 00	2 50	3 50
Saurashtra	1 00	0 50	1 50	1 00
Travancore Cochin	1 00	—	1 50	—
Part C States				
Ajmer	3 50	0 10	1 00	—
Bhopal	3 50	0 10	1 00	—
Coorg	0 50	0 05	1 00	—
Delhi	—	—	1 00	—
Himachal Pradesh	0 50	—	1 00	-
Kutch	1 50	0 10	1 00	—
Manipur	9 00	—	0 75	—
Tripura	5 0	—	0 25	—
Vindhya Pradesh	6 50	0 05	2 00	—

The following table shows the same particulars for grants in aid to non official organisations

(Rupees in lakhs)

Name	Scheduled Tribes	Ex Criminal Tribes	Scheduled Castes	Other Backward Classes
Vimukta Jati Sevak Sangh of the Servants of the People Society for Delhi Schemes	1 00	—	—	—
Bharatiya Adimjati Sevak Sangh, Delhi 9	—	—	—	0 50
All India Backward Classes Federation, New Delhi	—	—	—	1 00

REFUGEES AND REHABILITATION

BELOW we give a few facts and figures Displaced persons from West Pakistan 49 00 lakhs, from East Pakistan 31 00 lakhs, total 80 00 lakhs

The distribution of displaced persons among the various States is as follows

Assam 277 000, Bihar 79,000 Bombay 341 000 Madhya Pradesh 121 000 Madras 10 000 Orissa 21 000 Punjab 2,468,000 Uttar Pradesh 476 000, West Bengal 2 118 000, Hyderabad 4 000 Madhya Bharat 68 000 Mysore 8 000 PEPSU 380 000 Rajasthan 313 000, Saurashtra 61,000 Ajmer 72 000 Bhopal 18 000 Delhi 510,000 Himachal Pradesh 5 000 Kutch 12 000, Manipur 1,200, Tripura 100 000, Vindhya Pradesh 15 000, Andaman and Nicobar Islands 2 000

REHABILITATION STATISTICS

Below we give some important rehabilitation statistics of D P families (figures in lakhs)

Rural Resettlement

1 Number with quasi permanent allotment	4 18
2 Number settled as tenants	0 33
3 Number with temporary allotment	0 54
Total number of families from West Pakistan settled on land	5 05
Total number of families from East Pakistan settled on land	3 37
Grand total of families settled on land	8 42
Rural loans advanced to displaced families from West Pakistan	Rs 8 28 crores
Rural loans advanced to displaced families from East Pakistan	,, 11 67 ,,
Total rural loans	19 95 ,,

The total amount of land allotted to displaced families from Pakistan (exclusive of land allotted in Punjab and PEPSU) was 746 952 acres (upto September 1952)

Urban Resettlement

Number of residential units provided for displaced persons from West Pakistan through schemes completed or under implementation	
Evacuee houses	1 79 lakhs
New houses built by Government	1 41 ,,
New houses built by private parties with Government assistance	0 42 ,,
Total	3 62 ,,
Expected houses for displaced persons from West Pakistan	
Through evacuee houses	14 70 ,,
Through new construction completed or under construction	9 10 ,,
Total	23 80 ,,

Employment

Number of displaced persons who secured employment through Employment Exchanges	1 97 ,,
From West Pakistan	1 64 ,,
From East Pakistan	0 33 ,,
Number registered	8 79 ,,
Number of displaced persons placed in Central and State Government services through Employment Exchanges	0 80 ,,

Training

Number of displaced persons trained	0 66 lakhs
Number of displaced persons under training or engaged in business	0 16 ,,

Education

Loans

To West Pakistan displaced students for study in India	Rs 53 40 lakhs
To displaced students studying abroad	,, 7 63 ,,

Business and Industrial Premises

Total number of units provided to displaced persons from West Pakistan	0 57 lakhs
Evacuee shops	0 27 ,,
Evacuee industrial premises	0 02
New shops	0 28

Loans

Small Loans

To displaced persons from West Pakistan	
Number of persons to whom sanctioned	1 70 lakhs
Amount sanctioned	Rs 11 33 crores
Amount paid	,, 10 79 ,,
Number of persons to whom paid	1 65 lakhs
To displaced persons from East Pakistan	
Amount sanctioned	Rs 4 24 crores
Loans by the Rehabilitation Finance Administration	
Number of displaced persons to whom loans sanctioned	0 10 lakhs
Amount sanctioned	Rs 8 67 crores
Amount paid	,, 4 89 ,,

Property Claims in West Pakistan

Total number of property sheets registered	10 30 lakhs
Number of property sheets verified	9 73 ,,

Under the small loans schemes loans up to Rs 5 000 are given to individual applicants

Up to September 1952, Rs 11 33 crores were sanctioned to 1 70 lakh displaced persons from West Pakistan Of this Rs 10 79 crores were actually paid to 1 65 lakh displaced persons

A sum of Rs 4 24 crores was sanctioned for the displaced persons in the east

Education

The Government of India were expected to spend Rs 17 lakhs during 1953 54 on grants to disrupted educational institutions from West Pakistan

On direct assistance to students, Rs 73 lakhs were to be spent in the shape of grants stipends and freeships

Rs 7 lakhs were to be spent on schools and colleges in the townships of Delhi, Faridabad and Rajpura

Upto the end of March 1953 the Central Government had spent Rs 5 crores on the education of displaced children

It is estimated that 400,000 students have benefited from the scheme

A sum of Rs 1 70 crores has been provided for the financial years 1953 54 to 1955 56

There were 31 regular centres where persons were given technical or vocational training Some of these were under the Central Government Others under the State Government

About 44,600 persons had been trained upto the end of September 1952, 39,600 from West Pakistan and 5,000 from East

About 11 900 persons were under training, 9 900 from West Pakistan and 2 000 from East

In the centres run by the Ministry of Rehabilitation 8,400 persons had been trained, and 1,700 were receiving training

Ten townships planned and executed as part of rehabilitation of displaced persons are as follows (number in brackets denotes target population) Faridabad (Punjab) (40,000) Gandhidham (Kutch) (75,000) Rajpura (PEPSU) (15 000) Nilokheri (Punjab) (10,000) Tripuri (PEPSU) (6 000) Sardarnagar (30 000), Ulhasnagar (Bombay) (130 000) Govindpuri also called Modinagar (U P) (30 000) Hastinapur (U P) (10 000) Chandigarh (Punjab) (60,000)

Townships planned Kubernagar (Bombay) (30 000) Partapnagar (Rajasthan) (20 000) Habra Baigachi (West Bengal) (40 000) Fulia (West Bengal) (5 000)

Relief

Total number of persons receiving dole from the Government	1 41 lakhs
Temporary liability	0 59
Permanent and semi permanent liabilities	0 76 ,,
Kashmiris in Yole camps	0 06 ,,
Maintenance allowance	
Monthly allowance paid	Rs 4 00 lakhs
Number of recipients	0 16 lakhs

There are about 76 000 unattached women and children including old and infirm persons They are being cared for in homes camps and infirmaries

The Ministry of Rehabilitation grant maintenance allowances to widows unattached women minors or such other persons as are unable to earn a living

This allowance is granted according to a prescribed scale up to a maximum of Rs 100 per month

The number of unattached women and children and aged and infirm persons and their dependents from West Pakistan resettled in destitute homes and infirmaries was 24 740 on September 30, 1952

The number from East Pakistan admitted into various destitute homes was 10 206

The grand total so admitted was 34 946

The number of persons from West Pakistan not so admitted but receiving gratuities from Government was 12,980

Camps for displaced persons from West Pakistan have now been closed down

In West Bengal, dispersal from relief camps still continues Owing to the rise in the influx of Hindus from East Pakistan the population in these camps increased to nearly 59,000 by the end of September 1952

COMPENSATION

In November 1953 the Government of India published its scheme for compensation to five priority categories as follows

(*a*) Widows old and infirm persons in receipt of maintenance allowance, (*b*) inmates of women's homes and infirmaries, (*c*) widows who have verified claims in their own names, (*d*) persons living in certain Government built townships and colonies (*e*) residents of mud hut colonies in the Punjab

The townships and colonies referred to in category (*d*) are

Ulhas Nagar (Kalyan), Sardarnagar (Ahmedabad), Pimpri (Poona), Vallivada (Kolhapur), Warashia (Baroda), Malaviya Nagar, Kalkaji and Tilak Nagar (Delhi), Katni (Tilda) Chakarbhata (Bilaspur), Mana (Raipur), Jaripatka (Nagpur), Rajpura, Tripuri (PEPSU) Modinagar Hastinapur (Meerut) Naini (Allahabad), Ramnagar (Roorkee), Premnagar (Dehra Dun), Alambagh (Lucknow), Govindnagar (Kanpur), Nilokheri (Faridabad), Bairagarh (Bhopal) and Gandhidham (Kutch)

Special treatment is given to the inmates of homes and infirmaries to ensure their proper rehabilitation after they have left the homes

The payment of the interim compensation will also begin with these displaced persons for the same reason

In the case of these persons the rehabilitation grants will be higher

For instance an ordinary priority claimant with a claim of Rs 2 000 will under the above table receive a total payment of Rs 1 200 But in the case of an inmate of a home or infirmary with a similar claim the total payment will be Rs 1 800 This will be made up of Rs 400 as interim compensation and Rs 1 400 as rehabilitation grant

In the case of claims higher than Rs 5,000 the inmates of homes and infirmaries will receive rehabilitation grants which will be approximately 50 per cent more

Amounts so far paid to displaced persons as maintenance allowance will not be deducted from the interim compensation now due to them

The following is the scale of the assessed values of urban claims, compensation, rehabilitation grants and the total compensation (in rupees) respectively to be paid under the scheme –

1,000	200	400	600
2 000	400	800	1 200
3,000	600	1,009	1,609
4 000	800	1,180	1 980
5 000	1,000	1,327	2,327
6 000	1,200	1,454	2,654
7,000	1,400	1,567	2,967
8 000	1,600	1,666	3 266
9 000	1,800	1,758	3,558
10 000	2,000	1 840	3,840
12 000	2 400	1 980	4 380
14,000	2 800	2 097	4 897
16 000	3,200	2 193	5 393
18,000	3,600	2,200	5 800
20 000	4,000	2 144	6 144
22,000	4 400	2,024	6 424
24 000	4 800	1 832	6 632
26,000	5 200	1 576	6 776
28 000	5,600	1 301	6 901
30 000	6 000	1 024	7 024
35 000	7 000	304	7 304
40 000	7 558	*Nil*	7 558
45 000	7,787	*Nil*	7,787
50,000 (and over)	8,000	*Nil*	8,000

There were 10,30,000 property sheets to be verified Out of these 9 73,113 or 94 5 per cent were verified upto September 1952

According to the decision taken at the Indo-Pakistan Conference held at New Delhi in April, 1949 Central Claims Organizations were set up in the two countries for the rapid disposal of claims for pensions, provident funds, and leave salaries of government servants and of the States and local bodies, who had migrated from Pakistan to India

The Indian Central Claims Organization arranges provisional payments to certain categories of displaced persons under the Indo Pakistan Scheme of Provisional Payment of Pensions and Provident Fund and the Government of India s own interim relief scheme

The Union Ministry of Rehabilitation has appointed three Regional Settlement Commissioners to work in connection with the payment of compensation to displaced persons, and the allotment of evacuee lands to non Punjabis and person of non Punjabi extraction having claims for agricultural lands

K Mathur (Delhi) Delhi U P Bihar, Rajasthan, M B , V P , Ajmer, Bhopal

L R Sikund (Jullundur) Punjab, PEPSU, H P , Bilaspur

N S Varma (Bombay) Bombay, Madras, Andhra, Saurashtra, M P , Travancore Cochin, Hyderabad, Mysore, Coorg, Kutch

TOTAL EXPENDITURE

The following table shows the total expenditure on displaced persons from 1947 52 (Rs in lakhs)

Nature of Expenditure	On W Pakistan refugees	On E Pakistan refugees	Total
Grants			
1 Relief	4 233 32	1 264 67	5 497 99
2 Rehabilitation	732 97	405 48	1 138 45
Total	4 966 29	1 670 15	6 636 44
Loans			
1 Urban	1,039 67	454 87	1 494 54
2 Rural	856 20	459 90	1 316 10
3 R E A	318 13	98 77	416 90
Total	2,214 00	1,013 54	3,227 54
Housing			
1 Loans	2 572 58	877 40	3 449 98
2 Capital outlay on civil works	1 088 33	—	1 088 33
3 Purchase of shares	52 50	—	52 50
Total	3,713 41	877 40	4,590 81
Establishment			
Ministry of Rehabilitation	69 69	3 13	72 82
Removal of persons contravening provisions of Influx from Pakistan Control Act	0 22	—	0 22
Grand Total	10,963 61	3 564 22	14 527 83

The following figures give the total expenditure at a glance (figures in Rs crores)

Establishment	0 73
Grants	66 36
Loans	32 28
Housing	45 91
Total	145 28

Expenditure during 1952 53 was Rs 34 33 crores Provision in 1953 54 budget was Rs 32 crores

REHABILITATION FINANCE CORPORATION

The net amount of loans sanctioned by the Administration upto the end of August 1953 was Rs 11 crores

The number of parties to whom loans were sanctioned was over 13,500

Till the end of June over Rs 6 23 crores had been disbursed to more than 8,000 applicants

Of the total amount of Rs 95 lakhs due on instalments repayable by displaced persons till June 30, 1953 only a little over 48 per cent had been recovered

In October 1953 the Government of India issued an Ordinance by which the total funds at the disposal of the Administration was increased from Rs 10 crores to Rs 14 5 crores

Of this total Rs 12 5 crores were to be available for grant of loans directly to displaced persons, and the balance for reimbursement of losses to scheduled banks in respect of loans guaranteed by the Administration

The Ordinance enables the Government to undertake full guarantee for the losses suffered by the scheduled banks against the 50 per cent provided in the previous Act

The Ordinance also extends the period of repayment of loans from 10 to 15 years

Loan Applications up to September 30 1952 are as follows —

State of origin of applicants	Applications received	Applications disposed of	Applications sanctioned	In rupees	
				Amount sanctioned	Amount paid
Bahawalpur State	958	492	194	16 39,700	6,85,502
Baluchistan	897	579	193	15 90,500	7,91,256
East Pakistan	18 818	8,843	2,967	2,30 94,350	1,21,86,376
N W F P	4 261	1,734	597	47,79,800	28,23,981
Sind and Khairpur State	19,553	9,833	3,132	2,36,99,150	1,10,67,023
West Punjab	19 489	9 915	3,312	3,18,93,700	2,13,78,157
Others	1,695	250			
Total	65,671	31,646	10 395	8,66,97,200	4,89,02,295

The number of persons rehabilitated till the end of 1952 was 197 000

Till the end of September refugees from West Pakistan had received Rs 222 11 lakhs, and those from East Pakistan Rs 129 22 lakhs

LOANS BY STATE GOVERNMENTS

The following table shows the loans sanctioned and paid to displaced persons for resettlement in urban areas by the State Governments upto September 30 1952

State or agency	Loan sanctioned (in rupees)	Number of borrowers	Loan paid (In rupees)	Number of recipients
Ajmer	21,35,900	3 598	17 85,200	2,963
Bhopal	10,00 000	2 046	9,12 400	2,046
Bombay	1 44 73 300	21 488	1 20 50 100	20,161
Delhi	31 42 400	6 507	31,42 400	6,247
Himachal Pradesh	1 55 800	221	1 53 500	221
Kutch	1 59 800	426	1 59,800	426
Madhya Bharat	68 15,600	9 767	68 15,600	9,767
Madhya Pradesh	1 97 20 400	24 148	1 97,20,400	24,148
Madras	11 95 100	577	11,95,100	535
Mysore	3 80 800	365	2 56 900	288
PEPSU	42 18 200	12 221	42 18,200	12,221
PEPSU Development Board	5 35 000	1,261	5 35 000	1 261
Punjab	3 09 28 200	35,151	2 98,88 300	34,215
Rajasthan	89 35 400	11 277	89 45,800	10,456
Saurashtra	41 19,500	12 740	41,19,500	12,740
Uttar Pradesh	1,33 36 200	25 459	1,29 11 100	24,531
Vindhya Pradesh	20 15,600	2,750	19,74,900	2,732
Total	11,32 67,200	1,70,002	10,78,84,200	1,64,928

*

CHURCHES IN INDIA

Total No of Christians 8,157,765*, Roman Catholics 4,500,000†, Protestants 4,374,877‡

CATHOLIC CHURCH

The head of the Catholic Church in India is the Cardinal stationed in Bombay

India is divided into 15 Ecclesiastical Provinces or Archdioceses Agra, Bangalore, Bombay, Calcutta, Goa, Delhi, Simla, Ernakulam, Hyderabad, Madras, Mylapore, Madurai, Nagpur, Pondicherry, Ranchi, Trivandrum, Verapoly

Each Ecclesiastical Province is in its turn divided into a number of dioceses Thus Agra is divided into 6 dioceses, Bangalore into 3, Bombay into 3, Calcutta, 8, Delhi Simla, 2, Ernakulam 4, Hyderabad, 5 Madras Mylapore, 2, Madurai 2, Nagpur, 2, Pondicherry, 3, Ranchi, 2, Verapoly, 7

In all there are 49 dioceses

At the head of an Ecclesiastical Province or Archdiocese there is an Archbishop At the head of a diocese there is a Bishop

The names and addresses are given below

The Cardinal, His Eminence Valerian Gracias, D D, M Agg (*Archbishop's House, Bombay* 1)

Goa

Archbishop of Goa and Daman H E The Most Rev Dom Jose Vieira Alvernaz (*Patriarch of the East Indies, Paco Patriarcal, GOA*)

Ernakulam

Archbishop of Ernakulam The Most Rev Mar Augustine Kandathil (Archbishop's House, Ernakulam)

Bishop of Changanacherry The Rt Rev Dr Mathew Kavukatt, D D (Bishop's House Changanacherry, S India)

Bishop of Kottayam The Rt Rev Dr Thomas Tharayil, D D (Catholic Bishop's House, Kottayam, S India)

Bishop of Palai The Rt Rev Dr E Sebastian Vayalil (Bishop's House, Palai, S India)

Bishop of Trichur The Rt Rev Dr George Alapatt, Ph D, D D (R C Bishop's House, Trichur)

Trivandrum

Archbishop of Trivandrum The Rt Rev Mar G Benedict Varghese, OIC (Archbishop's House, Pattom, Trivandrum)

Bishop of Tiruvalla The Rt Rev Mar Severios, B A, D D (Bishop's House Little Flower Mount, Tiruvalla P O, Travancore Cochin)

Agra

Archbishop of Agra The Most Rev Dr E Vanni, O F M Cap (The Cathedral, Agra)

Coadjutor The Most Rev Bartholomew Evangelisti, O F M Cap (*Titular Archbishop of Brisi*)

Bishop of Ajmer The Rt Rev Dr Leo D'Mello, D D, (Bishop's House, Ajmer)

Bishop of Allahabad The Rt Rev L J Raymond, B A, D D, D C L, (Bishop's House, 32, Thornhill Road, Allahabad)

Bishop of Indore The Rt Rev Dr Francis Simons, S V D (Catholic Church, Indore)

Bishop of Lucknow The Rt Rev Dr Cornad de Vito, O F M Cap (St Joseph's Cathedral Hazratganj, Lucknow)

Prefect Apostolic of Gorakhpur The Rt Rev Mgr Jerome Malenfant, O F M Cap (R C Church, Gorakhpur)

Prefect Apostolic of Jhansi The Rt Rev Mgr F X Fenech, O F M Cap (52, Cantonments, Jhansi)

Bangalore

Archbishop of Bangalore The Most Rev Dr Thos Pothacamury, D D (Archbishop's House, 20, Miller's Road, Bangalore)

Bishop of Bellary The Rt Rev Dr John Hogan, O F M (Bishop's House, Bellary Fort)

Bishop of Mangalore The Rt Rev Victor R Fernandes D D, (Bishop's House, Kodiyalbail, Mangalore 3)

Coadjutor The Rt Rev Dr Basil Peres, D D (*Titular Bishop of Girapa*)

Bishop of Mysore The Rt Rev Dr R Lenga D D (Bishop's House, Mysore)

Bombay

Archbishop of Bombay His Eminence Valerian Cardinal Gracias, D D, M Agg (Archbishop's House, Bombay 1)

Bishop of Ahmedabad The Rt Rev Dr Edwin Pinto, S J, D D (Bishop's House, Dr Tankaria Road, Ahmedabad 1)

Bishop of Belgaum The Rt Rev Dr M J Rodrigues, D D (St Paul's High School, Belgaum)

Bishop of Poona The Rt Rev Dr Andrew D'Souza, D D (Bishop's House, Poona 1)

Calcutta

Archbishop of Calcutta The Most Rev Dr F Perier, S J, D D (Archbishop's House, 32, Park Street, Calcutta 16)

Bishop of Dibrugarh The Rt Rev Dr O Marengo, S D B, D D (Bishop's House, Dibrugarh)

Bishop of Jalpaiguri The Rt Rev Dr Ambrose Galbiati, D D (Catholic Church, Dumanpur, P O Alipurduar Junction)

Bishop of Krishnagar The Rt Rev Dr Louis L R Morrow S D B (Bishop's House, Krishnagar City W Bengal)

Bishop of Patna The Rt Rev Dr A E Wilder muth S J, D D (Bishop's House, P O Bankipore, Patna 4)

Bishop of Shillong The Rt Rev Dr Stephen Ferrando, S D B, D D (Bishop's House, Shillong)

Prefect Apostolic of Haflong The Rt Rev Mgr G Green, C S C (Vandaville Bungalow, Haflong Hill, Cachar Dist)

Prefect Apostolic of Malda The Rt Rev Mgr Adam Grassi (Catholic Mission, Rajibpur P O, Gangarampur, W Dinajpur)

Prefect Apostolic of Sikkim The Rt Rev Mgr A Gimora, C R (St Augustine's, Kalimpong)

Delhi-Simla

Archbishop of Delhi and Simla The Most Rev Dr J Fernandes, D D (Archbishop's House, New Delhi 1)

Prefect Apostolic of Jammu Kashmir The Rt Rev Mgr George Shanks (Catholic Church, Hotel Road, Srinagar)

Prefect Apostolic of Jullundur The Rt Rev Mgr Alban Swarbrick O F M Cap, (Catholic Church, The Mall, Jullundur Cantt, Punjab (I))

Hyderabad

Archbishop of Hyderabad The Most Rev Dr Mark Gopu D D (Archbishop's House, 31/1, Alexandra Road, Secundrabad Deccan)

Bishop of Guntur The Rt Rev Dr Ignatius Mummadi, D D (Bishop's House, P O Box 39, Guntur)

Bishop of Nellore The Rt Rev William Boutet D D (Bishop's House, Nellore)

Bishop of Vijayawada The Rt Rev Dr Ambrose De Battista, D D (Bishop's House Vijayawada)

Bishop of Vishakapatnam The Rt Rev Dr J Baud, M S F S, D D (Bishop's House, Maharanipet P O, Visakhapatnam Dist)

Bishop of Warangal The Rt Rev Dr Alphonsus Beretta, D D (Bishop's House, Fatima nagar, Kazipet, Hyderabad)

Madurai

Archbishop of Madurai The Most Rev Dr J P Leonard, S J, D D (R C Archbishop's House, Kosakulam, Pudur, Madurai City)

Bishop of Tiruchirapalli The Rt Rev Dr Jacob Mendonca, D D (Bishop's House, Catholic Mission Tiruchirapalli)

Bishop of Tuticorin The Rt Rev Dr Thomas Fernando, D D (Bishop's House, Tuticorin)

Madras-Mylapore

Archbishop of Madras Mylapore The Most Rev Dr L Mathias, S D B, D D (Archbishop's House, Kingsford, Chetpet, Madras 10)

Auxiliary The Rt Rev Dr F A Carvalho, D D (*Titular Bishop of Demetriade*)

Bishop of Coimbatore The Rt Rev Dr M Savarimuthu, D D (Bishop's House, Coimbatore)

Bishop of Vellore The Rt Rev Dr P Mariaselvam, S D B, D D (Bishop's House, Vellore)

Nagpur

Archbishop of Nagpur The Most Rev Dr Eugene D'Souza, M S F S (Catholic Cathedral, Nagpur 1)

Bishop of Raigarh Ambikapur The Rt Rev Dr Oscar Sevrin, S J, D D (Catholic Church Ginabahar, Kunkuri *via* Jashpurnagar, Dt Raigarh)

Prefect Apostolic of Jabalpur The Rt Rev Mgr C Dubbelman O (The Prefecture Apostolic, 46, Queen's Road, Jabalpur)

Pondicherry

Archbishop of Pondicherry The Most Rev Dr A S Colas, D D (Archbishop's House, Pondicherry)

Auxiliary The Rt Rev Dr R Ambrose, D D (*Titular Bishop of Sidon*)

Bishop of Kumbakonam The Rt Rev Dr Peter Francis, D D (Bishop's House, Kumbakonam)

Bishop of Salem The Rt Rev Dr V S Selvanather, D D (Bishop's House, P O Box 53, Salem)

Bishop of Tanjore The Rt Rev Dr R A Sundaram, D D (Bishop's House, P O Box 25, Tanjore)

Ranchi

Archbishop of Ranchi The Most Rev Dr N Kujur, S J, D D (St Albert's Seminary, P O Box 5, Ranchi)

Bishop of Cuttack The Rt Rev Dr P Lobaro C M, D D (Catholic Church Cuttack)

Bishop of Sambalpur The Rt Rev Dr Herman Westermann, S V D (Catholic Church, Kalunga, Orissa)

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* Worked out from figures for States in the 1951 census reports

† Figure given by the Cardinal's office in Bombay

‡ Figure given by the Executive Secretary, Evangelical Fellowship of India

Verapoly

Archbishop of Verapoly The Most Rev Dr J Attipetty, Ph D, D D (Latin Archbishop's House Ernakulam)

Bishop of Alleppey The Rt Rev Dr Michael Arattukulam, D D (Bishop's House, Alleppey)

Bishop of Calicut The Rt Rev Dr A M Patroni S J, D D (Bishop's House, Mala paramba, Calicut 6)

Bishop of Cochin The Rt Rev Dr Alexander Edezhath, D D (Bishop's House, Fort, Cochin)

Bishop of Kottar The Rt Rev Dr F R Agni swamy, S J, D D (Bishop's House Nagercoil)

Bishop of Quilon The Rt Rev Dr Jerome Fernandez, D D (Bishop's House, Quilon)

Bishop of Trivandrum (Latin) The Rt Rev Dr Vincent V Dereere, O C D (Bishop's House, Vellayambalam, Trivandrum, S I)

Bishop of Vijayapuram The Rt Rev Dr Ambrose Abasolo O C D D D (Bishop's House, Good Shepherd's, Kottayam)

PROTESTANT CHURCHES

Below are given particulars about Protestant churches in India which may be of interest

Number of towns and villages where there are Protestant churches or mission stations, over 4,000, Number of towns and villages where there are worshipping groups of Protestant Christians, 25 000, Number of ordained ministers about 3,000, Number of lay evangelistic workers in the employ of Protestant Christian agencies, over 12,000 Total No of foreign Protestant workers 4 377 Total No of Protestant national workers, 47,814

Percentage of literacy for Protestants 21 5 (1941 Census) Number of languages in which the scriptures (Protestant version) are available either wholly or in part, 82, Number of languages in which it is not so available 55

Number of Protestant Christian colleges, 43, Total No of students 22,278, Number of high schools 383, Industrial schools, 92 Middle schools, 541 Hospitals 277 Dispensaries 278, Leprosy institutions 70 Tuberculosis sanatoria, 12, Homes for the blind, deaf, 9, Homes for women 34 Orphanages 128, Social and welfare organizations 128 Total No of Protestant Christian institutions 2 428

Church of India, Burma and Ceylon

(Bishop's House 51 Chowringhee Road, Calcutta 16)

The Metropolitan and Bishop of Calcutta A N Mukerjee

There are 11 dioceses each under a diocesan bishop 1 Andamans and Nicobars (Bishop's House, Car Nicobar), 2 Assam (Bishop's House, Dibrugarh), 3 Bhagalpur (Bishop's House, Champanagar Bhagalpur Bihar), 4 Bombay (St John's House, Colaba, Bombay 5) 5 Calcutta (Bishop's House 51, Chowringhee Road, Calcutta 16), 6 Chota Nagpur (Bishop's Lodge, Ranchi) 7 Delhi (1, Church Lane, New Delhi), 8 Lucknow (Bishop's House, 11, Mahatma Gandhi Marg, Allahabad), 9 Nagpur (Cathedral House, Nagpur) 10 Nasik (Bombay State) 11 Nandyal (Commissary and Vicar General, Nandyal, Kurnool District) Total No of Anglican Christians, 2,69,500

Baptist Churches

Baptist Union of North India 13, Ludlow Castle Road Delhi Total Christian Community 8,550

Bengal Baptist Union 95 A, Elliot Road, Calcutta

Bengal Orissa Baptist Yearly Meeting Balasore Orissa Number of Members 3,709

Garo Baptist Union Gauhati, Kamrup Dt, Assam

Convention of the Telugu Baptist Churches Picket, Secunderabad

Goalpara Boro Baptist Union Bengtol P O, via Bongaigaon, Goalpara Dt, Assam

North Goalpara Garo Baptist Union Bongaigaon Dt Goalpara, Assam

Tripura State Baptist Christian Assembly Christian Nagar, Agartala, Tripura State

Convention of the Baptist Churches of the Northern Circars Ayamgadda, Krishna Dt

Tamil Baptist Churches Kilpauk, Madras

Telugu Mennonite Brethren Convention Devara konda, Deccan Communicant membership 15,000

Utkal Baptist Central Church Council Mission Road, Cuttack

The Church of South India

(Diocesan Office, Cathedral P O, Madras 6)

Moderator and Bishop of Madras Most Rev A M Hollis

Dy Moderator Rt Rev F Whittaker (Bishop's House, Old Lancer Lines, Secunderabad)

There are 13 dioceses, each under a diocesan bishop 1 Coimbatore, 2 Dornakal (Hyderabad) 3 Krishna (Bishop's House, Eluru, West Godavari) 4 Madras (Diocesan Office, Cathedral P O Madras 6), 5 Madurai Ramnad (Bishop's House Tallakulam P O, Madurai), 6 Medak (Bishop's House Medak Deccan) 7 Mysore (Bishop's Lodge 2 Mission Road Bangalore 2) 8 North Kerala (College Road, Calicut) 9 Rayalaseema (Cuddapah) 10 Tirunelveli (Bishop town, Palamcottah), 11 Travancore Central (Bishop's House Kottayam), 12 Travancore South (London Mission Compound Trivandrum), 13 Tiruchirapalli Tanjore (48, Puthur High Street, Tiruchirapalli)

Lutheran Churches

(Tranquebar, Tanjore District)

Andhra Evangelical Lutheran Church P O Box No 2 Guntur, Andhra Total membership 2 31,766

Arcot Lutheran Church Ulundurpet, S Arcot

Evangelical Lutheran Church in Madhya Pradesh Sagar, M P

Evangelical Lutheran Church in East Jeypore Gunupur, Koraput Dt, Orissa

Gossner Evangelical Lutheran Church Ranchi, Bihar

India Evangelical Lutheran Church Vaniyambadi N Arcot

Jeypore Evangelical Lutheran Church Koraput, Orissa No of Christians 29,243

South Andhra Lutheran Church Kalahasti, Chittoor Dt, Andhra Baptized membership 11,000

Tamil Evangelical Lutheran Church Tranquebar House, Tiruchirapalli Total membership 535,758

Methodist Churches

Methodist Church in North India Ranigan, Burdwan, W Bengal

Methodist Church in Southern Asia 9, Eyyabar Road, Lucknow

There are four presiding Bishops, at Delhi (12, Boulevard Road), Hyderabad, Lucknow (37, Cantonment Road), and Bombay (P O Byculla)

The conference areas are Bombay (Robinson Memorial Byculla) Calcutta (13, Wellington Square Calcutta 13) Delhi (Mathura, U P) Gujarat (Baroda), Hyderabad (Methodist Boys School), Lucknow (Centennial High School) Madhya Pradesh (Leonard Theological College Jabalpur), North India (Bareilly), South India (Methodist Mission, Gulburga, Hyderabad)

Total Christian community 4,66,123

Wesleyan Methodist Church Dhagadmar via Pardi, Surat Dt

Syrian Churches

Chaldean Syrian Church Trichur Cochin Communicant members about 10 000

Mar Thoma Syrian Church Sabha Office, Tiruvella, Travancore

Metropolitan Metropolitan's House, Tiruvella

Suffragan Metropolitan Kallalayam, Ayroor, Travancore

Total membership 2,00 000

Orthodox Syrian Church Old Seminary, Kottayam, Travancore Strength 4,00,000

Malabar Independent Syrian Church Thozhiyoor, Kottapadi P O Malabar

Malankara Syrian Knanaya Diocese Mar Ephraim Seminary, Chingavanam A O, Kottayam

Population 27,000

Malankara Jacobite Syrian Church Trikkunnathu Seminary, Alwaye, Travancore

Apostolic Legation of the Holy See of Antioch in Malabar Omalloor, Kaipatoor P O, Travancore

United Churches

United Basel Mission Church in India Ullal, South Kanara

United Church of Northern India Mission House, Mhow, M B

Moderator The Rt Rev J Kellock, Wilson College, Bombay 7

There are 6 Synods Assam (Welsh Mission, Shillong), Bengal and Bihar (16, Elgin Road, Calcutta 20) Gujarat, Rajasthan and Mid India (Civil Lines, Ajmer) Maharashtra (St Paul's Manse, Bhandara, M P), North India (Mission House, Chibramau, Farrukabad Dt, U P), Punjab (126 A, Staff Road, Ambala Cantt, Punjab)

Miscellaneous

Assemblies of God Uska Bazar, N E Rly, U P, Punalur, Travancore Cochin Kunnlyamuthur, Coimbatore, Ashti, Beed Dt, Hyderabad

Churches of Christ Nawa Bhandaria, Palamau Dt, Bihar, Baramati, Poona Dt

Church of God Mountain View, Chapel Road, Shillong, Cuttack, Chengannur, Travancore-Cochin, Dondaiche, West Khandesh, Bombay.

*

MISSIONS IN INDIA

BELOW we give short notes on a number of missions working in India

BAPTIST SOCIETIES

Baptist Missionary Society of Great Britain —Formed in 1792, operates mainly in both Bengals, Bihar, Orissa, Uttar Pradesh, the Punjab (India) The Baptist Zenana Mission and the Bible Translation Society have been united with the Society There are 158 Missionaries and 886 Indian workers Connected with the Society are 563 Indian Churches, 147 Day and Boarding Schools and 3 Theological Training Colleges The Church membership at the close of 1952 stood at 34,924 and the Christian community at 82,103

Educational Work ranges from Primary School to Colleges Serampore College with its Royal Charter granted by His Danish Majesty in 1827, and confirmed by the British Government in the Treaty of Purchase of the Settlement of Serampore in 1845, grants Theological Degrees to qualified students of all Churches In Arts and Science the College prepares for the Calcutta University Examinations

There is a vernacular institute also at Cuttack for the training of Indian preachers and Bible schools in several centres

There are 10 purely English Baptist Churches connected with the Society Medical work connected with the Society is carried on in 7 Hospitals Two large Printing Presses for both English and Vernacular work are conducted at Calcutta and Cuttack The Secretary of the Mission is the Rev D Scott Wells, 44, Lower Circular Road Calcutta, 16

The Headquarters of the Mission are at 93 95 Gloucester Place, London, W 1 The total expenditure of the Society for 1952 amounted to £303,628 of which £115,703 was expended in India, Pakistan and Ceylon

Canadian Baptist Mission —Was commenced in 1873, and is located in the Telugu and Oriya Country to the north of Madras, in the Kistna, Godavari, Vizagapatam, Srikakulam and Ganjam Districts There are 20 stations and 535 out stations with a staff of 85 missionaries including 8 qualified physicians, and 1,250 Indian workers, with Gospel preaching in 1,659 villages Organised Churches number 182, communicants 36,000 and adherents 45,000 for the past year In the Educational department are 415 village day schools, with 19,000 children, 12 boarding schools, 2 High schools, 2 Normal Training schools, a Bible Training School for Women, a Theological Seminary providing in all for 5,850 pupils There are 6 hospitals, two leper asylums and an orphanage Village Evangelisation is the central feature of the Mission, and stress is laid upon the work amongst women and children *Field Secretary* The Rev E J Church, B A , Yellamanchili, Vizag District

American Baptist Assam Mission —Was opened in 1836, and has 11 main stations staffed by about 48 missionaries There are about 850 native workers, 1,600 organized churches, about 120,000 baptized members, 500 schools of all grades including 4 High, 1 Normal Training, 5 Bible and 9 station schools There are 4 hospitals and 7 dispensaries which treated about 4,500 in patients and about 23,200 out-patients yearly Mission work is carried on in 16 languages

Treasurer —Miss M G Burnham

Field Secretary —Rev A F Merrill, Gauhati

American Baptist Bengal-Orissa Mission —Commenced in 1836 Area of occupation Midnapore district of W Bengal, Balasore District in Orissa and Singhbhum District in Bihar Work chiefly for Oriya and Santal peoples *Address* Kharagpur

Secretary Rev C C Roadarmel, 435, Fourth Avenue, Kharagpur (W Bengal)

Australian Baptist Foreign Mission.— (Incorporated) Embracing the societies representing the Baptist Churches of the States of the Australian Commonwealth The field of operations is in East Bengal and Assam The staff numbers 39 Australian workers There are 7,720 communicants and a Christian community of 13 500

Secretary, Field Council The Rev N P Andersen, Mission House, Brisiri, P O Hatshibganj, Dist Mymensingh, E Bengal, Pakistan

Strict Baptist Mission —Has 19 European Missionaries, and 249 Indian workers in Madras, Chingleput, Salem Ramnad and Tirunelveli Districts Communicants number 2 126, organised churches 62, Day and Sunday schools 110 with 3,651 pupils

Secretary Rev D A Thrower Paniadipatti, Ellarampatti Post Satur, S R *Treasurer* Rev G F Champion, Kovilpatti, Southern Rly

PRESBYTERIAN SOCIETIES

Irish Presbyterian Church Mission — Operates in Gujarat and Saurashtra with a staff of 38 Missionaries, of whom 18 are Clerical 11 Educationalists, 5 Doctors and 4 Nurses The Indian staff numbers 410, of whom 15 are Pastors 85 Evangelists, 40 Biblewomen, and 270 Teachers There are 25 Organised Churches, a communicant roll of 4,217, and a Christian Community of 11,527

In Medical work there are 5 Hospitals including one at Dohad and several Dispensaries, with 4 969 in patients, 22,846 new cases, and a total attendance of 70 994

The Mission conducts 3 High Schools, 1 Anglo Vernacular School, 1 Preparatory School at Parantij and 55 Vernacular schools affording tuition for 6 962 pupils also 1 creche, 4 Orphanages, an Industrial School at Borsad, a Teachers Training College for Women at Borsad, co operates in a United Divinity College at Baroda, and has a Mission Press at Surat

The Jungle Tribes Mission with 4 Missionaries is a part of the activities of the above, working in the Panch Mahals Dist and the former Rewa-Kantha areas, with Farm Colonies attached

Secretary J C Watson, Mission House, Borsad Kaira Dist

United Presbyterian Church of North America —The Sialkot Mission of this Church was established at Sialkot in the Punjab in 1855 It is now carrying on work in one civil district in India and ten in Pakistan Its missionaries number 88 Its educational work comprises one Theological Seminary, one Bible Women s Training School, one College, 2 Normal Schools 6 High Schools, one Industrial school, 9 Middle schools and 61 Primary schools The enrolment in all schools in 1952 was 12,045 Medical work is carried on through 4 Hospitals and 16 Dispensaries The communicant membership of the Church established is 52,000 and the total Christian community 126,000

General Secretary Rev Harris I Stewart, D D , American U P Mission, Gujranwala

American Presbyterian Mission —Operates in four main sections, known as the Punjab (1834), North India (1836) Western India (1870) Missions, and Pakistan (1950) Missions According to up-to date available statistics the American staff, including women and special term Missionaries number 235, and the Indian staff about 1,200 There are 33 main stations and 200 out stations Organised churches number about 132 of which 42 are entirely self supporting There are 26,000 communicants and a total baptised community of about 110,000

There are three men s colleges including a University College, and interest in Baring College Batala and in the Isabella Thoburn and Kinnaird Colleges for Women,—students about 4,000 There is one Theological College at Saharanpur with about 35 students on its roll, and interest in Poona and Jabalpur Theological Colleges and Gujranwala (Pakistan) Seminaries there are two Training Schools for Village Workers, 19 High Schools, one Industrial School six Teachers Training Schools, 109 Elementary Schools, 142 Schools of all grades,—pupils about 18,000

Medical Work —Miraj Medical School and interest in Ludhiana and Vellore Christian Medical Colleges, nine Hospitals, twenty one Dispensaries and four Specialty Hospitals

Evangelistic Work —275 Sunday Schools, with an average attendance of 6,600 pupils Contributions for this work, on the part of the national church amount to about Rs 57,000

The Hospital at Miraj is well known throughout the whole of South West India, and the Forman Christian College of Lahore, is equally well known and valued in Pakistan The Ewing Christian College (S S Gideon, Ph D Principal), Agricultural Institute (Dr A I Mosher Principal), Baring Christian College at Batala, Punjab (R M Chetsingh, Principal) and the United Christian Schools at Jullundur (the Rev G B Leeder Principal) have grown in strength and influence

Secretary of Council of A P Missions in India and Pakistan —The Rev H J Strickler, M A D D , Lowriston, Dehra Dun, U P

Secretary, North India Mission —The Rev C H Hazlett, Ed.D , A P Mission, Mainpuri, U P

Secretary, Punjab (India) Mission —The Rev C H Lochlin, A P Mission Amritsar

Secretary, Western India Mission —The Rev W H Lyon, A P Mission, Nipani, Belgaum Dist

Field Representative —The Rev John B Weir, Ph D , D D , Lowriston, Dehra Dun, U P

New Zealand Presbyterian Mission — Commenced as recently as 1910 at Jagadhri, Ambala Dist , Punjab It also works in Kharar

United Church of Canada Mission — Commenced in 1877 has 11 main stations in Madhya Bharat and Southern Rajasthan including Indore, Ratlam, Dhar, Sitamau and Banswara The Mission staff numbers 69 Canadians and there are in addition about 200 Indian associate workers The Evangelistic work of the Mission has been handed over to the Malwa Church Council of the United Church of Northern India which administers the work through an Executive Board composed of both Indian and missionary members There are 48 organised churches, Communicants 4 102 Baptised non communicants 19 744 , Unbaptised adherents 3,282 , Total Christian Community 27,128

Educational work comprises Elementary and Middle Schools for boys and girls , High Schools for boys and girls, an Arts College for students of both sexes (The Indore Christian College) and a Vocational High School for boys where training is provided in printing, tailoring, carpentry and welding

There are three General Hospitals where both men and women are treated, and five Women s Hospitals and also a number of dispensaries in central and out stations

General Secretary of the Mission —The Rev R M Clark, M A , B D , D Th , Ratlam, Madhya Bharat

Associate Secretary —Miss A B Munns, B A , Kharna, Madhya Bharat

Secretary of Malwa Church Council —Rev A A Jeremy, Neemuch, Madhya Bharat

Canadian Presbyterian Mission —Operates in two sections, the Northern Section with headquarters at Jhansi in U P , and the Central India Section, known as the Bhil Field in the southern corner of Madhya Bharat

In Central India the Mission comprises within its area Alirajpur Barwani, Jobat and Kathiawar also parts of Jhabua, Chhota Udaipur (in Bombay State) and Dhar Indore and Gwalior bordering on the Jobat Barwani Road The five central stations are Amkhut, Mendha and Alirajpur located in Alirajpur, Jobat and Barwani The staff consists of 22 missionaries and 50 Indian workers There are several elementary schools in the area and a central Anglo Vernacular School at Amkhut in which upwards of 300 children are being educated At Amkhut also there is a Children's Nursery Home At Jobat there is a General 60 bed Hospital with a British Medical man, Dr Draper in charge

There are in the district 7 organized and 2 unorganized congregations with a Communicant membership of 450 and a baptised community of slightly over 1 500

Secretary Miss Ellen Douglas, Amkhut, *via* Dohad Madhya Bharat

Secretary, Bhil Field Mission —Miss I Williamson Amkhut *via* Dohad, Madhya Bharat

The Jhansi Section was founded by the late Dr J Wilkie in 1904 There is now a staff of 6 missionaries and 25 Indian workers who are engaged in Jhansi city Datia, Gwalior and Man Ranipur and in the out stations of Isagarh, Babina Barwasagar and Chirgaon

Activities include a Higher Secondary School for Girls, a Bible School and a dispensary There is an agricultural settlement at Isagarh

There are two organised churches and several unorganised groups of Christians with a total communicant membership of 305

Secretary —A MacKay C P Mission, Jhansi U P

Welsh Calvinistic Methodist (Presbyterian) Mission Established in 1840 occupies stations in Assam in the Khasi and Jaintia Hills, the Lushai Hills and at Sylhet (Pakistan) and Cachar The Khasi language has been reduced to writing, the Bible translated, and many books published in that language by the Mission A large amount of literature has also been produced in the Lushai language Total in the Church 183,884 Well equipped hospitals at Shillong (Khasi Hills), Jowai (Jaintia Hills) and Durtlang (Lushai Hills) provide medical, surgical and nursing aid to large numbers annually

Primary, Middle and High School education is carried on widely in Assam A Theological College and a Department for Teachers training are maintained at Cherrapunji, Khasi Hills

Field Secretaries —Rev G H Morgan, Maulvi Bazar, Dist S Sylhet, E Pakistan, I M Thomas, Shillong, Assam, India

CONGREGATIONAL SOCIETIES

American Board of Commissioners for Foreign Missions —The American Marathi Mission of this Board operates in Western India Founded in 1813 it is the oldest American Mission in India In 1950 it included 24 missionaries and 387 Indian workers operating in 9 stations and 140 out stations There were 54 churches with 6,329 communicants Besides conducting a college with 521 students and 5 secondary and training schools with 1,176 pupils the Mission has a large share in various union educational enterprises There are 35 primary schools and 3 kinder gartens with a total of 2,904 pupils Its 3 hospitals and dispensaries treated a total of 21,160 patients The Mission has a total of 6 major social service centres with 21 full time and 19 part time workers During 1949 these Centres had a total activity attendance of 276,983 At Ahmednagar is the pioneer non-profit making Sisal Fibre Industry employing an average of 56 women *Secretary* Rev R W Fairbank M A, B D, Hartland Bungalow, Sholapur

American Mathurai Mission (of the American Board of Commissioners for Foreign Missions), Church of South India.—Mathurai Ramnad Diocese—*Bishop*—Rt Rev J E L Newbigin, Mathurai *Manager, Trade School*—Rev Chas Heineman Pasumalai *Principal, Theological Seminary*—Rev A Samuel, Pasumalai *Medical Officer*, Pierce Hospital, Hospital for Women and Children—Dr H S Thomas Mathurai *Correspondent, Pasumalai High School*—S J Savariravan *Headmaster, Pasumalai High School*—A Michael Ponnusamy *Correspondent and Headmaster, Pasumalai Training School*—I Sam Benjamin *Correspondent Pierce High School*—Miss Katie Wilcox *Headmistress, Pierce High School*—Miss M Devaraj *Correspondent, Capron Hall Training School*—Miss P Paranjothi *Correspondent Basic Training School*—Lloyd Lorbeer *Headmaster, Basic Training School*—A Venkataswamy *Manager* Rachanyapuram —Miss Inez Bosenquet Tallakulam *Manager and Correspondent*, A C High School Tallakulam —Rev Panhaj Thomas Tirumangalam *Principal*, American College—S J Savariravan, Tallakulam *Secretary*, Mission—L L Lotbeer, Pasumalai

Evangelical Alliance Mission.—The mission staff in Khandesh and Nasik is represented by 80 missionaries and 90 Indian workers There are 1 403 Church members and 2 456 pupils in Sunday Schools 40 elementary Schools provide for 1,198 pupils There is one mission hospital located at Chinchpada, West Khandesh This hospital and several dispensaries have treated and cared for over 65,396 yearly

Western India Headquarters —Amalner, East Khandesh

Chairman —Rev O E Meberg, Amalner, East Khandesh

Secretary —Rev F Wallin, Navapur, W Khandesh

London Missionary Society —Commenced work in India in 1798 and occupies 3 centres in N India, 12 in S India and 7 in the United State of Travancore and Cochin The Mission engages in every form of Missionary activity

The main centres of the Mission in N India are at Calcutta and Murshidabad District, W Bengal The S India district and Travancore are divided into Kanarese, Telugu, Tamil and Malayalam fields with 22 stations and 1,095 out stations At Nagercoil (Travancore) is the Scott Christian College with about 900 students, a church and congregation said to be the largest in India and a printing press

The Society is also connected as a contributing body with a number of Union Institutions, including 6 High Schools and 8 Colleges

India—Field Representative, L M S — Rev H C Lefever, B D, Ph D, 18, Lavelle Road, Bangalore

Bengal Secretary - Rev F W Whyte, London Mission, 16, Elgin Road, Calcutta

LUTHERAN SOCIETIES

India Mission of The United Lutheran Church in America—founded 1842— commonly known as the United Lutheran Church Mission since October 1944, all departments of work under the Mission have been placed under the Andhra Evangelical Lutheran Church, Head quarters, Guntur

OFFICERS OF THE ULCM —*President* —E G Wood D D, Narasaraopet, Luthergiri, Rajah mundry *Vice President* - Rev W P Pury, Luthergiri, Rajahmundry, *Secretary* – Miss Sara Snyder, R U, Chirala, *Treasurer* —J H Moore, Guntur

The Andhra Evangelical Lutheran Church was reorganized in the year 1927 and it carries on the work in Srikakulam, East Godavari, West Godavari, Krishna, Guntur, Nellore and Kurnool Districts all in Madras State as follows:

The Andhra Christian College, Guntur, four High Schools for Boys, three for Girls, two Normal Training Schools for Masters, and two for Mistresses, a Theological College, three Bible Training Schools, two Industrial Homes for Women, one Industrial School and one Agricultural School for Men, 21 Higher Elementary Schools, 769 Elementary Schools, 7 Hospitals, 3 Nurses Training Schools, A School for the Blind, a Tuberculosis Sanatorium, a Printing Press, Public Reading Room and Hostels for College Students both men and women

The Executive Council which represents both the Mission and the Church with a membership of 17 Missionary and 17 Indians, is the supreme Executive Body of the Church and meets quarterly The Church functions through 11 Boards known as —Board of Finance, Board of Inter-Synodical Relations, Board of Evangelism and Missions, Board of Christian Education, Board of Andhra Christian College Board of Secondary Education, Board of Elementary Education, Board of Publication, Board of Medical Work, Board of Industrial Work, Board of Visrantipuram Sanatorium

Officers of the Church —*President* —Rev A N Gopal M A, B D, P Box 2, Guntur, *Vice-President* —Dr Henry H Moyer, Bhimavaram, *Secretary* – M Devasahayam B A, B Ed, B D, *Treasurer* —J H Moore, Box 36, Guntur

Statistics —Foreign Staff 58, Indian Staff of all grades 4 441, Schools 819, Pupils 72,368, Baptised membership of the Church 239,868, Congregations 2 133, Indian Ordained pastors 129, Evangelistic workers 795, School teachers 2,759, Total expenditures on all phases of work Rs 60,18,249

Evangelical National Missionary Society of Stockholm, Sweden —A Church of Sweden Society founded in 1856 occupies the Districts of Sagar Betul, Chhindwara and Tahsil of Baikunthpur in Surguja Dist in Madhya Pradesh

There are about 4,000 Church members constituted into an indigenous Church called the Evangelical Lutheran Church of Madhya Pradesh The European and Indian staff numbers 20 and 196 respectively There are two Training Schools for Indian workers and 26 Primary Hindi Middle and Indian English Middle schools, 35 Sunday schools with 633 Christian and 1,170 non Christian attending, 3 Hospitals with 60 beds and 8,842 patients and 689 operations during 1951, 10 Dispensaries with 70,077 patients during 1951, 4 Workshops, one Women's Industrial School, one Widows' Home with 36 women, 2 orphanages, 2 Boys' Boarding Schools and 1 Girls Boarding School with 171 boys and 227 girls and 3 farms where modern village uplift is attempted

President —Rev E Raman, Sagar, Madhya Pradesh

Basel Evangelical Mission.—(Incorporated in Switzerland), with its headquarters in Mangalore, South Kanara, was founded in 1834 and is at present carrying on work in South Kanara, South Mahrashtra Malabar and Coorg It had at the beginning of 1953, a total missionary staff of 25 European workers The membership of the churches is 30,000 Educational work embraces 100 schools, among which are a Theological Seminary, a second grade college and 9 high schools The total number of scholars is 25,000 Medical work is done at Betgeri Gadag, South Mahrashtra Country and at Udipi, South Kanara At both places a hospital for men and women is maintained, The Mission maintains a Home Industrial Department for women's work There is also connected with the Mission a large Publishing Department with a Book Shop and a Printing Press, with about 100 workers, at Mangalore, S Kanara, which is doing work in English and in a number of Indian languages

President and Secretary —Rev J Rossel, Mangalore, South Kanara

Federation of Evangelical Lutheran Churches in India was established in 1926 as an outward expression of the spiritual unity of the Lutheran Churches in India. It consists of 10 constituent churches and 3 co-operating Missions in India with a total membership of over 550,000 The work of the Federation is carried on by the Triennial Conference of the Federation, by its Executive Council, by a number of standing and special Committees and by its office bearers It was registered under the Societies Registration Act (Act XXI of 1860) in October 1942 Including the members of one Lutheran Mission in South India, considering affiliation the Lutheran baptised membership in India is 550,000

The names of Officers for 1954 56 are as follows —

President —The Rev R B Manikam, Ph D, 'The Refuge', Royapuram, Madras 13

Vice President —The Rev E Raman, Sagor, M P

Secretary —The Rev A N Gopal, D D, Church Office Guntur (Andhra State)

Treasurer —The Rev H W Mayer, Renigunta, Chittoor Dist (Andhra State)

Mr Joseph H Moore, Guntur, is the liason officer between the Federation of Evangelical Lutheran Churches in India and the Lutheran World Federation to distribute financial assistance to Orphaned Missions and Churches coming from abroad

When necessary, the Officers of the Federation serve as Advisory Committee to this Financial Secretary and in case of emergency they have full powers to act

The Federation started in July 1953, a Theological College in Madras in which 8 of the constituent bodies are co operating

This institution is named as The Gurukul Lutheran Theological College and Research Institute and points its course of study to the granting of B D degree

A further aim is graded research in both Christian and non Christian religions against the Indian background

It has a governing council of 11 members and is established at Gurukul, Vepery High Road, Madras

Its Officers are

President —The Rev C W Oberdorfer, D D Gudur, Nellore Dist (Andhra)

Secretary and Principal of College —The Rev S Estborn, D D, Gurukul, Madras

Church of Sweden Mission was founded in 1874, but already earlier, Swedish missionaries were working in the Leipzig Evangelical Lutheran Mission (L E L M) From 1915, the C S M was responsible for the whole L E L M field, to which German missionaries were allowed to return only in 1927 From 1940, the German field was again managed by the C S M through a special committee upto 1950, when the whole work was merged into the Tamil Evangelical Lutheran Church (T E L C) Through the T E L C the C.S M operates in the Tiruchirapalli, Coimbatore, Mathurai and Ramnad Districts It maintains a general and eye hospital at Tirupattur, an eye hospital at Coimbatore, High schools for boys at Mathurai and Pudukkottai, High Schools for girls at Tanjore and Usilampatti, Higher Elementary and Secondary Training Schools at Tranquebar, the Theological College 'Gurukul' at Madras, and various Primary Schools Missionary staff 44

Field Secretary.—Rev B Fr Tillander, M A, B D, Coimbatore

Leipzig Evangelical Lutheran Mission.—The Lutheran Mission work in India was commenced in 1706 by German Missionaries under the Danish Tranquebar Mission It was taken up by the L E L.M. (founded in 1836) in 1841

The L E L M re-entered the work after the Great War in 1927 It is located in the Madras, Chingleput, South Arcot and Tanjore Districts The Mission co-operates with the Church of Sweden Mission and the Tamil Evangelical Lutheran Church The L E L M maintains two High Schools for boys at Madras and Shiyali (Tanjore Dt), one High School for girls at Tanjore, a number of Elementary Schools for boys and girls in different places, and various other institutions

Since 1950 the work of the L E L M has been merged in the Tamil Evangelical Lutheran Church

The organisation of the L E L M is looked after by a Field Secretary with headquarters in Sirkali, Tanjore District

Tamil Evangelical Lutheran Church.—Organised Churches (Pastorates) 54, Ordained Indian Ministers 56, other Indian workers 128, Baptized membership 50,152, Schools 188, Teaching staff 961, Pupils Boys 15,914, Girls 7,198

President —Rt Rev J Sandegren, M A, D D, C N O Bishop of Tranquebar, Tranquebar House', Tiruchirapalli, S India

Missouri Evangelical Lutheran India Mission (M.E.L.M) —Located in Madras State, Mysore, Travancore and Ceylon (1895)

In Madras State, Madras City, North Arcot (Ambur, Vaniyambadi, Pernambut), Salem (Krishnagiri, Hosur Bargur), Coimbatore (Kollegal), Tirunelveli (Vallioor Vadakangulam), Tanjore, Tiruchirapalli, Mathurai, Ramnad, Malabar (Waynad, Wandoor Charpalsheri) Districts

In Mysore (Kolar Gold Fields and Bangalore)

In The United State of Travancore and Cochin (Nagercoil, Trivandrum, Parasala, Balaramapuram, Aryanad, Nilamel, Alleppey, Shertallay, and Cochin)

In Ceylon (Colombo)

There are 33 American Missionaries, of which 2 (1 male and 1 female) are teachers in charge of school and home for children of missionaries (Kodaikanal), 3 Zenana workers, 2 nurses, 1 American doctor

There are 4 *High Schools*, 2 *Teachers' Training Institutions*, 1 Pastors' Training Institution, and 1 Hospital with 120 beds

Statistics, Nov 1, 1951 Christians 25,345, Indian Pastors 77, Evangelists 4, Catechists 130, M E L.I M Teachers 265, Non-Lutheran Teachers 38, Indian Doctors 2, Indian Nurses 10, Bible Women 18, Boarding Homes 12

General Secretary —The Rev M L Kretzmann, M A, Nagercoil, Travancore-Cochin

Arcot Lutheran Church—Established 1864 in South Arcot, working there and in North Arcot, on the Shervarol Hills, in Madras, has a total staff of 483 Indians and 30 European Workers, Communicants 5 562, Christian Community 11,201 two High Schools, 3 Boarding Schools, one Hostel, 70 Elementary Schools and two Hospitals, total scholars 8,563

President —The Rev P Wandall, Fort St. David, Cuddalore, S I

Treasurer —The Rev D Bitsch, 14, Rundall's Road, Vepery, Madras

Secretary —The Rev P Lange, 'Carmel', Tiruvannamalai

INTER-DENOMINATIONAL MISSIONS

Central Asian Mission.—Founded 1902, Head Office 39, Victoria Street, London, S W 1, Representatives Bandipur, Kashmir, G Ralph Moan, Kargil, Kashmir, M H Mazzoni

Stations at Bandipur and Kargil

Protestant, Evangelical, Inter denominational

12 European and colonial workers and 2 national workers

The Friends' Service Council —The Friends' Service Council works in Hoshangabad District besides Bhopal

The Church, which is composed of Monthly Meetings united in the Mid India Yearly Meeting, is largely organised on the lines of the Society of Friends in England

The principal activities are a general hospital with dispensary and nurses' training department, a Primary School and a High School at Itarsi, a boarding school for girls with Primary and Indian English Middle Departments at Sohagpur, a Home for older girls in Sohagpur where toys are made for sale, a Boys' Hostel at Itarsi for boys attending Middle and High school there The Council's work also covers two villages in the Seoni Tahsil of the Hoshangabad district in one of which, Makoriya, there is a Mission Farm stretching 300 acres for demonstrating methods of intensive farming and anti erosion work, and a Primary School

A Settlement is maintained at Rasulia near Hoshangabad a Centre of a Rural Development Co operative Society which is handling a large variety of goods, besides work of an educational and social nature is carried on Wardens, D G and E M Groom

There is also a Weavers' Co-operative Society at Khera, Itarsi, where cloth is made on handlooms

A 'Quaker Centre" at 24, Rajpur Road, Delhi, acts as a Christian Cultural Centre for the promotion of adult education and inter-communal harmony and as a meeting place for people interested in the international service of the Society of Friends

American Friends' Mission —With Missionaries working in Chhatarpur District, Hospital at Chhatarpur, Orphanage and Boys' High School at Nowgong Churches and Evangelistic work throughout the district

Superintendent Rev Everett L Cattell, Chhatarpur, Vindhya Pradesh

Old Church Hebrew Christian Mission was established in 1858, in Calcutta, and is the only Anglican Hebrew Christian Agency in India

Hon Secretary The Rev J L Hansen, 11, Mission Row Calcutta 1

LADIES' SOCIETIES

Zenana Bible and Medical Mission — This is an inter denominational society, with headquarters, 39 Ladbroke Grove London, W 11, working among women and girls in 5 stations in Bombay State, 6 in Uttar Pradesh, 2 in E Punjab, 2 in Bihar, 1 in Hyderabad State and 6 in W Pakistan There are 60 European Missionaries, and about 400 national workers—teachers, nurses, evangelists, etc The work includes the training of Indian and Pakistani women as evangelists, teachers, doctors, nurses, dispensers and midwives There are three Main hospitals at Nasik, Lucknow and Patna, High Schools at Bombay Lahore and Panchgani, a Blind School near Dehra Dun and City Schools of which those at Banaras are the largest At Lahore there is a University College and a teachers' training centre Evangelistic work is done in the villages and big cities Zenana visiting and literacy work are also stressed in rural areas

Hon Treasurer —Major Mainwaing Burton

President —The Lady Kinnaird

Secretary —A J Dain

Field Secretary —A E Norrish

Address in India —I M B O Office, 364, Hornby Road, Bombay

Missionary Settlement for University Women was founded in Bombay in 1896 Its work is religious, social and educational The Settlement supplies a hostel for University students of all nationalities The Settlement takes part in many of the organised activities for women's work in the city

Warden —Miss E Watts University Settlement, Reynolds Road, Byculla, Bombay 8

Staff —Miss D H Hunt, B A (London)

Ramabai Mukti Mission (affiliated with the Christian and Missionary Alliance Mission in 1925) the well-known work of the late Pandita Ramabai shelters about 700 deserted wives, widows and orphans, educating and fitting them to earn their living The Mission is worked on Indian lines and carried on by Indian and European workers Evangelistic work is carried on in the surrounding villages of Kedgaon Poona District

Secretary and Treasurer —Miss I I Craddock

MISCELLANEOUS

Christian and Missionary Alliance — Dates from the year 1892 under the name of the International Missionary Alliance, but a number of its missionaries were at work in the district of Berar much earlier Work is carried on in the areas of Berar Khandesh and Gujarat There is a staff of 60 missionaries and 150 Indian workers The number of mission stations is 18, with additional out stations There is a Christian community of 6,750 There are 4 boarding schools, two for boys and two for girls, 3 training schools for Indian workers There are 35 organized congregations, including one English at Bhusawal

Executive Secretary —The Rev R H Smith, Akola Berar Madhya Pradesh

Church of the Brethren (American) — Established in 1894 by American Missionaries and is found in Broach, Surat, Thana and Dangs Districts At present there are 43 American and 224 Indian personnel on the paid staff There is a total membership of 9,150 The major activities are educational, medical, evangelistic temperance, village uplift, co operative societies, etc There are 81 primary schools serving a total enrolment of 5,403 pupils There are 5 co educational boarding schools with separate hostel quarters A vocational training college including teachers training village trades, agriculture and carpentry and a school of practical arts for girls are located at Ankleswar There are two hospitals and four dispensaries with total yearly treatment of about 50 297

Secretaries —Wendell P Flory, Mission House, Bulsar, Surat District, P G Bhagat, Vocational Training College, Ankleswar, Broach District

Poona and Indian Village Mission.— Founded in 1893, Mission Stations —Poona City, Khed Shivapur Poona District Nasrapur and Bhor, Poona District, Lonand, M S M Rly, Satara District, Phaltan, Satara District, Pandharpur, Sholapur District Madha, Sholapur District, Dapoli, Khed, Ratnagiri District, Shetphal, Anjangaon, Yavale and Nandeshwar, Sholapur District

The Staff consists of 35 Europeans and 60 Indian workers, including hospital staff, with a community of about 600 Indian Christians and their families The main work is evangelising in the villages, women s zenana work, and primary education and a baby boys orphanage and Boys and Girls Boarding Schools Medical work with Hospital at Pandharpur Mission Headquarters, Villa Memoire, Irwin Road, Poona 2

Chairman —Major R P D Snow

Secretary —E K Pattemore

American Churches of God Mission — Has 3 missionaries at Bogra 3 at Khanjanpur, *Via* Jaypurhat, Bogra District, East Bengal (Pakistan), 3 at Ulubaria, Howrah District, West Bengal and one in Language Study

President —Miss E M Catlin Mission House Bogra, East Bengal (Pakistan)

Secretary —Miss Evelyn C Shuey, Mission House Ulubaria, Howrah Dist, West Bengal (India)

Anglican Evangelical Missionary Society — Established by the Government of India Act, XXI of 1860 The Society works in the villages of India and amongst the Indian Labour employed on Estates in Ceylon and Malaya Work commenced in Malaya in 1935 and in Ceylon in 1938 *British Headquarters* 15 Newburgh Road Acton London, W 3 England

General Secretary —The Right Rev Charles Leslie Saul, D D

President —The Most Rev J G Peters, M A, D Litt, D D, Archbishop of the Indies, Ambur, India *Address* —Archbishop s Residence Ambur, India

Church of the Nazarene Mission — Has its headquarters for India at Buldana, Berar, where it has a junior Bible School In Chikhli 14 miles from Buldana, there is a Co educational Boarding School with Secondary Departments and an enrolment of 325 At Basim, Berar 70 miles from Chikhli there is a Senior Bible School and the Reynolds Memorial Hospital—a hospital for women and children with 45 beds There is a primary boarding school at Dhad, 18 miles from Buldana and also a dispensary at Pusad 40 miles east of Basim At present there are 19 missionaries in India There is an organized Indian District Assembly with about 32 churches The Indian Staff of preachers and teachers number 75

Mission Chairman —Rev Leslie C Fritzlan, Chikhli, Berar, Madhya Pradesh

Indian Missionary Society, Tirunelveli (DORNAKAL AND THE HILL TRIBE MISSION) —Opened in 1903, operates in the Warangal District of Hyderabad State as well as among the hill tribes called Pallars in the Travancore Hills It is the missionary effort of the Christians living in India and overseas There are now nearly 19,000 Telugu Christians in 180 villages and 250 Paliyar Christians in the hills Annakkari in Travancore has become a well established colony of the hill tribes The nomads have begun to do agricultural work The Society publishes monthly *The Missionary Intelligencer* containing information about the Society s work in both the fields Headquarters Palamcottah

Secretary —Rev Joseph Abraham, Palamcottah

Mission to Lepers.—Founded in 1874 An inter denominational and international Society for the establishment and maintenance of Homes and Institutions for those suffering from leprosy and for their healthy children, working in 20 countries but largely in India, Burma, China and countries in Africa Its work in India is carried on through co-operation with about 80 Missionary Societies In India and Burma alone the Mission now has 31 Homes of its own with upwards of 7,600 inmates and is aiding or has some connection with work for leprosy patients at 24 other places in India Altogether in India and Burma over 10,000 cases of leprosy are being helped

The Mission also provides for the segregation from their parents of the healthy children of those suffering from leprosy More than 800 children are thus being saved from becoming infected

Most of the Mission's income is derived from voluntary contributions Some funds are raised in India and Burma but the bulk of the money expended by the Mission in India and Burma is received through Britain, although the State Governments give regular maintenance grants

There is an Indian Auxiliary of the Mission to Lepers of which the Hon Treasurers are— J W N Baldock, c/o Messrs Macneill & Co, 2, Fairlie Place, Calcutta and H F Milne, c/o Messrs Killick Industries, Ltd, Bombay

The General Secretary of the Mission is A Donald Miller, 7 Bloomsbury Square, London, W C I The Secretary for India is William Bailey, M A, Purulia (E R), Bihar

Regions beyond Missionary Union.— An inter denominational Mission commenced at Motihari, Bihar, in 1900 Works in the Champaran, Saran and Purnea Districts It has 35 European missionaries working in 7 stations and 3 outstations, and runs a hospital and a combined Girls Orphanage and Women s Home

Field Superintendent —Mr E W Oliver, Mission House, Motihari, Champaran Dist, Bihar

National Missionary Society of India — Established 1905, founded, financed and managed by Indian Christians, has a staff of 41 missionaries 200 other workers including volunteers, operates in Firozabad, Dist Agra Benaras Uttar Pradesh Haluaghat Mymensingh Dist, E Pakistan Rewa, Korea and Surguja in M P, Karwar, Ankola Kumta and Honavar, N Kanara Dist, Poona (Bombay State) Parkal, Nirmal (Hyderabad State) Puram Chandrapuram, Katteri, Jalarpet and Tirupattur, North Arcot Dist Dasarpuram (Tinnanur), Chingleput Dist, Madras State Kottayam in the United State of Travancore and Cochin, N M S of Ceylon affiliated to the N M S of India

The Society carries on social medical, educational, rural uplift, literacy and evangelistic work in 16 main centres in 10 language areas It is the largest, inter denominational All India Missionary Society, it has 36 Higher Elementary, Primary, Nursery and Night Schools, 1 High School, 1 Printing Press, 2 Hospitals, 2 Dispensaries and 2 Child Welfare Centres Annual expenditure including self supporting institutions Rs 1,30,435 The expenditure of institutions which are autonomous is not included in the budget

The Society has two monthly journals- *The National Missionary Intelligencer* in English and *Swadesa Missionary Sangha Deepika* in Tamil— subscriptions Re 1 and As 8 respectively—post free

The Office bearers for the present triennium 1950 1953 —

The Rt Rev S K Mondol Hyderabad (*President*) His Grace The Most Rev Juhanon Mar Thoma, Travancore, The Rt Rev Dr A J Appasamy, Coimbatore, the Rt Rev J Amritanand, Assam Rev J Lakra Ranchi and Dr H S Hensman (*Chairman*, Executive Committee), Madras (*Vice Presidents*) Gnana mani Solomon, Madras (*Hony Treasurer*), S Devaprasad, Madras (*Hony Office Secretary*), and S J Duraisamy (*General Secretary*)

The Society is controlled and directed by an All India Council consisting of representatives from Branches, State Committees and Churches from all over the country The Executive Committee which meets once a month in Madras is responsible for carrying on the administration of the Society subject to the approval of the Council

Address —N M S House, Royapettah Madras

Seventh-Day Adventist Mission —The Seventh day Adventists commenced mission work in India in 1893, and now employ a staff of 1,063 workers, European and Indian including 239 ordained and licensed ministers Evangelistic and educational work is conducted in 39 vernaculars, besides work for English speaking peoples in the larger cities For administrative purposes, there are seven branch organisations located as follows —

Seventh day Adventist Mission—Burma (Pastor C B Guild, Superintendent) *Office Address* 68, U Wisara Road, Rangoon, Burma

Seventh day Adventist Mission—North east India (Pastor D W Hunter, Superintendent) *Office Address* Karmatar, E R

Seventh day Adventist Mission—North-western India (Pastor A F Jessen, Superintendent) *Office Address* 16, Club Road, Byculla, Bombay 8

Seventh day Adventist Mission—South India (Pastor O O Mattison, Superintendent) *Office Address* 9 Cunningham Road, Bangalore

Seventh day Adventist Mission—West Pakistan (Pastor D S Johnson, Superintendent) *Office Address* 104, Wazir Ali Road, Lahore

Seventh day Adventist Mission—Ceylon (Pastor E A Crane, Superintendent) *Office Address* 7, Alfred House Gardens, Colombo 3

The general head-quarters for India, Pakistan, Burma and Ceylon is located at Salisbury Park, Poona R H Pierson, President, J F Ashlock, Secretary, M E Kemmerer, Treasurer (Office Address Post Box 15, Poona) On the same estate is an up to date publishing house devoted to the printing of health, temperance, evangelical and associated literature in 22 languages (Address Oriental Watchman Publishing House, Post Box 30, Poona)

16 vernacular and Anglo vernacular boarding schools and many elementary day schools are conducted in different parts of the country A senior college is maintained at Karkee near Poona In all the denominational boarding schools increasing emphasis is being laid on vocational work, the students being required to share in the domestic work of the institution, and in many cases, to engage in some trade or other work

20 physicians, and a number of qualified nurses are employed, regular medical work being conducted at 29 stations

The baptized membership (adult) is 13,204 organized into 257 churches, and in addition a substantial community of enquirers is receiving systematic instruction 504 Sabbath Schools are conducted with an enrolled membership of about 22,042 Also over 143,900 are enrolled in the Bible correspondence schools

The Bombay Address is No 15, Club Road Byculla

Mennonite Church in India —

President —P J Malagar, Kanker, M P

Secretary —A K Biswas, Dhamtari, M P

Central India Baptist Mission —The India branch of the Conservative Baptist Foreign Mission Society, U S A Working in Madhya Pradesh, has a Mission staff of 31 workers Indian workers 35, Churches 7, Christian Community 600

Chairman —Rev N Schoen, Ellichpur, Berar, Madhya Pradesh

Ceylon and India General Mission —Established 1892, occupies stations in Mysore State, in the Coimbatore and Anantapur Districts, also in Uttar Pradesh Mission staff 68, Indian workers 94, Churches 53, Communicants 2,159, Christian Community 5,339, Orphanages 6, Schools 6, Pupils 535

Head quarters —"Mizpah," Richards Town, Bangalore

Secretary Treasurer —Rev J L T Mac Carthy, 7, Pottery Road, Richards Town, Bangalore

Boys' Christian Home Mission.—The Boys Christian Home Mission, better known as the B C H Mission, was founded by Albert Norton in 1899, when a severe famine swept the land The Headquarters of the Mission is Dhond, Poona District

The main function of the Mission is the care of orphans and at present it is looking after 240 orphans or needy children

It also runs a day school which has an attendance of 450 children A little agricultural work is also being carried on

There are 3 missionaries in the Mission at present and nearly 30 Indian workers The Mission is evangelical and does evangelistic work in many villages around the main stations

Director —Rev John E Norton

Santal Mission of the Northern Churches —Founded in 1867, works in the Santal Parganas, Birbhum, Murshidabad, Malda, Rajshahi, Dinajpur, Goalpara and Kamrup Work is principally among the Santals but also among Bengalis Boros and other races Mission staff numbers 60, Indian pastors 66, other Indian workers 600, 10 boarding schools with 1,050 pupils, 140 elementary schools with 5,200 pupils, 3 teachers Training schools, 1 industrial school, 1 printing press, 1 orphanage, 3 hospitals 7 dispensaries 2 leprosy colonies and 1 tea estate *Secretary*, Rev O S Bierkestrand, Dumka, Santal Parganas, Bihar

Free Methodist Mission of North America —Established at Yeotmal 1891, operates in Yeotmal and Amravati districts in Berar and in Wardha district in Madhya Pradesh with a staff of 14 Missionaries and 45 Indian workers Organised churches 13, 1 Anglo Vernacular Middle School, 1 Biblical Seminary, and 3 Primary Schools

Chairman of the Executive Committee for 1952 53 —Rev R N Davis, Yeotmal, Berar

Secretary —Mrs Muriel A Davis, Yeotmal, Berar

The names of some more missions are given below

BHARAT CHRISTYA SEWAK SAMAJ Royapettah, Madras

BRITISH IN INDIA MISSION, Scottish Churches College, Cornwallis Street, Calcutta

GONDWARA MISSION, Patpara, Mandla Dt, M P

HOME MISSIONARY SOCIETY OF INDIA Doveton Corrie Boys School, Vepery, Madras 5

INDIAN INDUSTRIAL MISSION, Cossipore, Calcutta 2

INDIA MISSIONARY SOCIETY, Palamcottah, Madras

METHODIST MISSIONARY SOCIETY, Luck now Christian College, Lucknow

MYSORE MISSIONARY SOCIETY, Mysore

SLUMS OF INDIA MISSION, 15, Salai Street, Vepery, Madras 5

SOUTH INDIA MISSIONARY SOCIETY, Robinson Memorial Byculla Bombay

SALVATION ARMY

The work of the Salvation Army in India and Ceylon was commenced in 1882 by the late Commissioner Booth Tucker and was for many years under his control, with Headquarters in India For some time now, the areas occupied have been divided for administrative purposes into 6 Territories, each under a Territorial Commander, and one smaller Command The headquarters for Pakistan are at Lahore

North Eastern Territory, with Headquarters at Calcutta

Western Territory, with Headquarters at Bombay

Madras and Telugu Territory, with Head quarters at Madras

Southern Territory, with Headquarters at Trivandrum, in The United State of Travancore and Cochin

Ceylon Territory, with Headquarters at Colombo

Burma Command, with Headquarters at Rangoon

The Audit and Editorial office is at Poona

The Commanders are directly responsible to the International Headquarters in London

North-Eastern Territory —The area in this Territory is the Salvation Army work in the Punjab (India), Uttar Pradesh, Orissa, Bengal and Assam

Evangelistic work, especially among the "depressed classes," is extensively carried on, in all these areas

Medical work is carried on in two Hospitals, one of which is in Dariwal, Punjab and the other in Moradabad, Uttar Pradesh, and also in several dispensaries

There are boarding and day schools, a men's Industrial Home in Calcutta, a Young Women's Hostel and orphanages for both girls and boys

Village centres at which the S A works	1,851
Officers and Employees	746
Social Institutions	7
Boarding and day schools	11

Territorial Headquarters 37 Dharmatala Street, Calcutta 13

Territorial Commander —Colonel Ivar Palmer

Madras and Telugu Territory —Embraces Madras City, the Central and Northern districts Andhra, also Hyderabad and Madhya Pradesh 353 fully commissioned officers and 264 workers are fully occupied in evangelical educational and village uplift work carried on in just over 400 villages a high school with hostels for boys and girls, a training Institute for men and women selected for officership, a criminal tribes settlement of 2 500 men, women and children—many work at Chirala, the others on the land A Leprosy Hospital, General Hospital for women and children, though men are also treated, a Social Services Department where wastepaper sorting, etc is carried on, and a Women's Industrial Home in Madras complete the list of institutions where work is going forward

Territorial Headquarters —The Salvation Army, 16, Ritherdon Road P O Box 453, Vepery, Madras 7

Territorial Commander —Colonel Muriel Booth Tucker

General Secretary —Brigadier P Bhushanam

Southern India Territory —The Territorial Headquarters is Trivandrum, the United State of Travancore and Cochin

In more than 480 corps the majority of officers labour among the village populations The Army has a membership in South India of some 97,099

This territory is divided for administrative purposes into 15 divisions and Districts 6 among the Tamil-speaking people and 9 among those who speak Malayalam

Medical work, also the work of the Leper Hospitals are undertaken The Catherine Booth Hospital at Nagercoil, is now a fully equipped, modern institution of many departments, dealing with all manner of medical and surgical cases The Hospital is equipped with X Ray, radium, iron lung and splendid nursing facilities Branches from this Institution carry the service of the Hospital to some of the most remote regions 157,346 patients were treated during one year in the Catherine Booth Hospital and its several Branches and 1,548 major operations and 2,552 minor operations were performed Two Leper colonies run one on behalf of the United State of Travancore and Cochin Government, and the other the Evangeline Booth Leper Hospital in North Travancore, have together 565 patients These two institutions carry on the work ranking with the highest traditions of Christian service

Workers in the Territory consist of 1,132 Officers, 480 employees There are, 485 Officered Corps and 140 Societies, 48 primary day schools, 5 Boarding Schools, 1 Middle School, 1 High School, 1 Training Garrison, 549 Outposts, 1 Women's Industry and 1 Men's Industry

Territorial Headquarters —S A Kowdyar Trivandrum 3, United State of Travancore and Cochin

Territorial Commander —Lt Commissioner S Manuel

Chief Secretary —Lieut-Colonel William H Smith

Western India Territory—The Western India Territory comprises Rajputana, Central India, Saurashtra, Bombay State, Goa, Macathas, and Mauritius

This territory comprises Corps 260, Outposts 876, Social Institutions 21, Day Schools 114, Boarding Schools 4, Training Colleges 2

Besides the Evangelical operations there are in this Territory, two large Hospitals, the Emery Hospital at Anand, and the Evangeline Booth Hospital at Ahmednagar and a number of Dispensaries Patients treated at both Hospitals during the year were—Out patients 77,456, In patients 8,386, Major Operations performed 1,829, Minor Operations performed 7,036 Both Hospitals are well equipped and have a Nurses Training School attached

Social work in Bombay includes the King George V Memorial Infirmary, and Lady Dhunbai Jehangir Home for Destitutes, Industrial and Rescue Home for Women at Matunga, King Edward Industrial Home for Men at Byculla, which incorporates the Loom Factory for the making of Weaving and Warping machines, a land Colony at Muktipur at which recently a new Engine and Pump was installed for the supply of water for the irrigation of the land A well equipped Red Shield Hostel is situated in the Merewether Road, Fort, Bombay Accommodation for permanent boarders and for visitors to Bombay may be secured there

Territorial Headquarters —P O Box 4510, Morland Road, Byculla, Bombay 8

Territorial Commander —Commissioner Janet Allan

Chief Secretary —Lieut Colonel Joseph Dahya

CHRISTIAN COUNCIL OF INDIA AND PAKISTAN

Objects—1 To stimulate thinking and investigation on missionary questions, to enlist in the solution of those questions the best knowledge and experience to be found in India and other countries, and to make the results available for all Churches and Missions in India

2 To help to co-ordinate the activities of the State Councils and to assist them to co operate with each other where such co-operation is desirable

3 Through common consultation to help to form Christian public opinion and bring it to bear on the moral and social problems of the day.

4 To be in communication with the International Missionary Council regarding such matters as call for consideration or action from the point of view of the Indian mission field as a whole

5 To make provision for the convening of a National Christian Conference when such is in the opinion of the Council desirable

President —The Rt Rev S K Mondol, Chapel Road, Hyderabad, Deccan

Vice-Presidents —The Rt Rev F Whittaker, Bishop's House, Medak, Deccan, R M Chetsingh, Baring Union Christian College, Batala, E Punjab

Treasurer —G Ross Thomas, Intermission Business Office, 364, Hornby Road, P O Box 92, Fort, Bombay 1

Secretaries —E C Bhatty, M A, Ph D, The Rev J W Sadiq, M A, B D, The Rev R W Scott, M A, Ph D, Korula Jacob

Address —The National Christian Council, The Christian Council Lodge, Nagpur 1, (Madhya Pradesh)

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CLUBS

ADYAR CLUB, Adyar, Madras *Entrance Fee* Rs 100 *Annual Subscription* Rs 12 *Monthly Subscription* Rs 17 *Hon Secretary and Treasurer* D S Thorpe

AERO-CLUB OF INDIA, LTD, c/o Tata Industries, P O Box No 68, New Delhi Encouragement of Flying in all branches *Subscription* Rs 20 per annum *President*—Pandit Jawaharlal Nehru, Prime Minister, India *Vice President*—Pandit Hirday Nath Kunzru *Chairman*—Rai Bajrang Bahadur Singh *Vice Chairman*—Air Vice Marshal A M Engineer, DFC *Hony Secretary*—Wing/Cmdr K Chand *Assistant Secretary*—N Ramanathan

AGRA CLUB, LTD, Agra Cantonment (Estd 1863) *Entrance Fee* Rs 50 *Subscription* Monthly Rs 10 *Hon Secretary*—N M Framjee

AHMEDNAGAR CLUB LTD, Ahmednagar (Estd 1889) *Entrance Fee* Rs 75 *Subscription* Monthly, single Rs 12, married Rs 18 *Secretary*—S K Irani

AJMER CLUB, Kaiser Bagh (Estd 1883) *Entrance Fee* Rs 100, payable in four half-yearly instalments *Subscription* Monthly, single Rs 12 married Rs 15

AMARSINGH CLUB, Munshi Bagh, Srinagar (Kashmir) *Vice President*—Justice J N Wazir *Secretary*—K S Sethi

AMRITSAR CLUB, LTD, Amritsar (Estd 1894) *Entrance Fee* Rs 100 *Subscription* Monthly, Rs 12 single, Rs 16 married *Hon Secretary*—R A Boga

BANGALORE CLUB, 38, Residency Road, Bangalore (Estd 1868) *Entrance Fee* Rs 200 *Subscription* Annually, Rs 10, Monthly, Rs 12 or family Rs 15

BELGAUM CLUB, Belgaum *Entrance Fee* Rs 50 *Monthly Subscription* Rs 13 *Secretary*—Major V K Menon

BENGAL CLUB LTD, 33, Chowringhee Road, Calcutta (Estd 1827) *Entrance Fees* Town Rs 800 Mofussil Rs 200 *Subscriptions* Annually Rs 25, Monthly, Town Rs 25, Mofussil Rs 3 per diem when in Calcutta up to maximum of Rs 25 per mensem *Secretary*—J Gledhill

BENGAL UNITED SERVICE CLUB, LTD, 29, Chowringhee Road, Calcutta 16 (Estd 1845) *Entrance Fee* Rs 250 *Subscription* Annually, Rs 25, Monthly, Rs 23

BOMBAY CLUB, Marine Drive, Bombay (Estd 1862) *Entrance Fee* Rs 300, *Subscription* Annually, Rs 12 (Non Resident), Monthly, Rs 20 *Hon Secretary*—H I Coultas

BOMBAY GYMKHANA, LTD, Esplanade Road *Entrance Fee* Rs 150 *Subscription* Annually, Rs 12, Monthly, Rs 15 *Hon Sec & Treasurer*—L R Bury

CALCUTTA CLUB, LTD, 241, Lower Circular Road, Calcutta (Estd 1907) *Entrance Fee* Rs 400 *Subscription* Monthly Rs 15, Annual Mofussil Subscription, Rs 30 *Jt Hony Secretaries*—S N Sircar and Lt Col G N P Hodder

CLUB OF CENTRAL INDIA, Mhow (Estd 1895) *Entrance Fee* Permanent and Special Members, Rs 48 *Subscription* Monthly, Rs 17, 2/Lt & Officer Cadets Rs 10 *Patron*—H H the Maharaja Scindia of Gwalior *Vice-Patron*—H H the Maharaja Holkar of Indore *President*—Brig N J B Stuart, CBE *Hon Secretary*—Major C Waugh

COCHIN CLUB, Fort, Cochin (Estd 1876) *Entrance Fee* Rs 250 *Subscription* In station, Rs 15 p m, Out station, Rs 27 per annum Boarding and lodging available to members, affiliated members, honorary and temporary members

COCANADA CLUB, Cocanada (Kakinada) (Estd 1856) *Entrance Fee* Rs 70 *Subscription* Monthly, Rs 10 *Chairman and Hon Secretary*—H Churchill

COONOOR CLUB, Coonoor *Entrance Fee* For permanent membership, Gentlemen Rs 100, ladies Rs 50 *Annual Subscription* Gentlemen Rs 12, ladies Rs 12, *Monthly Subscription* Gentlemen single Rs 8, ladies Rs 6 Family of 2, Rs 10 Temporary Members Gentlemen Rs 12, ladies Rs 8 per month Family of 2, Rs 14 per month *Hon Secretary and Treasurer*—A G Willis

COSMOPOLITAN CLUB, Madras (Founded 1873) *Entrance Fee*, Rs 250 *Annual Subscription*, Rs 30 for non resident and Rs 84 for resident members or quarterly instalments of Rs 21 *President*—K Subba Rao *Honorary Secretary*—P M Balasubramaniam *Manager*—J S Manikam

CRICKET CLUB OF INDIA, LTD, Brabourne Stadium, P O Box 930, Bombay 1 *President*—Sir H P Mody, *Hon Treasurer*—N R Mody, *Hon Secretary*, H N Contractor

DARJEELING CLUB, LTD, Gandhi Road, Darjeeling (Estd 1868) Election by ballot *Entrance Fee* Rs 100 *Subscription* Annually, Rs 20, Monthly, Rs 10 for Members residing in the Town Members residing in District within 20 miles Rs 7 8, and for Members residing beyond 20 miles Rs 5 Temporary membership Rs 1 8 per day *Secretary*—Mrs M E Betteley

DARJEELING GYMKHANA CLUB, LTD, Darjeeling, West Bengal (Estd 1870) *President*—The Governor of West Bengal, *Chairman*—Lt-Col A V A Mercer, *Hon Secy*—Capt H M Bell

DELHI GYMKHANA CLUB LTD, Safdar Jung Road, New Delhi Permanent Membership *Entrance Fee* Rs 250 *Monthly Subscription*, New Delhi Residents, Married—Rs 25, Single—Rs 20, Old Delhi Residents, Married—Rs 15, Single—Rs 10 *President*—Sir N R Pillai, KCIE, CBE, ICS *Secretary*—Col J C T Thornton

ENGLISH CLUB, Coimbatore (Estd 1868) *Entrance Fee* Rs 150 *Subscription* Monthly, Rs 15 Absentee, Rs 12 annually

EUROPEAN CLUB, Tuticorin (1885) *Entrance Fee* Rs 50 *Subscription* Monthly Rs 15 Out-stations Rs 6 annually Tennis, Golf and Library *Hon Secretary*—M J C Hogan

FIELD CLUB, Udaipur Provides all amenities of modern club life including Lawn Tennis, a covered Badminton Court cum Dance Hall and a modern Swimming Pool *President*—His Highness the Maharaja Sahib of Udaipur, Maharaj Pramukh, Rajasthan *Vice-President*—B D Chopra *Hon Secretary*—Rajya Priya P P Singhal *Asstt Secretary*—Dr M G Sarrin

JAIPUR CLUB LTD, Jaipur (Rajasthan) *President*—Jai Narain Vyas *Honorary Secretary*—Gokul Lal Mehta *Managing Committee Members*—A K Mukerjee, V N Kak, H C Golcha, B G Rao, Hakikat Rao

JEY KRISHNA CLUB, Alwar, provides Tennis, Squash, Billiards and modern club amenities *President*—D P Sharma *Vice Presidents*—Bahadur Singh and Dr (Mrs) M Talwar *Hony Secretary*—Prof G S Jalman, MA

MADRAS CLUB, Mount Road, Cathedral P O, Madras 6 (Estd 1831) *Entrance Fee* Permanent membership Rs 250 Instalment membership, six instalments of Rs 50 each *Subscription* Annually, Rs 20 Monthly, Rs. 15 *Secretary*—Ondrej Gas

MALABAR CLUB, Beach Road, Kozhikode (Estd 1864) *Entrance Fee* Rs 100, *Subscription* Annually, Rs 12 for members resident in Malabar and Rs 6 for non-resident members, Monthly, Rs 10 single, Rs 12 married

OOTACAMUND HUNT CLUB, Ootacamund, Nilgiris, South India *President*—Major General W D A Lentaigne, OB, CBE, DSO *Master and Hon Secretary*—Major D J St M Tabor, M C Royal Horse Guards

OOTACAMUND CLUB, Ootacamund, Nilgiri Hills (Estd 1840) *Entrance Fee* Rs 100 *Subscription* Annually, Rs 18, onthly, Rs 12 *Hon Secretary*—Lt Col H E R Elliott-Bateman

ORIENT CLUB, Chowpatty Sea Face, Bombay 7 *Entrance Fee* Rs 500 *Subscription* Annually, Rs 84 for resident members, Rs 24 for non-resident members and Rs 12 for absent members *President*—Mr Justice S R Tendolkar *Joint Hon Secretaries*—J G Bhagat and R Mathalone *Hon Treasurer*—L S. Dabholkar

PACHMARHI CLUB, Pachmarhi, Madhya Pradesh *President*—The Governor of Madhya Pradesh, *Chairman and Vice-President*—Lt Col N B Mandloi *Hon Secy*—Captain K L Ghai *Permanent members Entrance fee* Rs 50 *Monthly Subscription* Rs 10

PRINCESS VICTORIA MARY GYMKHANA, Cooperage, Bombay *Entrance Fee*—Rs 150 *Quarterly subscription* Rs 18 *Unmarried daughter of a member* Rs 9 *Temporary membership fee* Rs 10 per month *President*—Shrimati Bajpai *Treasurer*—Mrs J R B Jeejeebhoy *Hon Secretaries*—Miss Dhun Dasai and Mrs Avabai M Mehta

RAJPUTANA CLUB, Mount Abu (Estd 1880) *Entrance Fee* Rs 25 and Rs 75 for 2 year and permanent members *Monthly Subscription* Rs 8 to Rs 12 for Permanent and 2 year members Separate rates for families and temporary members *President*—H H Maharao Shri Abhey Singhji Saheb of Sirohi *Hon Secretary*—Shri R C Jain

ROYAL BOMBAY YACHT CLUB, Apollo Bunder, Bombay (Estd 1880) *Entrance Fee* Rs 400 *Subscription* Annually, Rs 24, Monthly Rs 20 *Hony Secretary*—K J Quick

ROYAL CALCUTTA TURF CLUB, 11, Russell Street, Calcutta 16 (Estd 1947) *Entrance Fee* Club Members, Rs 500, Stand Members, Rs 300 *Annual Subscription* Rs 200 *Secretary*—E R Kenderdine, MBE

ROYAL WESTERN INDIA TURF CLUB, LTD, Bombay and Poona *Entrance Fee* Club Members Rs 750, Stand Members Rs 250 *Annual Subscription* Rs 25 both class of members Lady Stand Members, Rs 15 *Secretary*—F K Vakil

SATURDAY CLUB, LTD, 7, Wood Street, Calcutta *Entrance Fee* Rs 300 single Rs 350 married *Subscription* Annually, Rs 25, Monthly Rs 22 single and Rs 24 married *Secretary*—D L Cooper

SECUNDERABAD CLUB, Secunderabad, Dn (Estd 1883) *Entrance Fee* Rs 250 payable in bi-monthly instalments of Rs 25 each *Monthly Subscription* Rs 23 married, Rs 20 single *Secretary*—Major H B Marcoolyn

SHILLONG CLUB, LTD, Shillong, Assam *Entrance Fee* Rs 100 for income over Rs 1,000 and Rs 50 for income under Rs 1,000 p m *Annual Subscription* Rs 24 *Monthly Subscription* Rs 20 for permanent members, Rs 40 for temporary members *Hon Secretary*—H F G Burbidge

TRICHINOPOLY CLUB (Estd 1869) Kajamalai, Trichinopoly, Madras State *Subscription* (monthly) Rs 10 (annually) Re 1 for full members who have paid ten annual subscriptions and Rs 12 for others *President, Hon Secretary and Treasurer*—H A Boas

WESTERN INDIA AUTOMOBILE ASSOCIATION, P O Box 211, Bombay 1 *Secretary*—J J K Patell, BA, ACA, RA, FCRA, FICS *Asstt Secretary*—K G Subramanian, BA

WILLINGDON SPORTS CLUB, Clerk Road, Bombay (Estd 1917) *Entrance Fee* Rs 1,250 *Annual Subscription* Resident Rs 240 *Secretary*—S G Pick, OBE, MC

ANDHRA STATE

Area 63 608 sq miles Population 20,801,192 (1951) 18,207 000 (1941)

Capital Kurnool (temporary)

Districts with District headquarters in brackets

Anantapur (Anantapur) Chittoor (Chittoor) Cuddappah (Cuddappah) East Godavari (Kakinada), Guntur (Guntur), Krishna (Masulipatnam) Kurnool (Nandyal), Nellore (Nellore), Srikakulam (Srikakulam) Vishakapatnam (Vishakapatnam) West Godavari (Eluru)

Strength of legislature (Legislative Assembly) 140

Estimate of party strength in Assembly Congress (53) Communists (46) K L P (16) Independents (13) P S P (12)

No of members from Andhra in the Council of States 12

No of members from Andhra in the House of the People 28

The Andhra State came into being on Oct 1 1953

It was formed by an Act of Parliament called the Andhra State Act 1953 which received the President's assent on Sept 14

It was formed from the above mentioned Districts of Madras State and the Alur Adoni and Ravadrug Taluks of Bellary District in that State

The Alur and Adoni Taluks were included into Kurnool District and the Taluk of Raya drug into Anantapur District

The decision to form an Andhra State was announced by the Government of India on Dec 19 1952

Mr Justice K N Wanchoo (Chief Justice of Rajasthan) was appointed to report on the financial and other implications of the new State

This report was presented on Feb 7 1953 and the Government of India announced their decision on the Wanchoo Report on March 25 1953

The decision was that the new State was to be formed from the eleven undisputed Telugu Districts and the three Talukas of Adoni, Alur and Ravadrug of Bellary District

Six out of the remaining Taluks of Bellary were to be included in Mysore State as they were mainly Kannada speaking The exception was the Bellary Taluka

About Bellary District, Mr Justice Wanchoo had reported that it should be included in Andhra territory till such time as a Karnatak State consisting preponderately of Kannada speaking people was formed

Alternatively the three Telugu speaking Talukas of Alur Adoni and Ravadrug should be allotted to the new State and the remaining seven Talukas should be formed into a separate Bellary District also to be included in the new State with necessary safeguards for the preservation of Kannada language and culture

The Government of India however made a different decision as outlined above about the Bellary District And to decide the future of Bellary Taluka they wanted a special report

So on Apr 21 1953 the Government appointed Mr Justice I S Misra Chief Justice of the Hyderabad High Court to enquire and report He started working on Apr 27, and presented his report on May 19 He recommended that the Bellary Taluka should be merged into Mysore since a majority of the people were Kannada speaking

The Government of India accepted the recommendation

So eventually, three Talukas in Bellary District were included in Andhra and the rest of the seven Talukas were included in Mysore and were formed into a separate District, Bellary in Mysore State

The figures about Bellary Taluka quoted by Mr Justice Misra were as follows

Total population 171 226, Kannada speaking 89 925 (52 52 per cent), Telugu speaking 43 317 (25 29 per cent), Others 37,984 (22 19 per cent)

GEOGRAPHY

The shape of Andhra is rather curious A long neck with protruding belly would be an apt description It has a chain of mountains, the Eastern Ghats, running over its entire length on the eastern and northern borders

There are huge forest areas in Srikakulam Vishakapatnam and Godavari and Kurnool Districts

The landscape is varied and rich It ranges from the smiling ever green plains of the Godavari and Krishna deltas the rocky drought stricken plateau of Rayalaseema the undulating uplands of Northern Circars to the flat sandy downs in Nellore and Guntur

The climate is warm and humid or hot and humid according to the season

The average annual rainfall is highest in the north varying between 45 inches and 50 inches It gradually decreases to the south and south west down to about 20 inches

Two thirds of the rain is from the south west monsoon

The rainfall is erratic both in time and quantity The smaller the rainfall the more erratic it is

Srikakulam Vishakapatnam parts of Godavari and Nellore suffer from periodic floods and droughts while the others are more liable to suffer from droughts

There are no mountains of the type of the Sahyadri range but there are hills and table lands scattered throughout the State Some of the hills are high and are covered with useful forest some carry scrub jungle while many are quite bare

The soils of Andhra consist of the alluvi of the deltas and littoral tracts red, black and brown soils

The agricultural value depends on the textures but there is not much information about productivity The interesting point is that while the top soil is being washed away year after year the remaining soil at the bottom continues to produce in the same measure as before

There are two major rivers the Godavari and the Krishna three medium rivers with a large number of tributaries and twenty nine minor and small rivers It is estimated that together they carry annually 150 million acre ft of water into the Bay of Bengal

The Godavari flows for 225 miles through the State before it falls into the Bay of Bengal Its main tributaries are the Manjira the Pranhita the Indravati and the Sabari The river drains about 121 500 sq miles and carries as much as two million cusecs in very high floods

The Krishna drains 97,000 sq miles and its flood discharge is about a million cubic feet per second The total dependable flow is about 39 4 million acre feet The main tributaries are Tungabhadra Yerla, Warna and Dudhganga

The medium rivers are the Pennar, the Nagavalli, the Vamsadhara

AGRICULTURE

The total food production is estimated to be about 3 14 million tons, giving a surplus of about a quarter million tons

The State will be able to export between 200 000 and 300,000 tons per annum, mostly in rice and a little of millets

The area of the State is classified as under (the figures which are for 1950 51 are in thousand acres)

Area 40 709 forests 7 991 Area not available for cultivation 8 010 Other uncultivated land excluding current fallows 4 548 Current fallows 4 524 Net area sown 15 510, Total cropped area 17 404 Area sown more than once 1 894

The area under principal crops is as follows (thousand acres)

Rice 4 241 Jowar 2 893 Bajra 1 072 Maize 28 Ragi 637 Small Millets 2 043 Wheat 8 Barley (less than 500) Total Cereals 10 897 Gram 104 Sugar cane 137, Tobacco 245

The production of principal crops in thousand tons is as follows

Rice 1 807 Jowar 534, Bajra 207 Maize 11 Ragi 221 Small millets 269 Wheat 1 Total cereals 3 050

Gram 16 Sugar cane (Gur or Jaggery) 380 Tobacco 76 Castor 166

The area under cash crops in thousand acres is as follows

Groundnut 2 222 Castor 166 Sesamum 332 Rape and Mustard 5 Linseed 2 Total oilseeds 2 727 Cotton 677

The production of cash crops in thousand tons is as follows

Groundnuts (Nuts in Shell) 777 Castor 13 Sesamum 39 Rape and Mustard (less than 500) Linseed (less than 500) Total Oilseeds 829 Cotton 86*

Mangoes 6 lakh tons, Oranges 42,000 tons, Lemons 40 000 tons

The yield per acre in maunds is as follows

Rice 11 61 Jowar 5 03 Bajra 5 37 Maize 11 06 Ragi 9 43 Small millets 3 59 Wheat 2 90 Gram 4 07 Sugar cane (Gur or Jaggery) 75 57 Tobacco 8 45, Groundnut (Nuts in Shell) 9 52 Castor 2 10 Sesamum 3 18 Rape and Mustard 2 48, Linseed 2 32 Cotton (Lint) 0 61

Incidence of Land Revenue assessment on the area and population in acres is as follows

Raiyatwari 25 612,963, Estates 13 033,885, Total 38 646 849

Area not fully assessed (Raiyatwari) 11,588, 426 (Estates) 6 453 485, Total 18 041 911

Fully assessed area (Raiyatwari) 14 024 537, (Estates) 6 580,400 Total 20 604,937

Cultivated (Raiyatwari) 10 516 410, (Estates) 3,273,223 Total 13 789 633

Total revenue from land (excluding cesses) (Raiyatwari) Rs 2 78 47,226, Estates Rs 65, 98,892, Total Rs 3 44,46 118

Population (Raiyatwari) 11 258,504, (Estates) 8 009,496, Total 19,268 000

Total revenue from land per head of population (Raiyatwari) Rs 2 7 7, (Estates) Rs 0 13 2, Total Rs 1 12 /

Land revenue assessment on fully assessed area (Raiyatwari) Rs 2,44,20 926, (Estates) Rs 56,42,992, Total Rs 3,00,63,918

Incidence per acre of land revenue on fully assessed area for total area (Raiyatwari) Rs 1 11 10, (Estates) Rs 0 13 9, Total Rs 1 7 4

For cultivated area (Raiyatwari) Rs 2 5 2, (Estates) Rs 1 11 7, Total Rs 2 2 11

Population of fully assessed area (Raiyatwari) 11,258,504, (Estates) 8,009,496 Total 19, 268 000

* Thousand bales of 392 lbs each of cotton lint

Land revenue assessment per head of population of fully assessed area (Raiyatwari) Rs 2 2 0, (Estates) Re 0 11 3 Total Rs 1 9 0

No of towns of over 10 000 inhabitants (Raiyatwari) 58, (Estates) 15, Total 73

Aggregate population (Raiyatwari) 1,369,828, (Estates) 339 505, Total 1,709 333

Forests occupy about 19 per cent of the total area The more useful species of timber produced are Kosum, Toon Rosewood Irul Teak Bamboo suitable for the manufacture of paper pulp also occur in abundance

LIVE-STOCK

The figures are in thousands

Total Cattle 7 331

1 Males over 3 years 2,997
- Breeding 23
- Working 2 641
- Others 333

2 Females over 3 years 1 351
- Breeding
  - *a*) In milk 810
  - *b*) Dry and not calved 355
- Working 85
- Others 101

3 Young Stock 1,983

Total Buffaloes 4 919

1 Males over 3 years 952
- Breeding 31
- Working 758
- Others 163

2 Females over 3 years 2,277
- Breeding
  - *a*) In milk 1 063
  - *b*) Dry and not calved 1,076
- Working 61
- Others 77

3 Young Stock 1,690

Total Sheep 6 858
- One year and above 5 951
- Below one year 907

Total Goats 2,854
- One year and above 2,410
- Below one year 444

Total Horses and Ponies 44
- 3 years and above 19
- Below 3 years 25

Mules (less than 500)
Donkeys 119
Camels (less than 500)
Pigs 579

Total live-stock 22,704

Total Poultry 8,062
- Fowls 7,794
- Ducks 268

Number of Agricultural Machinery and Implements in units

Ploughs
- Wooden 1,916,962
- Iron 29,292

Sugarcane Crushers
- Power 1,582
- Bullocks 41,272

Oil Engines 19,328

Electric Pumps 5,931

Tractors 218

Ghanies
- More than 5 seers 166,810
- Less than 5 seers 39,700

MINERALS AND INDUSTRIES

There has been no detailed geological investigation But it is believed that the State is rich in mineral deposits

The deposits are of manganese, mica, barytes limestone, gypsum, iron, copper The coal is of poor quality

The more important minerals are manganese in Vishakapatnam and mica in Nellore

There are three zones of mineral concentration Cuddapah for asbestos barytes limestone and steatite Nellore for mica, felspar, garnet, glass sands, kyanite Eastern Ghats for graphite, clays, mica, limestone

The estimated output of some of the individual minerals are as follows

Manganese 100 000 tons, Mica 15 000 to 20,000 cwt, Ochre 4 000 tons, Chromite 5,000 tons Barytes 20,000 to 28,000 tons

The more important industries are rice milling, oil milling, jaggery, sugar, textiles, cement

There are nine sugar factories with an installed capacity of about half a lakh of tons of sugar per annum, and two cement factories with an annual productive capacity of 175,000 tons

The number of working spindles is about 26 000

IRRIGATION, POWER

The figures given below are in acres

Total area irrigated 4 61 mln Area irrigated by Government canals 2 71 mln By private canals 46,000, By tanks 1 21 mln By wells 459 000 By other sources 164 000

Total irrigated area under cereals 4 49 mln, Under pulses 22 000 Under other food crops 52,000 Total under all food crops 4 68 mln

Irrigated area under rice 3 98 mln Under jawar 39 000, Under bajra 101 000, Under maize 1 000, Under ragi 332 000 Under wheat 4 000 Under other cereals 29 000, Under gram 1 000 Under thor 2 000, Under other pulses 19 000 Under sugarcane 114 000, Under cotton 1,000, Under other non food crops 325,000

The chief irrigation works now in operation are the Godavari Anicut system, the Krishna Anicut system, the Pennar Canals system, Kurnool Cuddapah Canal the tanks connected with the Pennar and its tributaries, Pennar Kumudavathi project

The Godavari Anicut is located at Dowlaishwaram in Godavari and irrigates an area of from 5 to 9 lakh acres in the two Districts The Anicut is in four sections connected by islands and the aggregate length of the four sections is about three and a half miles The catchment of the river is 115 000 sq miles and the maximum flood discharge is over 2 million cubic ft per second

Three main canals take off to irrigate eastern, western and central deltas respectively The total draw off is 11,500 cubic ft per second and they irrigate an area of about 900 000 acres in the first crop season, and 500,000 in the second

The Godavari system fetches annually an irrigation revenue of Rs 58 lakhs and a navigation revenue of 2¼ lakhs

The Krishna Anicut is located at Vijayawada in Krishna District, and irrigates an area of about 1,000,000 acres

The maximum flood discharge is estimated at 1 19 million cubic ft per second

The Anicut is 6 furlongs long and is provided with 6' falling shutters

The main canals are also navigable And with the Godavari canal system one can travel a long distance by boat

The Krishna Anicut system brings a little over Rs 60 lakhs annually by way of revenue to the Government

Another source of irrigation is the Kurnool-Cuddapah Canal which takes off from the Sunkesula Anicut in the Tungabhadra River The Canal is 190 miles long and traverses the Kurnool and Cuddapah Districts The carrying capacity of the Canal at the head is 2 000 cubic feet per second and the irrigable area 120,000 acres, though the irrigated area is 85 000 acres It yields a revenue of only 4 lakhs annually

The Pennar Kumudavathi project near Hindupur irrigates about 9 000 acres

Among the projects under construction the Tungabhadra is the biggest The total area expected to be brought under cultivation is about 300 000 acres in Kurnool and Bellary Districts, part of which will be in Mysore

Under construction is also the Upper Pennar project intended to bring about 6,000 acres under cultivation

The two super projects of Krishna Pennar and Ramapadasagar are very much in the future and when completed will irrigate nearly a million acres

Projects awaiting consideration are Bhairavanitippa on the Hagari river in Anantapur District Mid Pennar project, Gandikottah project, Somasila Dam

No hydro electric power has so far been developed in Andhra State

The thermal power installed is about 33 125 kW and the annual consumption about 87 million units

It is estimated however that the river basins of Andhra are capable of giving more than half a million kW of firm hydro electric power

Notes on projects some under construction and some under investigation are given below

The Machkund hydro electric project is located on the Machkund, a tributary of the Godavari near the Duduma falls on the borders of Orissa Its ultimate capacity is 102 000 kW and is now in an advanced stage of construction The first stage comprises three generating units of 17 000 kW each and the Jalaput storage reservoir (25 400 million cubic ft) is expected to commence operation early in 1955

Power will be made available in the districts of Srikakulam, Vishakapatnam West Godavari, East Godavari, Krishna and Guntur

The cost of the scheme is estimated at between Rs 13 and 15 crores

The Tungabhadra scheme which is also under construction comprises two power stations, one at Hospet (which is almost completed) and the second on the main irrigation canal 15 miles away

About 27 000 kW of power will be available initially and 63 000 kW ultimately of which about 32,000 kW will be firm power

The power will be distributed from about 22 sub stations in the four districts of Bellary, Anantapur, Kurnool and Cuddapah

The power house sites are in that part of Bellary which is now in Mysore

Andhra and Mysore will share power in the ratio of 70 30

The total cost of the scheme is between Rs 7 and 8 crores

The Ramapadasagar project investigated but not sanctioned may afford electric power 150,000 kW

Krishna Pennar project with reservoirs at Siddheswaram, Nandikonda, Pulichentla, is estimated to give power of the order of 100, MW

The present demands of Andhra State are about 20,400 kW About 251 towns and villages—less than 2 per cent—have electric supply The per capita consumption is about 4 units In 1958 when the Machkund and Tungabhadra projects have been in operation for two to three years the per capita consumption would go upto 15 units

The following tables show particulars about irrigation and power projects under the Five-Year Plan

Name of Project	District/Area benefited	Date begun	Date of completion	Total cost Rs in lakhs	Development Expenditure Five years 51—56 Rs in lakhs	Area to be irrigated on completion in 000 acres
Rallapad, IInd Stage	Nellore	1949	1954	58	50	8
Pomperu drain	Guntur	1946	1953	96	41	10
Upper Pennar	Anantapur	1951	1955	84	84	6
Bhairavanitippa	Bellary and Anantapur	1951	1955	1,02	1,02	8
Tungabhadra	Bellary and Kurnool	1945	1953	19,70	11,40	250
Total	—	—	—	23,10	14,17	282

Power Projects

Name of Project	District/Area benefited	Date begun	Date of completion	Total cost Rs in lakhs	Development Expenditure Five years 51—56 Rs in lakhs	Installed capacity Power in thousand kwtts
Machkund Hydel Scheme	Vishakapatnam, Godavari, Krishna, Guntur now served by Thermal Stations	1949	1954-55	6,82	4,32	108
Machkund transmission line	Vishakapatnam, Godavari, Krishna, Guntur now served by Thermal Stations	1947	1953-54	8,03	4 55	—
Nellore Thermal Scheme	Nellore and the neighbouring areas	1946	1954-55	1,01	41	3
Tungabhadra Hydel Scheme (1st Stage)	Ceded Districts	1951	1955-56 (1st Stage)	7,94	6,43	60
Total	—	—	—	—	—	166

The total mileage of railway is 1,935

Andhra has one major port, Vishakapatnam, two intermediate ports—Kakinada, Masulipatnam, one minor port, Bhimlipatam

For inland transport Andhra has three large rivers, the Godavari, the Krishna and the Tungabhadra, traversing its territory

It has also a well developed canal navigation system

The Godavari offers a total of 500 miles for navigation, the Godavari Canal 188 miles, the Krishna Canal 400 and the Buckingham Canal 258

The traffic on the Godavari Canal alone is over a million a year

EDUCATION

The following figures relate to the year 1952 53

Total no of elementary schools 17,402 Elementary schools under Government management 613 Under District Boards and Panchayats 6,844, Under municipalities 442, Under private agencies 9,503, No of higher elementary schools out of total 726

Total enrolment in all elementary schools 1 562 733 No of boys 964,925, No of girls 597,808

Out of the total number of elementary schools, no of Basic schools 276, Out of Basic schools, no of senior schools 15, Out of the total, Government Basic schools 17, Out of the total, aided Basic schools 3, Total enrolment 31,825, No of boys 19,875, No of girls 11,950

Total no of secondary schools 652, Out of the total, the no of boys schools 593, Out of the total, no of girls' schools 59, Out of the total, no under Government 32, No under local bodies 512, No of aided schools 118

Total enrolment in secondary schools 253,301, no of boys 218,380, no of girls 34,921

In the Agency areas there were four secondary schools

Forty-one secondary schools are equipped with 35 m.m film strip projectors, 79 with 16 m m projectors Three hundred and ten secondary schools are equipped with radios

Compulsory education is in force in the municipalities of Vishakapatnam, Rajahmundry Eluru, Masulipatnam, Hindupur, Prodattur, and Nellore for boys only, and in the municipality of Kakinada for both boys and girls

The Andhra University was established in 1926 It is a combination of the unitary and affiliating type of university It has 20 departments and the students live in hostels in the campus

It maintains four colleges—one of arts and science, another of science and technology, a third of natural sciences and a fourth of law

Six professional colleges and 22 arts colleges are affiliated to it

There are only two women's colleges in the whole area—Government College, Guntur and St Theresa's Satyavati Devi College, Eluru

One of the objects of the University was the development of Telugu so that it could be made the medium of instruction at the university stage But the medium of instruction today is still English

Technical and industrial institutions included 4 polytechnics, 9 industrial schools, 7 arts and crafts schools

The total enrolment was 1,522 Of these the no of boys was 1,239, and of girls 283

There were 23 commercial schools with a total enrolment of 3,075 Of these the no of boys was 3,075, and of girls 96

The no of schools for social education was 1,509 and the total enrolment 44,620 Of these the no of boys was 42,898, and the no of girls 1,722

There were 2 schools for the blind and 2 for children afflicted with leprosy The total enrolment was 126—87 boys and 39 girls

The number of Oriental Colleges was 12—10 for men and 2 for women The total enrolment was 481—435 men and 46 women

There were 12 Oriental schools with a total enrolment of 517 Of these 168 were boys and 349 girls

There were 2 Hindi Pracharak Vidyalayas with a total strength of 93—87 men and 6 women

The number of teachers training schools was 56 and the total enrolment was 8,207—5,216 men and 2,991 women

In addition there were 16 Basic Training Schools for men and one for women They had a total strength of 2,311—2,119 men and 192 women

The National Cadet Corps (Junior Division) was working well Twenty three high schools participated and raised 33 units—Army Wing 30, Naval Wing 3

FINANCES

To give an indication of the finances of the State Justice Wanchoo quoted the actuals for 1951 52

The revenue and expenditure (figures in lakhs of rupees) are as follows

Revenue	
Direct receipts	1,408 70
Share of allocable items	361 19
Total	1,769 89
Expenditure	
Direct expenditure	1,698 82
Share of allocable expenditure	573 89
Total	2,272 71

The deficit is about Rs 502 82 lakhs

The capital outlay in Andhra was Rs 4,185 67 lakhs

A break up of the revenue figures would be as follows (Rs lakhs)

Land revenue	406 91
Excise	16 56
Stamps	241 57
Registration	28 18
Receipts under M V Acts	120 16
Other taxes, duties including General Sales Tax	433 47
Other direct receipts (Education, Medical, etc)	161 85

A break-up of the expenditure is as follows (figures in lakhs of rupees)

General administration	284 78
Administration of justice	53 28
Jails and Convict settlements	23 45
Police	217 28
Education	366 16
Medical and Public Health	129 56
Agriculture, Veterinary, Co-operation and Industries	152 98
Other items	471 33

Justice Wanchoo discusses the question of bridging the gap between revenue and expenditure

He rejects the following suggestions as being problematical or of only long term interest revenue from new electricity schemes, more income from the abolition of zamindari, more revenue from development of forests and revenue, retrenchment in service establishments, diversion of Sales and Motor Taxes from Madras City, tightening up of Sales Tax administration, increase of water cess in the Krishna and Godavari Districts

He opined that the deficit can be decreased from Rs 5 crores to about Rs 2 5 crores as more revenue may accrue from the following factors Andhra State is likely to get more from the Centre from income tax receipts and Central excise receipts (Rs one crore) Rationing and Civil Supplies Department may be abolished (Rs 33 lakhs saving), licences on export of food (Rs one crore), single Chamber legislature (a few lakhs saving), dispersal of the armed police now located chiefly in the Andhra Districts

Mr Justice Wanchoo s final recommendation was for the abolition of prohibition which would result in extra revenue to the tune of about Rs 560 lakhs Andhra State would then have enough funds to finance the Tungabhadra and Machkund and other Five Year Plan projects

In the division of assets and liabilities two broad principles were observed The location of property, and where the property was movable a division between Madras, Andhra and Mysore in the ratio of 62½ 36 1½

In case of disagreement the President would be the final judge

Madras and Mysore are to make available certain facilities to Andhra in respect of the following institutions for a certain period as may be agreed upon

The Presidency Jail for Women, Vellore, The Senior Certified School Chingleput, The Junior Certified School, Bellary, The Central Jail, Bellary, The Alipuram Jail, Bellary, The Borstal School, Bellary, The King Institute, Guindy, The Irrigation Research Station, Poondi, The Police Training College, Vellore, The Finger Print Bureau Vellore, The Government Press, Madras, The Government Textile Institute, Madras, The Government College of Indigenous Medicine, Madras, The Madras Fire Services State Training School Madras, The Veterinary College, Madras, The Serum Institute, Rampet, The Barnard Institute of Radiology, Madras, The Chemical Examiner s Department, Madras, The Central Survey Office Madras The Government Lady Willingdon Leprosy Sanatorium Tirumani, Rayalaseema Polytechnic, Bellary, The Government Wellesley Tuberculosis Sanatorium, Bellary

CENSUS

The following table shows the population

	Andhra Districts	Total	Males	Females	Rural	Urban
1	Anantapur	1,361,556*	701 242	660,314	1,139 998	221 558
2	Chittoor	1 810,377	924,592	885 785	1 641 043	169,334
3	Cuddapah	1,161,731	595,060	566 671	1,027,502	134,229
4	Godavari East	2 414 808	1,206 483	1 208,325	1 954,662	460,146
5	Godavari West	1 697 727	848 990	848 737	1 366,458	331,269
6	Guntur	2,549,996	1,291,745	1,258,251	2,048,075	501,921
7	Krishna	1 779 484	903,872	875 612	1,409 392	370,092
8	Kurnool	1 270,843†	643 594	627 249	1,070,625	200,218
9	Nellore	1 795 632	902 794	892,838	1 591,993	203,639
10	Srikakulam	2 123,136	1,034,910	1 088 226	1,932,351	190,785

ADMINISTRATIVE PERSONNEL

Governor Chandulal Madhavlal Trivedi

Military Secretary to the Governor Major K T V N Nambiar

Aide De Camp Captain R D Bhagwandas

Private Secretary to the Governor D R Sundaram IAS

Council of Ministers

Chief Minister Mr T Prakasam (also in charge of Home, Public Services, Political and Information and Publicity)

Deputy Chief Minister N Sanjiva Reddy (also in charge of Home Police, Law and Order, Passports and Arms Act, Public Works Department, Transport, State Legislature, Elections and House Rent Control)

Minister in charge of Land Revenue, Food and Registration, Rural Indebtedness, Money Lending and Weights and Measures, K Koti Reddy

Minister in charge of Finance and Law, Religious Endowments and Scheduled Areas and Tribes, T Viswanatham

Minister in charge of Public Health, Co-operation and Housing, Labour, Rural Development, Harijan Uplift, Resettlement of ex Servicemen, Khadi and Planning, D Sanjivayya

Minister in charge of Education, Industries, Excise and Prohibition Commercial Taxes, B P P Pattabhi Rama Rao

Minister in charge of Local Administration, Agriculture, Forest, Fisheries and Animal Husbandry, P R Thimma Reddy

Andhra State Service Commission

(Office located at Madras)

Chairman C Vivekanandamurthy, IAS (retd)

Members A Venkataramana Naidu, Mt G Rami Reddy, IAS

Andhra Legislative Assembly

Speaker Nallapatti Venkataramiah

Deputy Speaker P Surya Chandra Rao

Secretary G V Chaudhary

Deputy Secretary M Surya Rao

Secretariat

HOME DEPARTMENT

Chief Secretary to Government, O Pulla Reddi, ICS

Joint Secretary to Government and Chief Electoral Officer, C Narasimham, IAS

Deputy Secretary to Government (I), I J Naidu, IAS

Deputy Secretary to Government (II), K Radhakrishnaiah, BA

Deputy Secretary to Government (III), G Gopalakrishna Naidu, BA

Under Secretary to Government, B R K Sastri, IAS

Assistant Secretary to Government (I), D Raghuram

Assistant Secretary to Government (II), I Sreeramulu, BA

REVENUE DEPARTMENT

Secretary to Government, M T Raju, ICS

Deputy Secretary to Government, K S Prakasa Rao, BA

Assistant Secretary (I), P Krishnavya Naidu, BA

Assistant Secretary (II), G Satyanarayana, BA, BL

Assistant Secretary (III), M Sreeramulu, BA

Assistant Secretary (IV), B Rama Rao, MA

FINANCE DEPARTMENT

Secretary to Government, V K Rao, ICS

Deputy Secretary to Government, T E Veeraraghavan, BA

Assistant Secretary (I), J A Arulanandam, BA

Assistant Secretary (II), P Isaac Prabhakar, BA

Assistant Secretary (III), M A Baig, BA

LAW DEPARTMENT

Secretary, B Ch Narayanamurthy

Deputy Secretary (Opinion), D Suryanarayana swamy, BA, BL

Deputy Secretary (Drafting), M K Narayana swamy Iyyer, BA BL

Under-Secretary to Government, V Kameswara Rao, BA, BL

Assistant Secretary (I), V A Venkatachalapathy, BA, BL

Assistant Secretary (II), J Jayarama Rao, BA, BL

Assistant Secretary (III), K Kadambavana sundaram, BA, BL

Assistant Secretary, S V Subbarao, BA, BL

PUBLIC WORKS AND TRANSPORT DEPARTMENT

Secretary to Government, S Chakravarthi, ICS

Deputy Secretary to Government, V Venkatrayudu, IAS

Assistant Secretary (I), T P Kothandaraman, BA

Assistant Secretary (II), T Ramakrishnan, BA

DEVELOPMENT DEPARTMENT

Secretary to Government, R Prasad ICS

Joint Secretary to Government, Director of Community Project, Director of Harijan Welfare and Ex-officio Joint Secretary, T Prabhakar Rao Nayudu, IAS

Deputy Secretary to Government, S G Appa Rao Naidu, MA

Assistant Secretary (I), L Bakthavatsalu, BA

Assistant Secretary (II), T A Sankar Ayya, BA, BL

Assistant Secretary (III), K Ramana Reddy, BA

EDUCATION, HEALTH AND LOCAL ADMINISTRATION

Secretary to Government, S R Kaivar, ICS

Deputy Secretary to Government, K C Madhappa, IAS

Deputy Secretary to Govt (Health), A Raghava Reddy

* After the merger of Rayadurg Taluka from Bellary the present population is 1,483,591

† After the merger of Alur and Adoni Talukas, the present population is 1,618,621

Assistant Secretary to Government (Local Administration) E L Janartha Rao

Assistant Secretary to Government (Education and Health) D Kamiah

Heads of Department

Inspector General of Police P K Monappa

Chief Engineer (General and Highways) J M Frederick

Chief Engineer (Irrigation) L Venkata krishnaier

The following offices are located in Madras

Director of Agriculture and Fisheries, M Kanti Raj

Transport Commissioner P P I Vaidyanadhan Bar at Law, I C S

Secretary, Road Traffic Board, Syed Ahmed I A S

Director of Medical Services Dr M V Ramanamurty M B B S F R C S

Inspector General of Prisons, Dr M V Ramana murty, M B B S, F R C S

Director of Public Health Dr D Subba Rao

Chief Engineer for Electricity, B R Somayajulu

Board of Revenue K M Unnithan I C S (*First Member*), M P Pai* I C S (*Second Member*) K Subba Rao I A S (*Secretary*)

Commissioner of Prohibition D V Subba Rao, B A

Inspector General of Registration (including the offices of Registrar of Joint Stock Cos Registrar of Films and Registrar General of Births and Deaths and Marriages), H Krishnamoorthy

Registrar of Co operative Societies Director of Industries and Commerce and Director of Controlled Commodities, K S Subrahmanyam Naydu

Inspector of Municipal Councils and Local Boards Commissioner of Hindu Religious Endowments K N Anantharaman, I C S

Commissioner of Labour and Chief Inspector of Factories C R Reddy

Sales Tax Appellate Tribunal, A Ranganathan Chetty

Director of Animal Husbandry Major I Murari

Radio Engineer V V L Rao

Chief Conservator of Forests N D Sahni I F S

Director of Harijan Welfare & Women Welfare, N Bhagwandas I A S

Director of Public Instruction, S Govindarajulu Naidu

Deputy Chief Engineer, Highways, P Veerayya

ANDHRA UNIVERSITY

(Waltair)

Chancellor Sri Prakasa Governor of Madras

Pro Chancellor B Gopala Reddi

Vice Chancellor Dr V S Krishna, B A (Oxon), Ph D (Vienna)

Registrar K V Gopalaswamy, M A (Oxon), Barrister at Law

The professors are as follows

K Rangadhama Rao, M A, D Sc (Madras), D Sc (Lond) (*Principal, University Colleges and Professor and Head of the Department of Physics*)

G Venket Rao, M A, I L B (*Professor and Head of the Department of History and Politics*)

M H Gopal M A Ph D (Lond) (*Professor and Head of the Department of Economics & Sociology*)

Saileswar Sen, M A D Litt, D Phil (*Professor and Head of the Philosophy Department*)

V Ramaswamy, B A (Cantab) Ph D (Cantab) (*Professor and Head of the Department of Mathematics*)

Vidwan G J Somayaji M A I T, Vidwan P O L (*Professor and Head of the Department of Telugu*)

S T Krishnamachari B A B L C P F (Paris) D I A (Berlin) (*Reader and Head of the Department of European Languages other than English*)

K R Srinivasa Iyengar, M A D Litt (*Professor and Head of the Department of English*)

H K Datta M Com (*Professor and Acting Head of the Department of Commerce*)

S Meenakshisundaram M A, D Sc (*Professor and Head of the Department of Mathematical Physics*)

G Gopala Rao M Sc, A I C (Lond) D Sc (Allahabad) (*Dharma Deo Professor and Head of the Department of Chemistry*)

C Venkata Rao M Sc (Hons), D I C (Lond) Ph D (Del) (*Professor and Head of the Department of Technology*)

S Rangaswamy M A Ph D D Phil (Pharm) (Basle) F R I C (Lond) (*Professor and Head of the Department of Pharmacy*)

K Nagabhushanam M A Fil Dr D Fil (Stockholm) (*Professor and Head of the Department of Statistics*)

C Mahadevan M A, D Sc, F A Sc, M A I M T F N I (*Professor and Head of the Department of Geology*)

Dr P N Ganapathy, M Sc D Sc (*Reader and Head of the Department of Zoology*)

S Venkataraman, B A M L (*Professor and Head of the Department of Law*)

S T Krishnaswamy Chetti, M A M Sc (Lond) D I C (Lond) (*Head of the Department of Applied Physics*)

Dr S R Savur, M A (Hons), Ph D (Lond) (*Professor and Head of the Department of Geophysics*)

N Srinivasan M A (Mad), B Sc (Hons) (Econ) (Lond) (*Professor of History and Politics*)

Eugene Cecil Ian Fond (*Honorary Professor in Geophysics*)

Bh S V Raghava Rao M A, Ph D (Lond) (*Vishakapatnam District Board Professor of Chemistry*)

J Venkateswarlu, M Sc, D Sc, Ph D (Cantab) (*Professor of Botany*)

COLLEGES

Erskine College of Natural Sciences, Waltair

J V D College of Science and Technology, Waltair

University College of Arts and Commerce, Waltair

University College of Law, Waltair.

Agricultural College, Bapatla

Andhra Christian College Guntur

Andhra Jateeya Kalasala Masulipatnam

Andhra Medical College Vishakapatnam

College of Engineering, Kakinada

C S R Sarma College, Ongole

Govt Arts College Rajahmundry

Govt College for Women, Guntur

Govt Training College, Rajahmundry

Hindu College Guntur

Hindu College Masulipatnam

Kavali College Kavali

Maharaja s College Vizianagaram

Medical College Guntur

Mrs A V N College Vishakapatnam

Pithapur Raja s College Kakinada

P B N College Midubroje

Sir C Ramalinga Reddy College, Eluru

S K B Ramars College Amalapuram

S R R & C V R College, Vijayawada

S S N College Narsaraopet

St Joseph s Training College for Women, Guntur

Tenali College, Tenali

The Gudivada College Gudivada

The Narasapur College, Narasapur

Venkatagiri Rajah s College, Nellore

V R S College Chirala

West Godavari Bhimavaram College Bhimavaram

Andhra Women s Sanskrit College, Rajahmundry

A S S L S V S Patasala Aukiripalli (Krishna Distt)

K I N Sanskrit College Tenali

Maharaja s Music College, Vizianagaram

Maharaja s Sanskrit College, Vizianagaram

Narasimha Sanskrit College Chittigudur, Masulipatnam

Sri Bhavanarauana Sanskrit College Ponur

Sri Sarada Niketannam, Guntur

Sri Vadrevu Jogayamma Veda Sanskrit College, Koyvur

Veda and Sanskrit Patsala (College), Nellore

ASSOCIATIONS

ANDHRA CHAMBER OF COMMERCE

Andhra Chamber Building 272/3, Angappa Naick Street, Madras 1

THE GODAVARI CHAMBER OF COMMERCE LTD

Kakinada, East Godavari Dt

THE ANDHRA FILM CHAMBER OF COMMERCE

18/212, Gandhinagar, Buckinghampet, P O Vijayawada 2

THE BEZWADA FILM DISTRIBUTORS (STORAGE) ASSOCIATION

18/212, Gandhinagar, Vijayawada

* Also acts as Commissioner of Commercial Taxes and Custodian of Evacuee property

ASSAM STATE

Area 85,012 sq miles (including N E F A), 54,084 sq miles (excluding N E F A)

Total population 9,043,707 (Males 4,812,166 Females 4 231,541), (Rural 8,629 289, Urban 414,418)

Population according to religion Hindus 5,894,733, Sikhs 4,107, Jains 4,245, Buddhists 22,675, Muslims 1,990,456, Christians 585,399, Jews 209 Other religions Tribal 527,712, Non Tribal 8,144, Zoroastrians 27

Number of Scheduled Castes 424,044, Scheduled Tribes 1 73>,24o

Names of Districts with headquarters in brackets Goalpara (Dhubri), Kamrup (Gauhati), Garo Hills (Tura) Darrang (Tezpur), Nowgong (Nowgong), Sibsagar (Jorhat), Lakhimpur (Dibrugarh), Naga Hills (Kohima), Cachar (Silchar), United Khasi Jaintia Hills (Shillong), Lushai Hills (Aijal), United North Cachar and Mikir Hills (Diphu)

The North East Frontier Agency is situated on the borders of Tibet and has an area of 34,000 sq miles

It is administered under express provisions of the Constitution by the Governor of Assam acting as the Agent of the President The North East Frontier Agency is completely separate from Assam administratively

The Governor of Assam rules with the help of an adviser in Shillong and the ultimate responsibility for the area rests with the External Affairs Ministry

Districts in Agency with headquarters in brackets Mishmi Hills (Tezu), Abhor Hills (Along) Tirap Frontier Tract (Margherita) Se La Sub Agency (Bomdilla) Naga Tribal Area (Tuen Sang) Subansiri Area (Zero)

Number of Tahsils In Assam Tahsils are termed as Circles

Number of District Boards in the State 15 (there are 14 Local Boards)

Number of Municipalities 14

Number of Town Committees 9

Number of Cantonments 1

Number of Panchayats 98 on 27th October 1953

Number of villages 25,327

Names of Towns with a population of over 50,000 Shillong 53 758 (excluding Cantonment area comprising a population of 4,756)

Strength of the Legislative Assembly 108 Members

Number of members returned from State to the House of the People 12

Number of members from the State to the Council of States 6

40 per cent of the population are recorded as speaking Assamese and about 24 per cent Bengali Other languages spoken in the State are Hindi, Uriya, Mundari, Nepali and a great variety of languages classified under the general heading of the Tibeto Burman languages

GEOGRAPHY

The river basins are naturally fertile and present in the main few difficulties to the cultivator Rice is the staple food crop Rainfall being high the problem in general is to dispose of the surplus water and to control the action of floods rather than irrigation in the usual sense Tea and jute are the most important crops grown for export Besides potatoes are also cultivated in Assam A good deal of short staple cotton is grown in the hills

Rainfall is everywhere abundant and ranges from 50 to 238 inches a year leaving aside the highest recorded rainfall in this part of India with the maximum reached at Cherrapunji in the Khasi Hills (569 60) this is one of the wettest places in the world Temperatures are moderate

Earthquakes of considerable severity have taken place By far the worst was that which occurred in 1950 August, one of the world s five biggest recorded tremors

INDUSTRIES

Main cottage industries of State with location in brackets Sericulture (Sibsagar District) and Weaving (Cachar District and Suwalkuchi in Kamrup District) Both these industries are carried on extensively throughout the State Both these industries are in the infant stage in the Hills areas

Value of total production Rs 3 53 33 000

Value of production of individual industries Weaving products (Rs 3 00 00 000) Muga raw silk (Rs 33,00 000), Mulberry raw silk (Rs 6 33,000), Open Eri Cocoon (Rs 14 00,000)

Production of individual industries (Approximately) Cloth—30 000 000 yards Mulberry raw silk—21 100 lb Muga raw silk 110 000 lb Open Eri Cocoon—400 000 lb

Total number of workers in Cottage Industries 1 950 000

Number of workers in individual industries Weaving (1,250 000) Sericulture (700 000)

Budget grant for the year 1953 54 Rs 13 00 000

Total number of workmen employed in the State in registered factories 66 640, Women—10,554, Children—905

AGRICULTURE

Main food crops of the State Rice Rape Mustard, Sugar cane, Potato Pulses Maize and Oranges

Main cash crops of the State Tea, Jute, Cotton and Tobacco

Total production of food crops in tons 1 653 760 tons Autumn Rice 301,400 tons Winter Rice 1 103 000 tons Spring Rice 2 500 tons, Rape and Mustard 54 560 tons Sugar cane 68,000 tons, Potato 124,300 tons

Pulses Maize and Oranges Not estimated

Production of individual cash crops in tons Tea 36,438 837 lb Jute 790 200 bales (one bale = 4 001 lb) Cotton 11 880 bales (1 bale = 392 lb), Tobacco 9,150 tons

Total geographical area of the State in acres 35,764,120 acres

Area ultivated 6 313 790 acres

Area cultivated twice 814,451 acres

Area under food crops 4,450,000 acres

Area under cash crops 1 114,992 acres

Area under individual food crops Autumn rice (Ahu)—914,135 acres, Winter rice (Sali and Bao) 3 126,992 acres Spring rice (Boro) —7,251 acres, Rape and Mustard—313,075 acres, Sugar cane—58,238 acres, Potato—59,382 acres

Area under individual cash crops Tea—382 199 acres, Jute—248,969 acres, Cotton —29,786 acres, Tobacco—23,403 acres

PLANTATIONS

Plantation in the State Tea

Area of Plantation 1,473,626 acres

Number of Plantation (for tea) 1,001

Produce from plantation Black tea—337 634 613 lb Green tea—2 754 224 lb

Average daily number of workers

a) Permanent garden labour 476 074

b) Permanent outside labour 33 211

c) Temporary outside labour 29 578

Variety of fish produced Rahu Catla Mriga and Mali, etc

Number of fish farms 5 (under Government control)

Fish seed collecting centres 6

FORESTS

Total forest area in State 29,416 sq miles

Reserve forests 6 350 sq miles Protected forests 62 sq miles, Unclassed State forests 23,004 sq miles

Total area of private forests 975 sq miles inclusive of Corporation Forests

Main types of Forest with some species of trees of economic importance occurring in them

Evergreen forests mixed deciduous forests, deciduous and dry deciduous forests riverain forests Savannah forests, swamp forests bamboos and temperate forests

Total revenue from forests and total expenditure (1951 52)

Revenue	Rs 65,75,451
Expenditure	Rs 47 74 837

Main Forest produce with the quantity and value of each variety in brackets

Timber Drift Wood etc (5 952 000 cft, Rs 46 57 306), Firewood (5,977 000 cft, Rs 95 534) Bamboos (16 405 685 Nos and 3 791 992 sq ft Rs 3 34,950), Elephants (182 Nos Rs 1 90 376), Cane (35 409 455 Rft and 7 618 bundles Rs 3 42 428), Agar (79 mds, Rs 13 900) Lac (8,074 mds Rs 54 060) Chalmugra (438 mds Rs 1,985) Elephant/Tusks (4 mds Rs 3,181), Rhino (3 Nos, Rs 37,708), Thatch (7 390 770 bundles, Rs 40,134), Fishery (Leases, Rs 15 280), Stone (2 003 310 cft, Rs 38 880), Other minor forest produce (Rs 2,10 098), Miscellaneous (Rs 5 45,873)

Total value of forest produce	Rs 66,11 693
Refunds	Rs 36 242
Net revenue	Rs 65,75,451

Afforestation undertaken during the year 1951–52

Artificial regeneration	2 55 > acres
Natural regeneration	861 ,,
Total	3,416 acres

Total cost of regeneration Rs 2,57,904 inclusive of free labour

Total number of cattle 5 145,576 (Cows—4 735 506 Buffaloes—475 231) Horses and Ponies 15 590, Sheep—32 640 Goats—917 239 Other livestock—201,920 and Fowls—5 050 724

Research Institutes *a*) Bovine contagious Pleuro Pneumonia Scheme (Research Institute) Gauhati, *b*) Cattle Neutritious Scheme (Research Institute, Khanapara, Gauhati)

Area of land reclaimed by State Tractor Organisation since its inception in 1948 49 Ploughed—9,785 acres, Harvour—11,366 acres

Number of Tractors availed of 40

Budget allotment for land reclamation for 1953 54 Rs 3,88,000

LAND TENURE SYSTEM

There are two classes of land tenure system in the State—the permanently settled estates and the temporarily settled estates

Permanently settled estates These are found in Goalpara District and Karimganj Sub division of the Cachar District The land is held by zamindars having intermediaries under them The actual tillers of the land are the tenants who hold land either directly under the zamindars or intermediaries The tenants also pay a fixed amount of rent

Temporary settlement system Also known as the Ryotwari system Prevails in the other plain districts of the State These lands can be divided into La Khiraj, Nisf Hiraj and Khiraj

Initially all these lands were absolutely free from revenue Subsequently lands except those granted for maintenance of temples were assessed only to half revenue The lands assessed to full revenue were called khiraj lands

The peculiarity of this system is that generally the cultivators hold lands directly under the Government unlike the lands in permanently settled estates

The Khiraj lands are again divided into two categories periodic and annual The periodic landowner has a heritable and transferable right whereas the annual landowner has a right of occupation only and has no right of transfer or subletting Subject to the payment of the land revenue the owners of annual lands have a right of renewal of the lease from year to year

Jhumming Cultivation Prevails in the hill districts of Assam Here a particular group of people jointly occupy a particular area They have no individual right over the land In lieu of land revenue they pay a sort of tax known as House tax, Hoe tax or Dao tax which generally varies from Rs 2 to Rs 3 per family

MINES

The only minerals in Assam worked on a commercial scale are coal, limestone and petroleum oil Petroleum output 6 00 00,000 gallons coal output , 25 000 tons , and limestone output 9 86 000 tons The most extensive coal measures hitherto worked are in the Naga Hills and the Lakhimpur district Important deposits also exist in the Garo Hills Limestone is quarried in the Khasi and Jaintia Hills Petroleum is worked only in Lakhimpur and Cachar, and refined only in Lakhimpur

Accounts of the occurrence of petroleum in Assam have been published in the memoirs of the Geological Survey of India The petroleum localities in this State are confined to a curved belt of country along the basins of the Brahmaputra and the Surma This belt is traceable over a distance of some 800 miles from N E Assam through Cachar and Chittagong to the Arakan coast, where it has a S S E trend

Silk is manufactured in the Assam valley, also cotton weaving prevails as a cottage industry, women playing a predominant part In this valley there are no caste weavers In the Surma Valley weavers carry on a brisk manufacture on a commercial scale These handloom products find a ready market on account of the great scarcity of mill made goods

Tea is of course the main industry but there is a large petroleum mining concern and also some coal mines There is a big match manufacturing concern at Dhubri Boat-building, brass and metal and earthenwares, and limestone burning, cane and bamboo work, furniture making, sola hat, smithy, brick making, mustard oil pressing, rice and saw mills are other industries but agriculture employs about 80 per cent of the population Assam carries on a considerable trade with the adjoining hill tribes and countries

TRANSPORT

Much of the trade of Assam is carried by river The extensive system of river communications makes the State less dependent upon roads than other parts of India but there has been much advance in recent years in road communication A fleet of steamers maintained by the India General Navigation Company and the Rivers Steam Navigation Company plies on the rivers in both Valleys There is a day service of passenger boats between Tezpur and Neamati

The open mileage of railway has also shown a steady improvement and several branch lines to the railway system in Assam have been added in recent years including the new Railway joining Assam directly with the rest of India A branch of the line runs from Badarpur to Silchar at the eastern end of the Surma Valley and another runs west down the Assam Valley from Lumding to Pandu

The first direct link by air between Calcutta and Gauhati was established on December 14, 1947 This air service was originally on a non-scheduled basis but very soon it became a daily service which has since been extended to Dibrugarh

The Assam Government have undertaken an experiment in transport organization with the nationalisation of motor transport on a 75-mile long road connecting Gauhati and Nowgong

Post-war road improvement programme envisages an expenditure of Rs 5 crores over a period of 5 years It covers not only construction of new roads but also includes improvement of existing roads to a better standard The scheme also embraces a large bridging programme

The road programme has its special significance in that it is being designed with a view to making Assam self-sufficient in the matter of having its export and import to and from other parts of the Indian Republic transported quickly without having to pass through the Pakistan Dominion At the same time communications within the State have also been improved by provision of necessary feeder roads from and to the arterial road system of the State with a view to securing good market for the surplus produce of certain localities

CIVIL SUPPLIES

Names of controlled articles Rice and Atta

Quantum of each per adult per week 12 oz per adult per day Heavy manual labourers are, however, entitled to 16 oz

Monthly requirement of State according to the quota—(for rationed areas only)—198,000 tons

State s requirement Rice –1 377 000 tons Wheat–4,000 tons monthly, Salt—144 000 (mds) monthly Cloth—4 000 bales per month, Yarn– 2,500 bales per month

The State is deficit in all these articles to the extent of the entire requirement

Import quotas of cloth, yarn, salt and wheat is equal to the entire requirement

System of Procurement in respect of controlled varieties of cloth and yarn Through Government appointed agents

For foodgrains procurement is undertaken by Government themselves through licensees including the rice millers who enter into periodical contracts with Government procurement organisation In the year 1953, 12,300 tons of rice were procured during the first half of the year

Names of towns in which there is rationing Shillong Gauhati, Dhubri, Karimganj, Dibrugarh and Tinsukia

CO-OPERATION

Total number of Co-operative Societies 2,910
Total membership of Co operative Societies 267,270

Total working capital Rs 2,13,64,962

Types of Co-operative Societies and the number of each

Farming (22) ; Milk Societies (1) , Consumer's Co-operative (1,815) , Agricultural Credit (664) , Non Agricultural Credit (147) , Other Types (245)

Number of Central and District Co-operative Banks 14

Provincial Co-operative Banks 2.

Working capital	Rs	82,23,263
Deposits	,,	33,21,984
Paid up share capital	,,	2,76 561
Reserve and other funds	,,	62,718
Dividend for the year		*Nil*

Budget allotment for the department for the year 1953 54 Rs 5,20,670

STATE HELP FOR AGRICULTURE

Manure distributed and the quantity of each Compost 288,144 tons , Oil cake 204 tons , Fertilizers (Bone meal) 486 tons

Quantity of improved seeds distributed Paddy 17 356 mds , Pulses 2,430 mds , Wheat 900 mds

Monetary or other help given by Government to cultivator

A loan of Rs 63,500 was issued to cultivators under the Land Improvement Loan Act during 1951 52

50 per cent of the costs of minor irrigation projects are being realised through manual labourers if they so desire and the balance 50 per cent is shared by Government

Manures and fertilizers are being subsidised by Government

Number of Agricultural experimental farms 9 (excluding 6 district seed farms under Grow More Food ')

Plant protection organisation One

It has been under the supervision of a Mycologist assisted by an Entomologist since 1949 50 During 1951 52, 7 929 acres of paddy 3,155 acres of potato, 208 acres of pulses 3,349 acres of jute and 818 acres of other crops were treated in the field against pest and diseases Besides, 1,585,606 maunds of paddy and 40,479 maunds of pulses were treated in storage A sum of Rs 1,89,000 has been provided in the budget for 1953 54 for the purpose

Target for additional production of food crops under ' Grow More Food' for five years 225,000 tons 79,600 tons already achieved during 1951 52

Highest yield per acre

Sali Paddy—103 maunds 20 seers per acre —Lushai Hills

Potato—102 maunds 25 seers per acre—North Lakhimpur

Budget Grant for work outlined above—Rs 18 62,000 as below

	(Rs lakhs)
Seeds	9 72
Manures	4 05
Plant protection	1 89
Tea Garden Loan	2 00

PUBLIC HEALTH

Commonest diseases in State and mortality from each disease during 1951

Diseases	Persons affected	Death
Malaria and other fever	618,926	38,355
Dysentery and Diarrhoea	115,325	4,037
Respiratory diseases	not available	3,770
Kala-Azar	not available	299

Number of Allopathic Hospitals 95

Number of Allopathic Dispensaries Rural —490 , Urban—8

Number of beds in Allopathic Hospitals 2,681

Number of Ayurvedic Dispensaries Rural—6

Types of special hospitals and the number of each T B Hospital—1 (97 beds), Mental Hospital—1 (716 beds), Leprosy Hospital—9 (707 beds)

Total number of Allopathic doctors (Rural and Urban)—2,519

Total number of Ayurvedic doctors (Rural and Urban)—105

Total number of Nurses—585

Total number of Dhais (Rural and Urban)—370

Total number of Compounders—1,968

Total number of indoor patients treated in Hospitals in 1951—45,407

Total number of outdoor patients treated in Hospitals during 1951—2,112,938

Total number of Government Hospitals—60

Total number of Government doctors Allopathic—203 Ayurvedic—1

Total number of Government Nurses 112

Total number of Medical Colleges Allopathic—1 Ayurvedic—1

Total number of Students Allopathic—412, Ayurvedic—48

Special Medical Research Institute 1 (Pasteur Institute)

Strength of staff on the preventive side of the Department—177

Budget allotment for Public Health for 1952-53 Rs 29,58,000

EDUCATION

The information furnished below relate to the year 1951-52

Elementary Schools

Total number of elementary schools—11,172

Total enrolment 620,682

Total number of teachers 16,554

Total expenditure Rs 60,84,745

Contribution by State Government Rs 56,05,103

By Local Bodies Rs 12,04,263

By Private agencies Rs 6,05,877

Nursery Schools

Unrecognised Nursery Schools for girls 2

Total enrolment 441

Total number of teachers 12

Number of schools with Nursery classes attached 4

Total enrolment in such classes 114

Number of schools with Nursery classes attached to urban areas 4

Number of Nursery Schools in Rural Areas 12

Total expenditure on Nursery Schools, Rs 5,780

Secondary Schools

Total number of Secondary Schools for boys 1,148, for girls 153

Total enrolment 210,543

Total number of teachers 8,200

Total expenditure on Secondary Education Rs 89,59,493

Contribution of State Government Rs 44,50,908

By Local bodies Rs 5,86,445

By Private agencies Rs 12,25,388

Fees Rs 33,17,135

European and Anglo Indian Schools

Number of European and Anglo Indian Schools 4

Total enrolment 694

Total Government grant Rs 67,321

Number of Sanskrit tols 146

Enrolment 1,460

Government grant Rs 34,212

Number of Arabic Madrassas 102

Total enrolment 6,952 approximately

Government grant Rs 68,292 approximately

Number of Elementary schools owned by State Government 900, by School Boards 9,149, by Private agencies 1,123

Number of Secondary schools owned by State Government 109, by Central Government 2, by Local Bodies 332, by Private agencies 858

Number of Colleges owned by State Government 1 by Local Bodies Nil, by Private agencies 16 (Recognised)

Number of teachers' training institutions owned by State Government 10, by Local Bodies 12, by Private agencies 12

Number of Commercial and technical institutions owned by State Government 3, by Local Bodies 3, by Private agencies 15

Number of European and Anglo Indian Schools owned by State Government 1 by Private agencies 3

Number of Sanskrit Pathshalas owned by Private agencies 146

Number of Arabic Madrassas owned by State Government 1 by Private agencies 101

Number of nursery schools owned by Private agencies 12 (unrecognised)

Schools for Defectives

Total number of schools for defectives 1

Total enrolment 16

Number of teachers 2

Number of schools for deaf and dumb 1

Enrolment 16

Number of teachers 2

Government grant Rs 2,400

Schools for Social Education

Number of Institutions 1,200

Number of teachers 1,281

Total expenditure Rs 1,45,259

Contribution by State Government Rs 1,41,759, by private agencies Rs 3,500

Training Institutions

Total number of teachers training institutions 34

Number of training institutions which confer degrees 1 (Gauhati University)

Total number of teachers on staff of teachers training institutions 122

Total number of students at Diploma Institutions 108

Total number of new trained teachers available for staffing elementary schools in a year 424

Total number of new trained teachers available for staffing secondary schools in a year 652

Total expenditure on teachers training institutions Rs 4,18,389

Contribution by State Government Rs 3,55,399, By Local Bodies Rs 54,680, by private agencies Rs 7,812, Fees 498

Commercial and Technical Institutions

Total number of Commercial and technical institutions 21 (Commercial 8, Technical 13)

Total enrolment 1,361 (Commercial Institutions 625, Technical Institutions 736)

Total number of teachers 113 (Commercial 38, Technical 75)

Total expenditure Rs 2,40,054

Contribution by State Government Rs 1,65,669, by Local bodies Rs 7,069, by private agencies Rs 18,223, Fees Rs 49,093

Research Institutions

Kamrup Anusandhan Samity, Gauhati

Assam Provincial Museum, Gauhati

Assam Paribhasa Committee, Gauhati

Colleges

Number of colleges 17 recognised and 3 unrecognised

Total number of women's colleges 3

Total enrolment 6,923

Total number of teachers 356

Total expenditure on Collegiate Education Rs 14,88,344

Contribution by State Government Rs 6,90,253, By private agencies Rs 70,147, Fees Rs 7,27,944

Professional Colleges

Total number of Professional Colleges 3

Number in each category—Medical 1, Agriculture 1, Veterinary 1 Law 1

Total enrolment 394

Total enrolment in each category Medical 312, Agriculture 82, Veterinary 106 Law 286

Total number of teachers 52

Total expenditure on Professional Education Rs 8,03,693

Contribution by State Government Rs 7,29,677, by private agencies Rs 3,500, Fees Rs 70,478

The grant given by the Central Government in the year 1950-51 for education of backward classes Rs 1,14,732

Grant given by the Central Government in the year 1950-51 for expansion of education schemes Rs 1,14,732

COMPULSORY ELEMENTARY EDUCATION

Elementary education is compulsory in selected Plains areas in the State

During the year 1952-53 compulsory elementary education was introduced in selected areas of 11 Plain Sub-divisions of the State. It covered 12 towns and 4,163 villages. Majority of the children of age group 6-11 were benefited by the Scheme

Total number of children in State in age group 6-14 582,938

SOCIAL EDUCATION

Social Education curriculum is mainly comprising of the following subjects. Literacy and follow up work. Knowledge of health and hygiene, Knowledge of democratic citizenship and encouragement of crafts and Cottage Industries

The literacy work in the State is carried on in the night classes in the Social Education Centres called the 'Janasikha Kendras'. Text books, reading charts, kerosene expenses, lamps, etc. are supplied by the Department. The centres are run mostly by Primary school teachers. The classes are held daily and the enrolment varies from 20 to 30.

Literacy courses are held thrice a year—each term of 3 months duration generally, *i.e.* 3 terms in a year. At the end of each term a literacy test is held and successful candidates are declared as passed. Almost all the Social Education centres are run with two sections in each, namely the Pre-literacy section and the Post-literacy section.

Place of Language in the Education System

The regional language is not compulsory in any stage of education in this State, the teaching of Hindi is compulsory from Class IV of selected secondary and special schools of the State. It continues upto the end of Secondary stage. The teaching of English is compulsory from Class IV onwards, the medium of instruction at the College stage is English.

At present there is no scheme under consideration of Government to replace English by the regional language or any other languages.

Scheme for Basic Education

In the year 1951-52 there were 147 Basic Schools, with an enrolment of 7,589 students.

The Scheme for Basic Education was first introduced in this State only in the year 1949-50 on the lines of Wardha Basic Education Scheme.

Due attention was paid to the productive side of Basic Education.

It is expected that the existing 5 training centres with Basic Schools under them will earn on an average Rs 1,000 per centre.

Public Examinations. Middle School Leaving Certificate and Scholarship Examination is the only public examination which is compulsory for the students of High and Middle schools of the State.

Body controlling the Examination. Board of Middle School Leaving Certificate and Scholarship Examination.

Number of students who appeared for this Examination during 1952-53 27,807, Percentage of failure 41.1

Re-organisation of Education A new curriculum in Primary and Secondary stage is under active consideration of the Government

LABOUR

Average daily number of workers in registered factories 66,640, Women—10,554, Children—905

Names of industries in which a minimum wage is fixed Tea Plantation

Total number of Trade disputes for the year 1952 1,781

Total number of Strikes 19
Total number of workers affected 7,466
Number of Man days lost 66,102
Number of Trade Unions in State 96
Total membership of Trade Unions (as on 31st March 1952) 97,704

Number of Labour Welfare Centres in State 14
Strength of Labour Welfare Staff 36

Number of houses built through Industrial Housing—Number of Houses built by tea industries is 20,885

STATE BUDGET FOR 1953-54
(ESTIMATES)

Total revenue	Rs 13,00,79,000
Total expenditure	,, 14,97,28,000
Deficit	,, 1,96,49,000

POPULATION OF DISTRICTS

	Assam Districts	Total	Males	Females	Rural	Urban
		9,043,707	4,812,166	4,231,541	8,629,289	414,418
1	Cachar	1,11,886	588,306	527,559	1,054,489	61,376
2	Goalpara	1,108,124	588,999	519,125	1,067,494	40,629
3	Kamrup	1,490,392	799,391	691,001	1,416,512	73,880
4	Darrang	913,841	491,618	422,223	891,390	22,451
5	Nowgong	886,900	476,578	410,377	843,420	43,480
6	Sibsagar	1,212,224	647,932	564,292	1,172,905	39,319
7	Lakhimpur	1,078,157	586,306	491,851	1,021,728	56,429
8	United Khasi and Jaintia Hills	363,599	186,652	176,947	305,087	58,512
9	Naga Hills	205,950	103,104	102,846	201,825	4,125
10	Lushai Hills	196,202	96,136	100,066	189,252	6,950
11	Garo Hills	242,075	124,054	118,021	242,075	
12	United Mikir and North Cachar Hills	165,440	86,430	79,010	163,272	2,168
13	Mishmi Hills	32,163	17,953	14,210	27,119	5,044
14	Abor Hills	10,761	6,348	4,413	10,761	
15	Tirap Frontier Tract	5,213	3,050	2,163	5,213	
16	Balipara Frontier Tract	9,721	5,862	3,859	9,721	
17	Naga Tribal Area	7,025	3,447	3,578	7,025	

Irrigation Projects*

Name of Project	District/Area Benefited	Date begun	Date of completion	Total Cost Rs in Lakhs	Development Expenditure Five Years 51-56 Rs in Lakhs	Area to be irrigated on completion in 000 Acres
Navigation embankment and drainage projects	Entire State	1951-52	1955-56	100	100	218
Protection of Dibrugarh town	—	1952-53	1955-56	100	100	
Total				200	200	218

Power Projects*

Name of Project	District/Area Benefited	Date begun	Date of completion	Total Cost Rs in Lakhs	Development Expenditure Five Years 51-56 Rs in Lakhs	Installed capacity power in thousand kW
Umtru Hydro electric project	Gauhati and surrounding areas	1949-50	1956-57	85	83	7

ADMINISTRATIVE PERSONNEL

GOVERNOR

Jairamdas Doulatram

PERSONAL STAFF

Private Secretary, T S Krishnamurti, M A, B Com

Aide de Camp, Lt L P Kamath

Personal Assistant, M V Raisinghani

Supdt of the Military Secretary's Office, B Farwell, B A

Adviser to the Governor N K Rustomji I C S

COUNCIL OF MINISTERS

Chief Minister and Minister in charge of Appointment, Home, Co ordination of all Departments, Departments relating to Autonomous Districts and Welfare and, Development of Tribes living in plains and Hills, Co ordination of the Five Year Plan with Development of the State and Matters relating to Election, Bishnuram Medhi, M Sc, B L

Minister in charge of Finance and Revenue (including Mines and Minerals, Distribution and allotment of land, Land Reforms, Land Development and Land Reclamation, Acquisition of Zamindary Departments), Relief and Rehabilitation Departments, Motiram Bora, M A, B L

Minister in charge of Public Works Department (including Embankment and Drainage and Flood Protective Measures), Transport and its Nationalisation, Siddhinath Sarma, B Sc, B L

Minister in charge of Labour and Labour Welfare, Education, Development of Backward Areas and Welfare of Backward classes and Tribes, Omeo Kumar Das, B A

Minister in charge of Food, Pisciculture, Agriculture including Grow More Food, Co operative, Rural Development, Weaving, Sericulture, Cottage Industries and Publicity Departments, Mohendra Mohan Chaudhury, B L

Minister-in charge of Supply, Procurement, Consumer Goods, Textile, Development of Trade

* From the report of the Planning Commission

and Commerce, Development of Major Industries and Planning Departments, Baidyanath Mookerjee, B A

Minister in charge of Medical, Public Health and Judicial Departments Rupnath Brahma, B L

Minister in charge of Forest, Legislative (excluding matters relating to Election) Electricity and General (including Printing and Stationery) Departments, Ramnath Das, B L

Minister in charge of Excise Jail Registration and Stamps Rev J J M Nichols Roy B A

Minister in charge of Local Self Government Veterinary and Livestock Departments Abdul Matlib Mazumdar, M A B L

DEPUTY MINISTERS

Revenue, Relief and Rehabilitation, Hareswar Das, M A B L

Labour Welfare and Education, Purnananda Choltia B A

PARLIAMENTARY SECRETARIES

Public Works Department, Transport, Medical and Public Health, Chongthu Siprawanga

Parliamentary Affairs Mohi Kanta Das B L

Community Projects Co operative Rural Development and Cottage Industries Rabin Kakoti

SECRETARIAT

Chief Secretary S K Dutta, I C S

Joint Secretary, Home Appointment Confidential and General Administration Departments D Das I A S

Secretary Finance Department Dr M N Goswami, I A S

Secretary Revenue and Agriculture Departments S C Bagti I A S

Secretary Rural Development Co operative Societies Sericulture and Weaving Departments, etc K C Barua, I A S

Secretary Labour Transport Industries, etc, Departments, S K Mallick, I C S

Secretary Relief and Rehabilitation Department, D Das, I A S

Secretary Supply Department A N Kidwai, I C S

Secretary, L S G Education and Medical Departments, I Majid I C S

Secretary, Tribal Areas Department, R V Subrahmanian I A S

Secretary, P W Department G N Dutta, B E

Addl Secretary P W D, B B Choudhury, B E

Secretary Legislative and Judicial Department S K Dutta B Sc (Lond), Bar at Law

Addl Secretary (Ex officio), Legislative Department, R R Khaund

Joint Secretary, Home Department, K R Chaudhuri, I P

Deputy Secretary, Education, L S G, Agriculture and Medical Departments, H N Deka, B L, A C S

Deputy Secretary, Finance Department, G C Phukan, M A, B I, A C S

Deputy Secretary (Ex Officio), Textile Department, Anwar Hussain A C S

Under Secretary Finance Department P L Shome, A C S

Under Secretary, Appointment and Home Departments, K K Padmapati A C S

Under Secretary Revenue Department, U K Sarma A C S

Under Secretary Education I S G and Medical Departments, Haremba Nath Bora A C S

Under Secretary Supply Department S K Bhattacharjee A C S

Under Secretary Relief and Rehabilitation Department, K K Saikia, B L, A C S

Under Secretary Transport and Industries Department, I K Das, A C S

Under Secretary P W D Syamapada Chaudhury B E

Addl Under Secretary, P W D P C Sarma, B E

Under Secretary (Ex Officio) Co operative Societies J Gogoi

Under Secretary, Sericulture and Weaving R Dutta

Under Secretary Tribal Areas Department, Rana K D N Singh I A S

Under Secretary Legislative and Judicial Departments, R C Chaudhury M A, B L

Addl Under Secretary Finance Department I C Sarma M A

Assistant Secretary Development and Labour Departments I Barua

Assistant Secretary Supply Department D K Sen

Assistant Secretary P W Department K Barthakur

Assistant Secretary L S G, Medical and Education Departments K R Kar

Special Officer for Revision of L S G Manual, Sukhamoy Sen

Registrar, Assam Secretariat (Civil) D Nath

Registrar Assam Secretariat (P W D), K K Gupta

HEADS OF DEPARTMENTS

Accountant General, A K Mukherjee, M A, I A & A S

Collector of Central Excise, B B Barman

Commissioner of Income tax, Calcutta (Central), Assam Tripura and Manipur, P Mukherjee, B A

Director of Posts & Telegraphs, K V Pai, B E

Conservator of Forests (Senior), P D Stracey, I F S

Conservator of Forests (Junior), M C Jacob, I F S

Chief Engineer, G N Dutta, B E

Chief Inspector of Factories & Electrical Adviser to Government, G C Goswami, B Sc (Cal), B Eng (Sheff), A M I Mech E

Chief Inspector of Boilers, S S Banerjee B Sc (Cal) B Sc (Eng), A M I E

Commissioner of Labour, H P Duara B Com (Leeds)

Director of Supply and Controller of Rationing S Barkataki I A S

Custodian of Evacuee Property U K Sarma, A C S

Director of Agriculture I K Handique B Sc Agri (Edin)

Director of Veterinary Services G K Mehra M R C V S

Director of Public Instruction, D Goswami M A

Commissioner of Excise and Registrar of Joint Stock Companies, N N Chakrabatti I A S

Director of Industries and Registrar of Co operative Societies K C Barua I A S

Director of Health Services Medical and Public Health J K Saikia M B D T M

Director of Publicity, I P Chaudhury M A, B L, B I

Director of Technical Education D Goswami M A

Commissioner of Divisions cum Food Commissioner, G P Barman I A S

Inspector General of Police, K R Chaudhury, M A, M B E I P

Inspector General of Prisons I K Saikia M B, D P M

Director of Land Records and Surveys and Registrar of Births etc A N Bhattacharjee I A S

Additional Director of Agriculture S Majid B Sc I A R I

Legal Remembrancer S K Dutta B Sc (Lond) Bar at Law

State Transport Commissioner, S K Mallick I C S

Director of Community Projects K Balachandran, I C S

Director of Economics and Statistics S C Sarma M Sc (Cal) M A (Colombia)

JUDICIAL DEPARTMENT

Mr Justice Sarjoo Prasad, M A B L, Chief Justice Rai Sahib Justice Ram Labhaya, L L B Puisne Judge Mr Justice H Deka M A, B L, Puisne Judge J C Medhi, M A, B L Registrar D N Choudhury, B Sc, Deputy Registrar C M De, B A, Asstt Registrar Sarat Kumar Dutt, B Sc (London), Bar at Law, Superintendent and Remembrancer of Legal Affairs and Administrator General and Official Trustee Ramesh Chandra Chaudhury, M A B L, Law Assistant to the Legal Remembrancer S M Lahiri, M A B L, Advocate General Dinanath Medhi B Sc, B L, Senior Government Advocate Rajani Kanta Goswami B L, Junior Government Advocate and Editor, Law Reports, Assam Series Pulakananda Das B L Editor, Indian Law Reports, Assam Series

UNIVERSITY OF GAUHATI

Gauhati, Assam

VICE CHANCELLOR

K K Handiqui, M A (Cal et Oxon)

REGISTRAR

P Datta, M A, B L

Teaching, Affiliating and Residential

Subjects where provision exists for post-graduate and research

Assamese, Philosophy, Economics, History, Education, Mathematics, Statistics, Botany and Commerce

Number of colleges affiliated 20 (including one constituent college)

Number of students Affiliated Colleges 7,618, University Departments 1,072

Grant from State Government

Annual recurring grant of Rs 5,00,000

LIST OF COLLEGES

Assam Agricultural College, Jorhat
Assam Medical College, Dibrugarh
Assam Veterinary College, Gauhati
B Barooah College, Gauhati
B N College, Dhubri
Cotton College, Gauhati
Dibrugarh H S Konai College, Dibrugarh
Drrang College, Tezpur
D M College, Imphal (Manipur)
Gurucharan College, Silchar
Handique Girls' College, Gauhati
J D College, Jorhat
Karimganj College, Karimganj
Lady Keane Girls College, Shillong
M C College, Barpeta
Nalbari College, Nalbari
Nowgong College, Nowgong
St Anthony s College, Shillong
St Edmund s College, Shillong
St Mary's College, Shillong
University Law College, Gauhati

BIHAR STATE

Area 70 330 sq miles

Total Population 40,22 947 (Males 20,223,67o , Females 20,002,272)

Urban population 37,521,216 , Rural 2,704,731

Number of Scheduled Castes 5,057,812 , Scheduled Tribes 4 049 183

Administrative Divisions —Patna, Bhagalpur, Tirhut and Chota Nagpur

Districts with names of District Headquarters in brackets in each Division

Patna Division Patna (Patna) Gaya (Gaya), Shahabad (Arrah)

Tirhut Division Muzaffarpur (Muzaffarpur), Saran (Saran) Champaran (Motihari) Darbhanga (Laheriasarai)

Bhagalpur Division Bhagalpur (Bhagalpur), Monghyr (Monghyr), Purnea (Purnea), Santal Parganas (Naya Dumka)

Chota Nagpur Division Ranchi (Ranchi), Hazaribagh (Hazaribagh) Palamau (Dalton ganj), Singhbhum (Chaibassa), Manbhum (Purulia)

Number of Districts 16, Number of District Boards 17 Number of Municipalities (including Patna Municipal Corporation) 53

Number of Notified Area Committees 13, Number of Panchayats 5 831, Names of towns with a Population of over 50 000 Patna, Monghyr, Jamshedpur, Muzaffarpur, Gaya, Chapra, Bhagalpur, Arrah, Ranchi, Bihar, and Darbhanga

Strength of State Legislative Council 72, Strength of Assembly 331, Number of members returned from State to House of People 55, Number of members returned from State to Council of States 21

Estimated receipts 1953 54 Rs 43,53,00,000, Estimated expenditure Rs 44,95,00,000, Estimated Deficit Rs 1,42,00,000

GEOGRAPHY

Bihar lies between 20 30′ and 27°30′ N latitude and between 82°31′ and 88°26 E longitude and includes the former States of Seraikella and Kharsawan It is bounded on the north by Nepal and the Darjeeling District of West Bengal, on the east by West Bengal and East Pakistan, on the south by the State of Orissa, and on the west by Uttar Pradesh and Madhya Pradesh

The area of the territories which constitute the Governorship of Bihar is 70,330 square miles The State comprises the plateau land of Chota Nagpur and the valley of the Ganges from the spot where it issues from the territories of the Governor of Uttar Pradesh till it enters West Bengal near Rajmahal Following the main geographical lines, there are four Civil Divisions with headquarters at Patna, Muzaffarpur, Bhagalpur and Ranchi The headquarters of Government are at Patna The new capital which lies between the Military Cantonment of Dinapore and the old civil station of Bankipore is known as ' Patna," the old town being called Patna City '

Bihar is more thickly populated than Germany Hindus form an overwhelming majority of the population Though Muslims form about one tenth of the total population they constitute more than one fifth of urban population of the State Animists account for about 6 per cent These are inhabitants of the Chota Nagpur plateau and the Santal Parganas, the latter district being a continuation of the plateau in a north easterly direction

Although there is a great deal of mineral wealth in Chota Nagpur and important industries are developing in connection with it, still for the bulk of the population of the State agriculture continues to be the basic occupation Over 80 per cent of the population depends wholly on agriculture, while only 7 8 depends on industries

The soil throughout the whole of that portion of the Indo Gangetic plain lying within the State boundaries is extremely fertile particularly in North Bihar, in parts of which the density of the population is more than 900 people to the square mile The State occupies a transitional position between Ganges delta with its damp climate so suitable for the paddy crop and the States to the north and west where large irrigation schemes have had to be provided to enable the soil to produce its bounty As in the delta of the Ganges rice is by far the most important crop as it occupies normally an area of approximately 12 million acres or over 50 per cent of the net cropped area of the State As canal irrigation is available only in the Sone Valley and to a moderate extent in Champaran District, the importance of the south west monsoon to the State of Bihar can not be overestimated

In addition to the rice crop however other grain crops are grown on a tolerably large scale Of the monsoon cereals maize wheat and barley are extensively grown The cultivation of oilseeds like castor, mustard and linseed forms a large and important part of the agriculture of Bihar

After Uttar Pradesh, Bihar is the most important white sugar area in India, some 23 per cent of the total production of white sugar in the country being turned out in Bihar factories

Jute is also an important crop and is confined almost entirely to the Purnea District on the West Bengal border

Tobacco is a crop of increasing importance in the State and one which is likely to expand in importance

LARGE SCALE INDUSTRY

The main large scale industries are

Iron and Steel, Aluminium, Lead, Foundry, General and electrical engineering, Bicycles, Tanning, Leather goods and foot wear making, Sulphate of ammonia, Hume pipe and R C C products, Asbestos products, Glass and glass wares Ceramics, Cement, Heavy chemicals, Woollen textiles, Cotton textiles, Jute textiles, Silk and Art silk, Tobacco Distilleries Bezol, Sugar, food industries, Roller flour mills, Mica and Shellac

The number of registered factories in Bihar on 31st December 1951 2,605

Number of registered Factories in individual principal industries as on 31 12 1951

Sugar including 9 Khandsari and 5 Gur factories 40 Cement 5 Iron and Steel including foundries 17, Chemicals 12, Electrical undertakings 22 Rice Milling 119 Dal Milling 21 Flour Milling 22, Cotton textile including 2 small handloom factories 4 Oil Milling 77 Engineering 7, Railway workshop 9 Silk Textile 7 Saw Milling and wood working 29, Paper, Pulp and Paper board 3 Bricksand Tiles 14 Glass and Glassware 10 Motor Vehicles 35 and Jute 4

Total number of workmen employed in the mines 2 32,673

Number of workmen employed in individual industries as on 31 12 1951

Sugar 22 507 Cement 4 125 Iron and Steel 34 832, Chemicals 918, Electrical undertakings 2 587, Rice Milling 4 777 Dal Milling 370, Flour Milling 234, Oil Milling 2,571 Cotton Textile 1 308 Engineering 623, Railway workshop 13 623 Silk Textile 307, Saw Milling and Wood working 605, Paper Pulp and Paper Board 1 309 Bricksand tiles 6 837, Glass and Glassware 1,519, Motor Vehicles 1,907 and Jute 6 403

COTTAGE INDUSTRIES

The main cottage industries in the State

(A) Textile industries 1) Cotton Weaving, 2) Hand spinning and khadi industries 3) Sericulture *a*) Mulberry silk, *b*) Eri Silk *c*) Tasar Silk 4) Wool sheaving, spinning and weaving, 5) Dyeing and printing 6) Tailoring, embroidery and Zardozi, 7) and Twine and rope making

(B) Wood working industries 1) Sewing, 2) Village Carpentry 3) Furniture making, 4) Bamboo work and Basketry 5) Palm leaves products, 6) Handmade paper making, 7) Charcoal burning, 8) Manufacture of toys, combs, flutes, drums, hookas, laths etc

(C) Metal industries 1) Village Smithy, 2) Cutlery, 3) Manufacture of trunks etc, 4) Brass and bell metal work, 5) Gold and Silver smithy

(D) Leather and allied industries 1) Tanning, 2) Foot wear and leather goods making, 3) Manufacture of manure from dead animal, 4) Mother of Pearl button making

(E) Ceramics Industries 1) Village pottery, 2) Brick making, 3) Manufacture of stoneware and porcelain articles, 4) Lime

(F) Chemical Industries 1) Shellac manufacture, 2) Extraction of saltpetre, 3) Soap making, 4) Kath making, 5) Miscellaneous chemical industry

(G) Miscellaneous cottage industry

Budget grant for the development of cottage industries in Bihar for 1952 53 Rs 20,00,821 and for 1953 54 Rs 21,87,779

MINERALS

Chief Minerals	Quantity	Value in rupees
Iron ore	About 14 lakhs tons annually	2 crores 10 lakhs
Coal	About one crore 15 lakhs tons annually	About 26 crores
Mica	About 3 lakhs cwt	About 5½ crores
Manganese	About 25,000 tons	About 15 lakhs
Kyanite	About 20,000 tons	About 1 crore 31 lakhs
Asbestos	About 260 tons	1 lakh 81 thousand
Copper ore	About 3,60,000 tons	About 1 crore 20 lakhs

AGRICULTURE

Main food crops Rice, Wheat, Barley, Maize, Gram, Khesari and Arhar

Total production of food crops and total area under food crops 68,47 000 tons, 2,09,03,000 acres

Production of each food crop Rice (49,73,000 tons), Wheat (3,69,000 tons) Barley (1,99,000 tons), Maize (4 60,000 tons) Gram (3,21,000 tons), Khesari (3,82,000 tons), Arhar (1,43,000 tons)

Main cash crops Sugarcane, Jute, Chillies and Tobacco

Total production of cash crops and total area under cash crops 25,46 000 tons and (jute) 6,94,000 bales, 9 33,000 acres

Production of each cash crop Sugarcane (25,06,000 tons), Jute (6,94 000 bales of 400 lb each), Chillies (21,000 tons), Tobacco (19,000 tons)

Variety of fish produced (inland) Carp, Catfishes, feather backs, Murrells and miscellaneous

Estimated production of fish 10 lakh maunds valued at Rs 7 crores approximately

Estimated fishing population 22 lakhs

Forests

Total forest area 15 038 square miles Total area of private forests 11,796 sq miles Types of forests Mainly sal

Total revenue from forests for 1951 52 Rs 61,77,265 and total expenditure Rs 57,46,232

Main forest produce	Quantity	Value in rupees
Timber	4,913 c ft	Rs 40,01 071
Fuel	7,955 c ft	,, 13 99,364
Bamboo	1,38 31 179 Nos	,, 8 55,641
Sabaigrass	42,632 md	,, 54,945
Kendu leaves	91,265 md	,, 77,268
Thatch grass	1,043 md	,, 361
Broom grass stick	45,895 md	,, 6 128
Lac	105 md	,, 8,422

An afforestation division has been functioning since 1951 An area of 304 acres was afforested during 1952

Total number of Cattle 1 52,97 476, Cows 68,59 904, buffaloes 33,15,876 working bulls (cattle over 3 years) 61,68,187, bulls (buffaloes) over three years 6,47,571, horses and ponies 6,52,926, sheep 10,49,589, goats 59,41,259 donkeys 39 946, mules 2,389, camels 1,335, pigs 6,52,756

Poultry Hens 21,07,142, cocks 16 36,521, chickens 40,68,561, ducks 1,90,086, drakes 1,12,117, ducklings 1,50,133

TRANSPORT

Total mileage of roads 6,376 miles, metalled roads 3,278 miles, unmetalled roads 2,275 miles

Total mileage of waterways Length open for navigation 197 miles

The transport has been nationalised and the transport authority is at present the Rajya Transport, Bihar Pending the formation of the State Transport Corporation, the services are being run departmentally and a committee has been set up for the administration of the scheme

Capital invested (1952 53)

Main Scheme	Rs	41,86,285- 0-3
Jamshedpur	Rs	3,32,136- 9-9
Total	Rs	45,18,421-10-0

Total mileage covered Main Scheme 338 miles, Jamshedpur 23 miles and Seraikella 96 miles

Total expenses of authority (1952-53)

Main Scheme	Rs	2,25,683- 0-6
Jamshedpur	Rs	3,08,146-15-0
Seraikella	Rs	62,059- 2 0
Total	Rs	5,95,889- 2-6

Total revenue (1952 53),

Main Scheme	Rs	5,30,686-12-6
Jamshedpur	Rs	4,02,155- 6 0
Seraikella	Rs	85,808- 3-0
Total	Rs	10,18,600- 5-6

Profit

Main Scheme	Rs	1,08,937-0-0
Jamshedpur, Seraikella	Rs	1 02 677-0-0
Total	Rs	2,11,614-0-0

Extra amenities have been provided for the passengers in the form of modern comfortable buses with foam rubber cushioned seats accommodating in a convenient and luxurious manner 38 passengers excluding drivers Special luxury coaches having more commodious seats furnished with pleasing upholstery, lights special head rests green perspex windows clocks and fans with individual control, are also available on important routes

After nationalisation, only the third class fare has been increased by 25 per cent But the Rajya Transport are charging fares at the rate fixed by Government prior to the increase

A five year plan is being drawn up by the Government for expanding the nationalised transport

TRADE

Statement showing exports and imports during 1951 52 (1st April 1951 to 31st March 1952) The first two items in numbers, rest in maunds

Article	Exports	Imports
Cattle (excluding sheep and goats)	55,268	40,942
Sheep and goats	189,222	6 501
Bones	486,287	16,579
Cement	13,248,863	515,706
Coal and coke	254,120,862	37,968,949
Cotton twist and yarn (Indian)	640	185,476
Cotton piecegoods (Indian in bales)	2,007	1 013,430
Dyes and tans (Myrobalans)	27,622	13,493
Fruits dried	21 481	351,241
Glass	82,914	114,750
Grain pulse and flour	1,541,000	19,924,867
Hemp, Indian and other (Fibres excluded)	61,937	8,020
Hides, skins and leather	484,472	26,839
Jute	4,678,332	44 642
Gunny bags and cloths	598,811	226,088
Iron and steel bars sheets, girders and other commercial forms of iron and steel	18,184,826	2 830,827
Lac and shellac	176,307	118,042
Manganese ore	1,321,704	—
Oils oilcakes and oilseeds	1,061,022	5,008,955
Salt	33 635	6,694,864
Sugar	4,650,207	341,665
Gur	125,543	788,507
Tea	9,250	41,825
Tobacco (Raw)	322,532	132,589
Wood and timber	2,095,073	1,315,838

IRRIGATION

Total area irrigated in 1951-52 9,10,533 acres

Area irrigated by tube wells in 1951 52 52 944 acres

Area irrigated by Government irrigation works 8,58,560 acres

The larger irrigation works are Sone Canal covering Shahabad, Patna and part of Gaya District Tribeni Canal, Dhaka Canal and Teur Canal covering Champaran, and Sakr Canal covering Gaya District

Number of Irrigation projects in execution 29

Total area which will be irrigated 2,39,624 acres

Total cost Rs 1,78,38,242

25 per cent or in some cases only 12½ per cent of the cost is met by Central subsidy The rest is initially borne by the State, 50 per cent or 75 per cent of the cost being ultimately recoverable from the beneficiaries

Annual increase 37,000 tons foodgrains is the estimate G M F Schemes for 1953 54 (under special Minor Irrigation Programme)

Total number of irrigation projects planned but not executed 19 (four in Patna Division, 10 in Tirhut Division, four in Bhagalpur Division, and one in Chotanagpur Division)

Total area which will be irrigated 76,771 acres

Total cost Rs 69 49 lakhs

Irrigation Projects*

Name of Project	District/Area benefited	Date begun	Date of completion	Total Cost Rs in Lakhs	Development Expenditure—Five Years 51—56 Rs in Lakhs	Area to be irrigated on completion in '000 acres
300 tube wells in North Bihar	Champaran Muzaffarpur Dharbanga and Saran	1950 51	1955 56	1,83	1 74	120
Tube wells in South Bihar	Shahabad and Patna	1946-47		1 48	80	114
Drainage of chaurs and other small irrigation and flood protection schemes	Patna Gaya Shahabad South Monghyr Bhagalpur and Santhal Parganas	1948 49		3 75	1,18	115
Sakri (Lower Valley) Scheme	Monghyr and Gaya	1948 49		30	10	50
Tribeni canal extensions	Champaran	1950 51	1955 56	28	23	28
Emergency pumping schemes	Entire State	1951 52	1955 56	93	93	90
Further 300 tube wells in sugar factory areas	North Bihar	1953-54	1955 56	1 61	1 61	120
Sakri (Upper Valley) irrigation	Gaya	1952 53	1957-58	93	53	60
Further 200 tube wells in South Bihar	Gaya Patna Shahabad North Bhagalpur and North Monghyr	1952 53	1955-56	98	98	80
Irrigation dams and weirs in hilly districts	Chota Nagpur and Santhal Parganas	1951 52		2 00	1 58	70
TOTAL				14 14	9 73	852

Power Projects*

						Installed Capacity—Power in thousand kWs
P B E B scheme in emergency tube wells irrigation scheme (electrical)	Patna Barh Bhaktiarpur Ekargsarai Bihta	1949 50	1955-56	84	61	Power purchased from Patna Electric Supply Co Ltd
Dehri Sasaram lift irrigation and electrification scheme	Dehri Sasaram and the neighbourhood	1949 50	1955 56	67	54	Power purchased from the Rohtas Industries Ltd Dalmianagar
Gaya electric supply scheme	Gaya and the neighbourhood	1949 50	1955 56	80	64	1
Hazaribagh electric supply scheme	Hazaribagh and the neighbourhood	1950 51	1955 56	35	28	Power purchased from D V C
Kodarma and Mica mines electrification scheme	Kodarma and neighbouring mica mines and villages	1951 52	1955 56	46	10	Power purchased from D V C
Coal mines area electrification scheme	Coal mines area	1951 52	After 1955 56	3 97	1,50	Power purchased from D V C
Taking over of derelict electric supply undertakings	Purulia Sahebganj Muzaffarpur Monghyr and Darbhanga	1952 53	After 1955 56	33	18	1
Giridih electric supply scheme	Giridih town hip and neighbourhood	1950 51	1955 56		18	Power purchased from Bimladih Rly Power House
Giridih Madhopur Jasidih electric supply	Giridih Madhopur Jasidih and Deogarh	1952 53	1955 56	27	27	Power purchased from Bimladih Rly Power House
North Bihar tube well and electrification scheme	Northern areas of Bihar State	1951 52	1955 56	1 77	1 71	4
Buxar tube well and electrification scheme	Buxar and the neighbouring areas	1951 52	After 1955-56	47	27	1
Thermal power station scheme in North Bihar	Northern areas of Bihar State	1954 55	After 1955-56	1 10	46	4
TOTAL				11 20	7 09	11

LAND RECLAMATION

Area of land reclaimed by State Tractor Organisation 15 33 acres

Area developed 15 335 acres

Number of tractors available 39

Budget allotment for land reclamation for 1951 52 Rs 1 33 32 and for 1952 53 Rs 1 27 75

LAND TENURE

The land tenure system in Bihar is governed by the following Tenancy Acts The Bihar Tenancy Act 1885 The Chotanagpur Tenancy Act 1908 and the Santal Parganas Tenancy (Supplementary Provision) Act 1949

There are three types of proprietors of lands 1) The Zamindars having proprietory right in by far the largest area in the State 2) Proprietors with whom a very small area is settled periodically for a term of years and 3) the Government holding an equally small area as landlord

The raiyats are classified as raiyats at fixed rents or rates and occupancy raiyats A very small area is held by non occupancy raiyats who have no permanent and heritable interest in their holdings There is also a small number of under raiyats having occupancy rights holding lands both under raiyats at fixed rents and under occupancy raiyats

A small area of land is cultivated by private Zamindars themselves

The Government of Bihar enacted the Bihar Land Reforms Act, 1950 which provides for the liquidation of Zamindari system in the state

The Bihar Land Reforms Act, 1950 was put into force with effect from 25th September 1950, and to start with, all estates and tenures with gross annual income exceeding Rs 50,000 have been notified under section 3(1) of the Act It was further decided to acquire all the Zamindaris in the districts of Gaya Monghyr, Hazaribagh and Darbhanga The smaller Zamindaris in these districts are in the process of requisition

* From the report of the Planning Commission

The entire State barring a limited portion which is Khasmahal, is covered by the Zamindari and will be released in consequence of the abolition of Zamindari

The Government has laid down a sliding scale for the assessment of compensation Where the net income does not exceed Rs 500, the compensation payable is twenty times the net income, and where the net income computed exceeds Rs 1,00,000 it is payable at three times the amount

The assessment of compensation for mines and minerals has either to be fixed by agreement or by a tribunal appointed for the purpose

As for funds to finance compensation, the proposal for Zamindari abolition in Bihar has been drawn up as a self liquidating scheme So all the compensation money will be realised from the beneficiaries The gross rental in the State is estimated at about Rs 16 crores per annum which is likely to increase at the rate of Rs 5 lakhs per year as a result of reclamation of waste lands, their development and of the development of forests

The amount of compensation will be paid in cash or in bonds or partly in cash and partly in bonds The bonds will be either negotiable or non negotiable and non transferable and will be payable in forty equal instalments and carry interest at two and a half per cent per annum with effect from the date of issue

CIVIL SUPPLIES

Rationed articles and quantum of each per adult per week Rice Wheat and Milo up to 12 ounces per head per diem No quantitative restriction on issue of wheat from Government stocks

Monthly requirement of State according to the quota 404,431 tons This is met mainly by uncontrolled distribution of the internal production Offtake from Government stocks is about 10 000 to 15 000 tons per month in normal year

Coal and cement are subject to controlled distribution Kerosene oil, caustic soda, ash tanning materials infant food sulphur etc are subject to price control The maximum price is fixed by the Central Government

Present State quotas Coal 7 000 wagons quarterly, Cement about 9 000 tons monthly As these quotas do not move in full scarcity condition continues in respect of these commodities

There is no control on prices or movement of foodgrains except on paddy and rice in the monopoly procurement areas on selected grain outside the State

All varieties of cloth except Chint, Markin and long cloth of medium and coarse varieties have been decontrolled Price control on all counts of yarn still continues, 50 per cent of the mills production of yarn is allotted to the State for controlled distribution There is no restriction on the movement of cloth and varn within the State

There is no control on price of foodgrains

State's annual requirements according to consumption during 1952

Rice 2 lakh tons, wheat one lakh tons millets 30 000 tons, sugar 60,000 tons, salt 69 5 lakh maunds

Rice prices are almost the highest in India since imports into the State have almost completely stopped after controls

Cloth and yarn 22 000 bales and 3,500 bales respectively per month

The State is surplus in sugar and deficit in foodgrains salt cloth and yarn Deficit of food grains especially rice 3 5 lakh tons Salt 70 lakh maunds, imported annually Only 300 bales of cloth is produced by the local mills

Import quotas during 1952

Rice 7,795 tons, wheat 104,620 tons, milo 3,165 tons, sugar 60,000 tons, salt 69 5 lakh maunds

Twenty to thirty thousand bales of cloth and two to three thousand bales of yarn are imported through trade channel

Prices of overseas rice varies between Rs 21 and Rs 28 5 0 per maund U D rice varies between Rs 22 8 2 and Rs 24 14 10 per maund Wheat at Rs 20 8 0 per maund and Rs 18 8 8 per maund, milo at Rs 11 8 0 per maund

Procurement during the year, Rice 23 337 tons Wheat 98 tons

System of procurement Monopoly and direct purchase only Urban and industrial areas have to depend largely on imports as the marketable surplus of foodgrains in the rural areas is negligible

There is no statutory rationing only controlled distribution Population living under controlled distribution Urban 1 269 094 rural 5 375 878 No food subsidy by the State

CO-OPERATION

Number of Co operative Societies 16 659 Membership 703 130, Working capital Rs 7,45 46 883

Types of Co operative Societies and number of each type Provincial 1, Central Credit Co operative 53 Provincial Central Non credit 81 Agricultural Credit Co operative Societies 3,151, Non agricultural Credit Co operative Societies 131 Non agricultural Non credit Co operative Societies 855 Cane 5 880, M P C S 6 420, V G C S 67

Multipurpose Co operative Societies 5 880 Farming Co operative Societies 6 Milk Co operative Societies 4 Consumers Co operative Stores (Primary) 321 Housing and Co operative societies 5 Co operative Banks 53 (including S C B), The Bihar State Co operative Bank 1, Central Co operative Banks 53

Provincial Co operative Bank 1 (Working capital Rs 1 58,00 610 Deposits Rs 72 68 658, Paid up share capital Rs 4 14 950 Reserve and other funds Rs 18 06 669)

Budget allotment for the department for 1952 53 Rs 23 00 714 (including Cane Co operative Department)

STATE HELP FOR AGRICULTURE

Manures distributed under State auspices a) Quantity of compost distributed in 1952 1,829 804 c ft of town compost and 126 millions c ft of rural compost, b) Value of oil cakes Rs 99 18,120, c) Value of fertilisers Rs 12 94 021

Improved seeds distributed in 1952 9,472 maunds

Number of experimental farms 21

As for plant protection, one plant protection officer stationed at Patna is the technical and administrative head of the organisation There is a mobile squad equipped with plant protection appliances, which provides help for cultivators in case of pest or a disease attack

Target under the five year plan for additional food production 7 75 lakh tons

Estimated additional production due to Grow More Food Schemes completed during 1952 4 51 lakh tons

Highest yield per acre of different crops for which prizes were offered in competition in 1952

Crops	Highest Yield
Agahany Paddy	96 mds 1 sr 15 ch
Rabi Potato	485 mds 25 srs
Gram	40 mds 32 srs
Wheat	69 mds 27 srs 13 ch
Bhadai Maize	58 mds 32 srs 3 ch

Budget grant for 1952 53 for the following schemes

Seed implements and manures Rs 30 010 distribution of bonemeal and phosphatic fertilisers Rs 5 20,000 improved paddy seed multiplication Rs 2 32 053, Agricultural farms Rs 6 50,108, Plant protection scheme Rs 4 42,533, Agricultural implements, etc Rs 8 28,087 Experimental Rs 5 96 257, Musheri farm Rs 21 204, Gramia farm Rs 2 908, Araria Plain farm Rs 12 815, Dumka farm Rs 16 924 Rural compost Rs 6 94,282, Town compost Rs 1 84 654

Number of stud bulls distributed in 1952 53 106, number of rams distributed in 1952 53 26 number of stock maintained during 1952 53 44

Number of veterinary hospitals 40 number of animals that can be accommodated at the hospitals 503 number of surgeons 190, number of stockmen 11 11 varieties of vaccine and serum are used in the hospitals

Budget grant for the Veterinary Department for 1952 53 Rs 15 87 432

PUBLIC HEALTH

Commonest diseases in the State Malaria

Allopathic hospitals 146 Allopathic dispensaries 591, Beds in allopathic hospitals 7 159 Ayurvedic and Unani dispensaries 223 and 11 respectively I B hospital 1 Mental hospitals 2 Beds in I B hospital 185 and in Mental hospitals 1 380

Allopathic doctors 5 217 Nurses 635 Trained dais in urban and rural areas 43 Compounders 1 908 Ayurvedic and Unani doctors 476 Nurses 276 Compounders in Government employment 239

Number of Medical Colleges (Allopathic) 2 Government Ayurvedic 1 Private 2, Government Unani 1

Budget allotment to the Public Health Medical for 1952 53 Rs 1 05 98 702 Budget allotment for 1953 54 Rs 1 17 70 478

LABOUR

Average daily number of workers in registered factories as on 31st December 1951 1 92 140

Industries in which minimum wage is fixed Agricultural employment Woollen carpet making and shawl making Rice, flour dal and oil milling, Bidi making Tea manufactories, Road construction and building operation, Stone breaking and stone crushing Employment in public motor transport Tanneries and leather manufactories Mica works Tea plantations Employment in local bodies

Cost of Living Index for the month of March 1953

Patna	454
Muzaffarpur	442
Monghyr	400
Jamshedpur	442
Tharia	520
Dehri on Sone	499

Average monthly earning of workers in 1939 Rs 27

Average monthly earning of workers in 1951 Rs 83

Number of industrial disputes in 1952 378
Number of workers affected 105,730
Number of strikes and lockouts 45
Number of workers affected 12,931
Number of man days lost 38,681

Important State laws affecting industrial disputes Bihar Maternity Benefit Act 1947, Bihar Workmen's Protection Act 1948

Number of trade unions in the State 430
Total membership of trade unions 232 858
Number of labour welfare centres 4

Number of houses built through the Industrial Housing Scheme 720

Housing Authority—The State Government takes decisions on all important matters relating to the Industrial Housing Scheme in consultation with a Provisional Industrial Housing Board

A portion of the cost of the housing scheme is given by the Government as loan and the rest is borne by the employers

Sources of Finance—Under the Industrial Housing Scheme of the Government of India, ⅓rd of the capital is given as interest free loan by the Government of India and ⅓rd is supplied by the State Governments or employers sponsoring them Under the Bihar Industrial Housing Scheme 50 per cent of the capital is given as loan at 4 per cent interest per annum by the State Government and 50 per cent is provided by the employers Under the Subsidised Industrial Housing Scheme of the Government of India 37½ per cent and 25 per cent of the capital cost as loan and subsidy respectively are given by the Government of India The rest are to be provided by the undertakers of a housing project

508 two roomed and 212 one roomed houses have so far been built at Jamshedpur under the Bihar Industrial Housing Scheme

Cost of building a house of L4 (two-roomed) type Rs 7,243 7-6, A4 (one-roomed) type Rs 5,129-15-10, K2 (two roomed) type Rs 6,000

The rent to be charged from a worker occupying a house built under the Bihar Industrial Housing Scheme is 2½ per cent of the cost incurred in the construction and the provision of such amenities as water, drainage, sewerage, latrine, light, etc, subject to a maximum of 10 per cent of the monthly wages of the worker concerned

Under the Bihar Industrial and Housing Scheme the loan and the interest are repayable in 25 years The first such instalment of repayment of loan is to start within 24 months of the advance of the loan The loan under the subsidised Industrial Housing Scheme of the Government is repayable in 15 years

The houses have been built by Messrs Telco Jamshedpur I4 type 151, A4 type 212 K2 type 357

Under the Bihar Industrial Housing Scheme and the Industrial Housing Scheme of the Government of India Rs 40 lakhs and Rs 3½ lakhs have so far been advanced to Messrs Telco, Jamshedpur and Messrs Dwarkadas Radhakrishna and Bhartiya Engineering Works, Sahibganj respectively

EDUCATION

Universities Patna University, a purely teaching university, situated in Patna, Bihar University, a teaching cum affiliating university

High grade research institutions 4 Nalanda Pali Institute at Nalanda, Mithila Institute at Darbhanga, Bihar Rashtra Bhasha Parishad, K P Jayaswal Institute

Compulsory primary education is in force in the municipal (urban) areas of 17 towns and in one rural area

Students are taught through the medium of regional languages upto IIIrd class Hindi as compulsory language begins in class IV From class VI onwards all non language subjects are taught in Hindi English as compulsory starts in class VIII

Number of literates according to 1951 census 12 83 per cent of the total population Attempts are being made to make at least 50 per cent of illiterate population literate within the next five years

(For more details on education in the State see the chapter on education)

POPULATION OF DISTRICTS

	Total	Males	Females	Rural	Urban
Bihar	40,225,947	20 223,675	20,002 272	37 521 216	2,704 731
1 Patna	2,528,272	1,297 266	1,241 006	2 070 478	457,794
2 Gaya	3,070,499	1 535 362	1 535 137	2 853,807	216,692
3 Shahabad	2 688,440	1 358 443	1,329 997	2,507,861	180 579
4 Saran	3,151 144	1,901,253	1 6s3 891	3 028,986	126,158
5 Champaran	2,515,343	1 267,406	1,247 937	2 410,483	104,860
6 Muzaffarpur	3,520,739	1,730 750	1 789,989	3 385 043	135,696
7 Darbhanga	3 769,534	1,844 201	1,925 333	3 609 443	160,091
8 Monghyr*	2 849,127	1,434 824	1 414 303	2 582,010	267,117
9 Bhagalpur	1 429,069	728,681	700 388	1,307 024	122,045
10 Saharsa	1 308 198	672,677	635 521	1 308 198	
11 Purnea	2,525 241	1 319 262	1 205 969	2 430 362	94 879
12 Santhal Parganas	2 322 092	1 172 594	1,149 498	2 225,312	96 780
13 Hazari Bagh	1,937,210	981 264	955 946	1 804 084	133 126
14 Ranchi	1 861 207	938,255	922 952	1,736,162	125 045
15 Manbhum (Purulia)	1 547,559	780 309	767 250	1 463 216	84,343
16 Dhanbad	731,700	410 140	312 560	658 098	73,602
17 Palamau	985 767	498 564	487 203	948 760	37 007
18 Singhbhum	1,480,816	752 424	728,392	1 191,899	288 917

ADMINISTRATION

GOVERNOR

Ranganath Ramchandra Diwakar

PERSONAL STAFF

Secretary to Governor, Pushkar Thakur I A S

Military Secretary to Governor, Major R D Chandavarkar

Aide de-Camp, Captain P R Gadagkar

Honorary A D C, Subedar Major and Hony Lt Asanandan Singh

Private Secretary to Governor, R Srinivas Rao

CABINET MINISTERS

Chief Minister and Minister for Political and Appointment (minus Transport and Information), Dr Sri Krishna Sinha

Finance Labour, Development (Agriculture only), Dr Anugraha Narain Sinha

Irrigation and Electricity, Ram Charitra Singh

Education, Acharya Badrinath Verma

Revenue, Excise, Krishna Ballabh Sahai

Development (Co-operative, Veterinary, and Animal Husbandry only), Dip Narayan Sinha

Judicial and Legislative, Shivanandan Pd Mandal

Political (Transport and Information only), Development (Industries including Cottage Industries), Mahesh Pd Sinha

Public Works, Public Health, Engineering, Muhammad Shafi

Jails, Relief and Rehabilitation, Shah Md Ozair Munemi

Local Self Govt and Welfare (Scheduled Castes, Scheduled Tribes and Backward Classes), Bhola Paswan

Supply and Price Control, Medical and Health, Harinath Mishra

Deputy Minister for Local Self Govt and Relief and Rehabilitation, Nirpad Mukherjee

Dy Minister for Development (Agriculture only) and Labour, Birchand Patel

Dy Minister for Development (Cottage Industries only), Revenue (Minor Irrigation, Waste Land Reclamation), Abdul Ahad Mohammad Noor

SECRETARIAT

Chief Secretary to Government, L P Singh, I C S

Secretary to Government, Finance Department, S N Singh

Secretary to Government, Revenue Department Quamrul Huda, I A S

Secretary to Government, Labour Department, R S Pande, I A S

Secretary to Government, P W D, T P Singh, I C S

Secretary to Government, Development Department, Ranchor Prasad, I A S

Secretary to Government, Education Department, J C Mathur, I C S

Secretary to Government Local Self Government Department, P K J Menon, I A S

Secretary to Government, Law Department, Ram Ratna Singh

Secy to Food Production and Development Commissioner, B K Dutt

Secy to Govt, Welfare Dept, Rameshwar Prasad, I A S

Secy to Govt, Relief & Rehabilitation Dept, and Relief and Rehabilitation Commissioner, Bihar, Kripa Narayan Singh, I A S

Member, Board of Revenue, N Baksi I C S

Addl Member, M S Rao

Secretary, Board of Revenue, Mani Bhusan Mukharji

Addl Secretary, Political and Development Department, S J Majumdar, I C S

Custodian of Evacuee Property, Rajeshwar Prasad Singh

Secretary, Bihar Legislative Council, S C Lall, Bar at Law

Secretary, Bihar Legislative Assembly, Raghunath Prasad

Public Service Commission (for Bihar)

Chairman, Dr Amar Nath Jha

Member, Bhagwat Prasad

Secretary, Pradhan Suryavarti Prasad

HEADS OF DEPARTMENTS

Accountant-General, S Natrajan, MA, BL, IA & AS
Collector of Excise (Central), Tarachand Seth, IRS, AISM, AM IMM
Commissioner of Income tax (Central), B B L Kapur, B Sc, LL B
Postmaster-General (Central), Major Lochan Singh, M Sc (England), (Belfast)
Chief Conservator of Forests, Shyam Sundar Prasad
Chief Engineer, P W D, M L Bahl, I S E
Chief Engineer, Irrigation, D Mehta, I S E
Chief Inspector of Factories, A Samad
Commissioner of Labour, Bhagwat Prasad Singh, I A S
Director of Agriculture, B P Akhaury
Director of Animal Husbandry, S K Sen
Director of Veterinary Services, M I Malik, B Sc, M R C V S
Director of Education, Kirhori Prasad Sinha, B F S
Commissioner of Excise, Sinheshwar Pd Sinha, I A S
Superintendent of Government Press, C P Sharma
Director of Industries, S M Ali Dy Magistrate
Director of Health Services, Lt Col. D P Nath, I M S
Director of Publicity, Rash Bihari Lal
Inspector General of Police, M K Sinha, I P
Inspector General of Prisons, Harihar Pd Singh, I A S
Inspector General of Registration, Sinheshwar Pd Sinha, I A S
Registrar of Co-operative Societies, B N Rohatgi, I A S
Settlement Officer Shiva Prasad Singh, I A S
Superintendent of Census, Ranchor Prasad, I A S

HIGH COURT

Mr Justice David Ezra Reuben, I C S, Barrister-at Law, *Chief Justice*
Mr Justice Saiyid Jafar Imam, Barrister at Law, *Puisne Judge*
Mr Justice Sudhanshu Kumar Das, I C S, *Puisne Judge*
Mr Justice V Ramaswami, I C S, Barrister at Law, *Puisne Judge*
Mr Justice Jugal Kishore Narayan, MA, BL, *Puisne Judge*
Mr Justice Brahmadev Prashad Jamuar, Barrister at Law, *Puisne Judge*
Mr Justice Bashisth Narain Rai, *Puisne Judge*
Mr Justice Chandreshwar Prasad Sinha, *Puisne Judge*
Mr Justice Khaleel Ahmad, Barrister at-Law, *Puisne Judge*
Mr Justice Satish Chandra Misra, *Puisne Judge*
Mr Justice Kali Kumar Banerji, *Puisne Judge*
Mr Justice Rati Kant Choudhary, *Puisne Judge*
Muhammad Yahya, MA, BL, *Registrar*
Jugal Kishore Prashad, BL, *Deputy Registrar*
Jitendra Narayan, MA, BL, *1st Assistant Registrar*
Govind Mohan Misra, BL, *2nd Assistant Registrar*
Udit Narayan Varma, *Commissioner for Oaths and Affidavits*

BIHAR UNIVERSITY

Wheeler Senate House, Patna 5

Vice Chancellor, Lt Col Shri Syamnandan Sahaya, BA, MP

Registrar, Bishwa Mohan Kumar Sinha, MA (Pat), BL (Pat), BA (Lond)

The Bihar University is a teaching cum affiliating University

Provision for the teaching up to the Post graduate standard has been made in the following subjects English, Hindi, History, Economics and Mathematics Scholars work under Professors and submit their theses for research degrees

Number of colleges affiliated Constituent Colleges 2 Government managed Colleges 4, Affiliated Colleges 30

Number of students About 12,000

Income (1952 53 budget estimates) Rs 43,47,048 2 11

Expenditure Rs 45,44 850

Grant from the State Government Rs 10 29 166

Colleges affiliated to the Bihar University Langat Singh College Muzaffarpur Ranchi College, Ranchi, A N S College, Barh, Bihar Veterinary College, Patna Bihar Institute of Technology, Sindri, C M College, Darbhanga, Darshan Das Mahila College, Muzaffarpur, D A V College Siwan, Deoghar College, Deoghar, Gaya College, Begusarai, Government Agricultural College, Sabour, H D Jain College, Arrah, J K College Purulia Koshi College, Khagaria, Madan Mohan Malviya College, Khusrupur (Patna), Marwari College, Bhagalpur, Medical College, Darbhanga, Munshi Singh College, Motihari, Nalanda College, Biharshariff, Purnea College Purnea, Rajendra College, Chapra, Ram Dayalu Singh College, Muzaffarpur, Raja Sahib Prasad College Dharia Rajanarain College, Hajipur (Muzaffarpur), Ranchi Women s College, Ranchi, R D & D J College, Monghyr, R K College Madhubani (Darbhanga), Samastipur College, Samastipur, S K J Law College Muzaffarpur, S P Jain College, Sasaram (Shahabad), S R K Goenka College, Sitamarhi, S Sinha College Aurangabad (Gaya), St Colomba's College Hazaribagh St Xavier's College Ranchi, Sundarvati Mahila Mahavidyalaya, Bhagalpur, T N J College, Bhagalpur

Colleges and Institutes affiliated to the University Institute of Music Institute of Psychological Research & Service Bihar College of Engineering, Patna B N College, Patna Magadh Mahila College Patna Patna College, Patna Patna Law College, Patna, Patna Training College, Patna Patna Women s College, Patna P W Medical College, Patna, Science College, Patna Women s Training College, Patna

ASSOCIATIONS

BIHAR HARIJAN SEVAK SANGH

Annie Besant Road, Patna 4

Nature of Body Social
President, Acharya Badrinath Varma, Minister for Education Bihar
Secretary, Nagendra Narayan Sinha
Assistant Secretary, Aswini Kumar Sinha

INDIAN SUGAR MILLS ASSOCIATION, BIHAR BRANCH

"Hasan Manzil," Fraser Road, Patna 1

Nature of Body Commercial
President, Shantiprasad Jain
Vice President, Raja Balkrishnalal Pittie
Secretary, C J Mehta

*

BOMBAY STATE

	Area (square miles)	Population (1951 census)
Bombay State	111 434	35 956 180
Greater Bombay	91	2 839 270
Bombay City	22	2 329 020
Bombay Suburban District	68	510,250

Rural population of the State 24 78 810

Urban population of the State 11 170 340

Number of males 18 614 862 Females 17 341,288

Density of Bombay State 323

Registered birth rate (1941 50) 32 9

Probable birth rate (1941 50) Between 41 0 and 41 8

Registered death rate (1941 50) 22 6

Probable death rate (1941 50) 24 9

Mean Decennial growth rate (1941 50) 20 8

Literacy 24 56 per cent

In Bombay rural connotes a population living in places with less than 5 000 inhabitants

Density in rural areas 239

Registered Rural birth rate (1941 50) 35 8

Registered Rural death rate (1941 50) 24 5

Registered Urban birth rate (1941 50) 26 1

Registered Urban death rate in Greater Bombay (1941 50) 18

Actual workers 42 8 per cent

Non earning dependents 57 2 per cent

For every 945 male heads of households per 1,000 households there were 633 wives of heads

Districts with an unusually masculine sex *ratio* were Greater Bombay (506 females per 1 000 males) Ahmedabad (849) Thana (907)

Persons returned as aged 35 54 *comprised* 19 5 per cent of the population

Under 15 s comprised 39 3 per cent of the population

Unscheduled Backward Classes 12 49 per cent

The census definition of literacy was ability to read or write a simple letter

Literate 24 56 per cent Literate in Greater Bombay about 50 per cent

Male literates 33 5 per cent Female literates 12 5 per cent

Literate in eight cities 46 per cent

Literate among Backward Classes 10 67 per cent

Literate among aged 10 and over 30 per cent

Proportion of married women in the reproductive age groups 22 18

Number of languages spoken as *mother tongue* in Bombay State is 85

Percentage of population speaking Marathi is 44 08 per cent, speaking Gujarati 31 74 per cent, Kannada 12 1 per cent, Urdu 3 33 per cent

Percentage of bilingualism among Gujarati speakers was 2 62, among Marathi speakers 3 23 among Kannada speakers 8 94, among Urdu speakers over 50

485,278 persons returned Hindi as mother tongue, but 440,867 persons were bilingual in Hindi

GEOGRAPHY

The State embraces a wide diversity of soil, climate and people In the State there are the rich plains of Gujarat, watered by the Narmada and the Tapti, whose fertility is so marked that it has long been known as the Garden of India South of Bombay City the State is divided into two sections by the Western Ghats, a range of hills running parallel to the coast Beyond the Ghats are the Deccan Districts, south of these come the Karnatak districts On the sea side of the Ghats is the Konkan, a rice growing tract, intercepted by creeks which make communication difficult

The rainfall of the State is derived chiefly from the south west monsoon between June and October The amount of rainfall varies widely in different areas from 20" to about 250"

The population varies as markedly as soil and climate The people of Gujarat although softened by prosperity, are among the keenest trading races in the world The Deccan peasant has been seasoned by adversity, the saying goes that the Deccan expects a famine one year in every three and gets it The population of the Deccan is much more homogeneous than that of Gujarat, thirty per cent being Mahrattas The Karnatak is the land of the Lingayets a Hindu reforming sect of the twelfth century and in the Konkan there is a large proportion of Christians Three main languages are spoken Gujarati, Marathi and Kannada with Hindi a rough *lingua franca* Hindi in the Devanagari script is recognized by the Government as one of the regional languages of the State

The principal occupation is agriculture, which supports sixty-four per cent of the population In Gujarat the soils are of two classes, the black cotton soil, which yields the famous Broach cottons, the finest in India, and alluvial, which under careful cultivation in Ahmedabad and Kaira, makes splendid garden land The dominant soil characteristic of the Deccan is black soil, which produces cotton, wheat, gram and millet, and in certain tracts rich crops of sugar-cane The Konkan is a rice land, where the crop is grown under the abundant rains of the submontane regions, and in the south the Dharwar cotton vies with Broach as the best in India There are no great perennial rivers suitable for irrigation, and the harvest is largely dependent upon the seasonal rainfall supplemented by well irrigation A chain of irrigation works, consisting of canals fed from great reservoirs in the region of untailing rainfall in the Ghats, is gradually nearing completion, and this will ultimately make the Deccan immune to serious drought

More than any other part of India Bombay State is scourged by famine The evils have not been unmixed, for tribulation has made the people more self-reliant, and the rise in the values of all produce, synchronising with a certain development of industry, has induced a considerable rise in the standard of living The land is held on what is known as the ryotwari tenure, that is to say, each cultivator holds his land direct from the Government under a moderate assessment, and as long as he pays this assessment he cannot be dispossessed

Names of natural divisions of the State 1) Greater Bombay 2) Bombay Gujarat Division 3) Bombay Deccan Northern Division, 4) Bombay Deccan Southern Division, 5) Bombay Konkan Division

State Budget (1953 54)

Revenue	67,83 58 lakhs
Expenditure	67,76 09 ,,
Surplus or deficit	+7 49 ,,

Names of Districts in each division with names of District headquarters within brackets

Greater Bombay Greater Bombay (Bombay)

Bombay Gujarat Division Banaskantha (Palanpur) Sabarkantha (Himatnagar) Mehsana (Mehsana) Ahmedabad (Ahmedabad) Kaira (Kaira) Panchmahals (Godhra) Baroda (Baroda) Broach (Broach), Surat (Surat) Amreli (Amreli)

Bombay Deccan North Division West Khandesh (Dhulia) East Khandesh (Jalgaon) Dangs (Ahwa) Nasik (Nasik) Ahmednagar (Ahmednagar) Poona (Poona) Satara North (Satara), Satara South (Sangli)

Bombay Deccan North Division Kolhapur (Kolhapur) Sholapur (Sholapur)

Bombay Deccan South Division Belgaum (Belgaum) Bijapur (Bijapur) Dharwar (Hubli)

Bombay Konkan Division Thana (Thana) Kolaba (Alibag), Ratnagiri (Ratnagiri), Kanara (Karwar)

Number of districts 28

Number of talukas 302

Number of District Boards 26

Number of Municipal Corporations 3 Municipalities 224 (32 large and 192 small)

Number of Panchayats 5636

Number of villages 34,227

Total number of towns with a population of over 50 000 25

Number of towns with a population over 5,000 499

Strength of the Bombay Legislative Assembly 316, including one representative of the Anglo Indian community nominated by the President

Strength of the Legislative Council 72

Number of members returned from the State to the House of the People 45

Number of members returned from the State to the Council of States 17

BOMBAY LEGISLATIVE ASSEMBLY PARTY POSITION —Congress 267 Peasants and Workers Party 13 Praja Socialists 9 Kamgar Kisan 2, Communists 2, Bharat Krishikar Lok Paksha 1, Scheduled Castes' Federation 1, Independents 20, Vacant 1

BOMBAY LEGISLATIVE COUNCIL PARTY POSITION —Congress 50 Independents 7, Praja Socialists 3, Peasants and Workers' Party 2, Hindu Mahasabha 1

HOUSE OF THE PEOPLE —Congress 40 Independents 3, Peasants and Workers' Party 1, Scheduled Castes' Federation 1

LARGE-SCALE INDUSTRIES

The detailed statistics are for 1951 unless otherwise stated

Name of industry	No of factories in existence	No of workers	Ex factory value of products	Total productive Capital employed	Total salaries and wages paid to workers
			Rs	Rs	Rs
Wheat flour	18	1 322	4 31 73 000	91 24 000	14 72 000
Rice milling	7	122	5 30 000	4 09 000	1 62 000
Biscuit making	25	1 901	1,80 07 000	77 00 000	17 59 000
Fruit and vegetable processing	7	662	87 67 000	64 13 000	7 71 000
Sugar	272	6 623	4 01 01 000	2 64 13 000	26 57 000
Distilleries and Breweries	4	3 51	18 63 000	31 58 000	6 03 000
Vegetable oils	272	13 711	46 67 61 000	13 05 47 000	1 37 06 000
Paints and varnishes	18	1 162	1 86 60 000	67 80 000	20 01 000
Soap	20	2 826	9 09 50 000	4 59 42 000	54 7 000
Glass and glassware	25	5 931	1 47 38 000	1 26 03 000	44 89 000
Ceramics	8	980	12 65 000	47 21 000	4, 39 000
Paper and paper board	14	2 902	98 88 000	1 25 91 000	21 00 000
Matches	9	2 593	1 66 98 000	74 36 000	12 92 000
Cotton textiles	339	380 836	203 18 27 000	125 74 15 000	49 33 07 000
Woollen textiles	7	1 627	3 70 68 000	2 81 38 000	57 68 000
Chemicals	93	13 579	11 24 53 000	12 20 14 000	1 94 39 000
Aluminium Copper and Brass	97	9 059	10 89 43 000	4 98 78 000	1,00 06 000
Iron and Steel	12	1 865	91 67 000	95 02 000	21 49 000
General engineering and electrical engineering	514	41 564	20 95 95 000	17 63 71 000	3 82 27 000

Names of other large scale industries with the number of factories and workers respectively within brackets Government and local fund factories (179 80 103) Engineering (1 058 60 356) Minerals and metals (138 7 719) Food drink and tobacco (685 32 881) Chemicals Dyes etc (687 41 306) Paper and printing (529 19 389) Processes relating to wood stone and glass (218 26 125) Processes connected with skins and hides (78 1 819) Textiles (1 396 458 296) Miscellaneous (294 13 818) Seasonal (1 273 47 653)

Total number of factories 6 853

Total number of workers 789 463

COTTAGE INDUSTRIES

Names of cottage industries Khadi hand spinning and hand weaving industry Wool carding and spinning Palmgur and Nira industry Bee keeping industry Handmade paper industry Salt manufacturing industry Fibre industry Neem seed oil industry Oil ghani industry Chc manufacturing industry Manufacturing of village implements

Number of khadi and spinning centres under khadi self sufficiency scheme 535

Quantity of khadi produced in 1952 53 531,034 sq yards

Quantity of palmgur produced in 1952 53 26 41 3 lb

Quantity of nira produced in 1952 53 26 5,395 gallons

Quantity of oil produced 413 186 lb

Quantity of honey produced 71,047 lb

Total value of handmade paper produced Rs 59 000

AGRICULTURE

Total area of the State 67 436 100 acres

Cultivable area 49 05 million acres

Total area cultivated 46 951 500 acres

Cultivable but not cultivated 1 06 million acres

Total area of uncultivable land 20 484 600 acres

Area under crops 42 36 million acres

Area cropped more than once 1 281 300 acres

Area of cultivation *per capita* 1 37 acres

Total area under irrigation 1 976 200 acres

Forests barren land put to non agricultural uses 18 39 million acres

Current fallows 7 04 million acres

Total production of food crops 5 056 300 tons

Total area under food crops 30 105,300 acres

Main food crops of State with acreage and total production of individual food crops for the year 1949 50

Cereals Rice (3 160,600 acres 1,031,200 tons), Wheat (2,079,100 acres, 331 400 tons) Barley (24,600 acres, 4,000 tons), Jowar (11 740 600 acres 1 570 300 tons) Bajri (6 231 800 acres 718 100 tons) Ragi (785 300 acres 243 000 tons) Maize (535 900 acres 172 600 tons) Kodra (394 500 acres 117 200 tons) Other cereals (836 600 acres 227 000 tons)

Total Cereals (25 789 000 acres 4 414 900 tons)

Pulses Tur (711 600 acres 153 400 tons) Gram (894 900 acres 120 500 tons) Other pulses (2 709 800 acres 367 500 tons)

Total Pulses (4 316 300 acres 641 400 tons)

Total area under cash crops 11 153 600 acres

Main cash crops of the State with acreage and total production of individual crops within brackets

Groundnut (2 031 000 acres 752 000 tons) Castor seed (113 000 acres 13 000 tons) Cotton (2 491 000 acres 592 000 bales) Sesamum (264 000 acres 32 000 tons) Sugarcane (184 700 acres) Condiments and spices (321 500 acres) Linseed (67 000 acres) Coconut (30 600 acres) Other oil seeds (692 100 acres) Rape Seed and Mustard (39 300 acres) Fruits and vegetables (311 400 acres) Potato (21 600 acres 42 200 tons) Other fibres (85 600 acres) Tobacco (238 600 acres) Fodder crops (4,256 200 acres)

HOLDINGS

Slightly more than half the total number of holdings consist of less than 5 acres

About 80 per cent of the holdings comprising about 40 per cent of the occupied land consisted of holdings of 15 acres and under

About 18 per cent of the total number of land holders held about 50 per cent of the occupied agricultural land in holdings of between 15 and 100 acres

Only 3 8 per cent of the cultivated land is irrigated

FORESTS (1952)

Total forest area 18 455 sq miles

Total area of reserved forests 13 822 sq miles

Area of protected forests 1 313 sq miles

Area of unclassed forests 3 320 sq miles

Total revenue from forests Rs 3 19 82 345 (annually)

Expenditure incurred on forests Rs 1 40 3 000 (annually)

Area open to cattle grazing 16 761 sq miles

Number of cattle admitted to graze 40 lakhs

Total area under silviculture 10 600 sq miles

Area under artificial regeneration 1 900 acres

Number of seedlings planted during Vanamahotsava in 1951 823,000

Major forest produce and the quantity of each Timber (14,108,000 cft) fuel (47 866 000 cft) and sandalwood worth Rs 4 20,001

Minor forest produce Bamboos canes stones honey shikekai and hirda

Revenue from issue of games licences Rs 13 700 per year

Value of some of the minor forest produce Bamboos Rs 9 19 16 Grass and grazing value Rs 26 23 000 Other produce Rs 9 12 3 6

Total Bovine population of the State 16 077 248 (Cattle 11 91 298 Buffaloes 4 161 950)

Total number of Sheep 2 51 423 Goats 1 311 630 Horses 134 42 Donkeys 11 713 Mules 3 022 Camels 2 812 Pigs 73 661 Poultry 6 28 506 Fowls 6 244 774 Hens 3 322 156 Cocks 934 851 Chicken 1 987 767 Ducks 206 58 Drakes 11 81 Ducklings 8 349

TRANSPORT (1953)

Total mileage of roads 26 673 (metalled roads 14 43 miles unmetalled roads 12 238 miles)

Total mileage of national highways 1 228, state highways 1 863

Total mileage of major district roads 8 647 other district roads 4 942 village roads 5 925

Total mileage of cement roads 14 (excluding municipal areas) asphalt roads 55 (excluding municipal areas)

Total mileage of railways in the State 2 627 (Broad gauge 1 562 miles Metre gauge 880 miles Narrow gauge 384 miles)

Total mileage of navigable waterways 600

Total number of aerodromes 8

Total number of mechanical transport vehicles in the State 71 362 (highest in the country) (motor cycles 6 89 motor cars 39 042 taxis 3 376 stage buses 4 130 lorries 16 608 ambulance cars 119 school buses 104 miscellaneous vehicles 1 088)

Total number of non mechanical transport vehicles 28 614 (Victorias 2 523 Tongas 6 508 Dhamnis 118 bullock carts 11 351, hand carts 5 114)

Total number of non mechanical water craft About 20 000 (14 000 being fishing craft)

Total number of mechanically propelled water craft 230 (only for fishing)

Number of combined posts and telegraph offices 682

Number of post offices in Bombay Circle (including Bombay State Saurashtra and Kutch) 3 817

Total number of letter boxes 1 030 (Urban 3,587, Rural 11 443)

Total number of postmen 6 585 (village postmen 3,603, Urban postmen 2,982)

Length of railways, roads, etc over which mail is conveyed 23,496 miles

Number of letters postcards, newspapers, parcels and packets 475,833 047

Number of Inland and foreign money orders issued 8,320 175

Amount of money orders issued Inland Rs 27,64,60 708, Foreign Rs 9 64,005

Amount of money orders paid Inland Rs 25 89 96,774 Foreign Rs 1,79,39,733

Number of telegraph offices 619
Number of telephone exchanges 57
Number of public calls offices 152
Total number of telephones 42,156

Number of Broadcasting stations in the State 5

Number of radio licences 110 795

STATE TRANSPORT (1953)

Passenger Road transport is nationalised in this State but not the goods transport

Name of the transport authority Bombay State Road Transport Corporation

The Corporation is constituted under provisions of the Road Transport Corporation Act 1950

Capital invested in the Corporation by the State Government and the Government of India Rs 864 lakhs

Total mileage covered About 151 000

Routes covered by nationalised passenger service There are only a very few pockets left out to be taken over by the Corporation In the pockets taken over by the Corporation most of the routes are taken over Presently the operations extend over 1 367 routes all over the State

Number of passenger vehicles owned by the authority 2 327 (as on 30th November 1953)

Number of goods vehicles 463 (November 1953)

Number of nationalised city bus services Three (Baroda Kolhapur and Belgaum)

Number of municipalised city bus services Four (Bombay Poona, Ahmedabad and Sholapur)

Total number of passengers carried in 1952 53 by the Road Transport Corporation 7 92 18,695

Total amount of goods carried 3 09 lakh tons of foodgrains (April to September 1953)

Total expenses of the Corporation for 1951 52 estimated at Rs 507 49 lakhs

Total revenue for 1951 52 Estimated at Rs 510 49 lakhs

Profit for 1951 52 Rs 3 lakhs (as per un audited balance sheet)

Extra amenities provided for passengers Luxurious and comfortable buses and well equipped bus stations at important places

Rate per passenger mile after nationalisation Nine pies No difference between pre and post *nationalisation rates per mile*

Ratio of total wage bill to total working expenses The total wage bill is about 25 62 per cent of the total working expenses

Number of main and sub workshops for repair and overhaul One Central Workshop 14 divisional workshops and about 45 depot workshops

The nationalisation of passenger transport is expected to be completed during 1954 55

TRADE

Coasting Trade (Imports) Merchandise Rs 48 55 97 113 (Indian produce and manufactures Rs 44 66 89 787, Foreign manufactures Rs 3 89,07 326)

Coasting Trade (Exports) Merchandise Rs 51,43 79,199 (*Indian produce and manufactures* Rs 34 21 2,434 Foreign manufactures Rs 17 22 58 765)

Total coasting trade (excluding treasures) Rs 99 99 76 312

Total value of the more important items of imports (Indian produce and foreign produce) of the subordinate ports of Bombay State Rs 9,1 1 76 723

Total value of the more important items of exports (Indian produce and foreign produce) at the subordinate ports of Bombay State Rs 6 49 46 070

Details of total value of private imports into the Port of Bombay

Food, drink and tobacco Rs 66 58 07 lakhs

Raw materials and produce and articles mainly unmanufactured Rs 85 92 43 lakhs

Articles wholly or mainly manufactured Rs 1 58 34 86 lakhs
Living animals Rs 4 80 lakhs
Postal articles Rs 3 33 38 lakhs

Details of total value of private exports (including re exports) from the Port of Bombay
Food, drink and tobacco Rs 10 67 06 lakhs
Raw materials and produce and articles mainly unmanufactured Rs 33 14 27 lakhs
Articles wholly or mainly manufactured : Rs 64,23 89 lakhs
Living animals Rs 4 32 lakhs
Postal articles Rs 1,11 40 lakhs

POWER PROJECTS

Total number of plants generating power in Bombay State 322 (Steam plants 23, Oil plants 286 Hydro plants 23)
Plants owned by Government Steam plant 1 Oil plants 50, Hydro plants 4
Plants owned by private companies Steam plants 22 Oil plants 232, Hydro plants 19 Oil plants owned by Municipalities 4
Total installed capacity of generating plants 393 343 kW
Installed capacity of steam plants 112,657 kW
Installed capacity of oil plants 35 560 kW
Installed capacity of hydro plants 245,126 kW.

UNITS OF ELECTRIC ENERGY SOLD IN BOMBAY STATE

(KWH sold in millions)

Domestic consumption Heat and Power 25 965. Lights and fans 99 161
Commercial light and small power Heat and Power 15 919
Lights and fans 79 361
Industrial Power Low and medium voltage supply 168 1114
Industrial Power, High voltage supply 877 630
Public lighting 11 289
Traction 270 946
Irrigation 3 219
Public water work and sewage pumping 28 669
Total number of concerns 139
kWH generated in millions 1 831 330
kWH sold in millions 1 580 273
Total number of cities and towns in Bombay State served with electricity 183
Total number of Undertakings with own generating stations 93

Location of these generating stations and their number Bombay City 1 Ahmedabad District 3, Kaira District 5 Broach District 2 Panch Mahals District 3 Surat District 12 Amreli District 3 Baroda District 3, Mehsana District 8 Banaskantha District 2 Sabarkantha District 1, West Khandesh District 2, East Khandesh District 5, Nasik District 5 Ahmednagar District 2 Poona District 3 Sholapur District 4, Satara North District 7 Satara South District 2, Kolhapur District 2, Belgaum District 3, Bijapur District 2, Dharwar District 7, Thana District 2 Kolaba District 3, Ratnagiri District 1

Power Projects

Name of Project	District Area Benefited	Date begun	Date of Completion	Total cost Rs in lakhs	Development Expenditure Five years 51 56 Rs in lakhs	Installed capacity Power in thousand Kilowatts
Radhanagari Hydro electric Project	Kolhapur City and villages between Radhanagari and Kolhapur	1940	1953–54	207	85	5
Kolhapur Emergency Irrigation and City Conversion Scheme	Kolhapur and neighbouring areas	1947	1953	29	17	
Jog Distribution Scheme	Dandeli, Dharwar, Hubli, Gadag, Byadgi and Ranibennur in Dharwar and Kanara districts	1950	1953–54	213	213	
Chola Power Station	Bombay, Poona, Kolaba and Thana	1951	1953	295	267	54
North Gujarat Electric Grid Scheme	Ahmedabad, Kaira and Baroda	1947	1954–55	251	161	
South Gujarat Electric Grid Scheme	Surat Rander, Navsari Billimoria and Bulsar in Surat district	1947	1955–56	321	230	22
Electrification of towns and villages	7 towns in Bijapur district, 6 towns in Belgaum district, 3 towns in East Khandesh district, 4 towns in Ratnagiri and 1 in Satara districts 22 villages in Satara district and 10 villages in Bulsar district	1947	1954–55	96	70	3
Total				1,412	1,043	84

Other power projects under execution
Koyna Valley Scheme (first stage) 240,000 kW
Trombay Thermal Plant Scheme 50,000 kW

CO-OPERATION

Total number of co-operative societies 14,815
Total membership 20,87,174
Working capital Rs 6,876 lakhs

Share capital, reserve and other funds Rs 1,984 lakhs

Total number of agricultural societies 10 143 (8,947 credit societies and 1,196 non credit societies)

Working capital Rs 817 17 lakhs

Total amount of deposits held by the societies Rs 267 11 lakhs

Better farming societies 99
Total membership 5,854
Working capital Rs 3 65 203
Paid up and share capital Rs 1 59 803
Co operative farming societies 224
Total membership 6 000
Area covered 63 000 acres
Cultivated area 30 000 acres
Better Living societies 48
Total membership 4 697
Multipurpose societies 2 161
Total membership 2 20 111
Working capital Rs 2,87 68 493
Sale of goods Rs 6,68 07,050

Co operative Marketing Societies 844 (Of these 84 are cotton sale societies 43 are fruit sale societies and one is a provincial marketing society)
Number of members (individuals) 1 01,205
Number of member (societies) 4 335
Paid up share capital Rs 50,80,701
Reserve fund Rs 64 10 184
Working capital Rs 2,70,39 372
Profit Rs 14 10 764
Forest Labourers Co operative Societies 61
Total membership 7,755
Number of coupes allotted 80
Share capital Rs 1 00 392
Reserve and other funds Rs 1 97,245
Non agricultural societies 4,412
Total number of members 11,38,073
Working capital Rs 3313 25 lakhs
Consumers Co operative Societies 1 113
Total membership 622 597
Working capital Rs 1 48,48 877
Total sales effected Rs 12,90 72,000
Profits earned Rs 18 86 lakhs
Dairy societies 60
Milk supplied 96,69 496 lb
Price of milk Rs 30 94 lakhs
Co operative Housing societies 769
Number of members 37,117
Share capital Rs 1,51,66 474
Government loan Rs 50,52 948
Other borrowings Rs 1,21,49,038
Reserve and other funds Rs 37,49,846
Working capital Rs 5,59 65,414
Number of tenements constructed 3,692
Number of tenements under construction 684
Lift irrigation societies 147
Area under irrigable command 52,026 acres
Co operative Societies for displaced persons 124
Total of membership 4,195
Working capital Rs 14,40,571

PUBLIC HEALTH

Commonest diseases in the State

Cholera Deaths 2,332 (Rural 2,020, Urban 303)

Small Pox Deaths 6,350 (Rural 4,139, Urban 2,211)

Plague Deaths 1,139 (Rural 1,051, Urban 88)

Malaria Deaths 35,299 (Rural 31,580, Urban 3,719)

Influenza Deaths 51 (Rural 40, Urban 11)

Enteric fever Deaths 5,379 (Rural 3,021, Urban 2,358)

Other fevers Deaths 192,816 (Rural 188,857, Urban 36,282)

Dysentery and Diarrhoea Deaths 21,251 (Rural, 14,365, Urban 6,886)

Respiratory diseases Deaths 99,799 (Rural 65,998, Urban 33,841)

Other causes Deaths 239,385 (Rural 173,224, Urban 66,161)

Total of allopathic hospitals and dispensaries 1,441 (Rural 1,055, Urban 386)

Number of Government allopathic hospitals and dispensaries 400

Number of beds available 10,852

Number of in patients 269,841 per year, out patients 5,927,875 per year

Total number of operations performed in hospitals 343,261 per year

Number of allopathic medical colleges 6

Number of leprosy hospitals 17 of which 7 are Government

Number of beds in leprosy hospitals 2 163

Number of mental hospitals 6 beds in mental hospitals 2,354

Number of tuberculosis hospitals 17 of which three are Government beds in tuberculosis hospitals 1,988 (477 maintained by Government)

Number of cancer hospitals 1 beds 100

Number of ayurvedic hospitals 6, beds 250

Number of Homoopathic hospitals 1 beds 30

Orthopaedic hospitals 1

Number of Government cottage hospitals 11

Travelling dispensaries 6

Mobile eye dispensary 1

Eye camps 8

Number of subsidised medical practitioners centres 352

Subsidised allopathic centres 100 subsidised ayurvedic centres 241, subsidised Unani centres 11)

Total number of patients treated in all centres 1 023,794

Allopathic medical colleges 6 (Students 2,800)

Ayurvedic colleges 6 (Students 951) Dental colleges 2 (Students 214)

Names of special medical research institutions Haffkine Institute, Indian Cancer Research Centre

Number of training classes for nurses and mid wives 21

Total number of nurses in the State 5,534 midwives 724

Registered Medical Practitioners 12 052 Vaids and Hakims 4,519, Dentists 363, Compounders 5,428

EDUCATION

PRIMARY EDUCATION

Total number of primary schools 28,896

Total number of pupils 3,446,434

Total number of teachers 91,870

Training institutions 91

Total expenditure Rs 9 73 crores (Contribution by the Government Rs 6 54 crores Other sources Rs 3 19 crores)

BASIC INSTITUTIONS

Full fledged basic schools 63

Agricultural bias schools 206

Craft teaching primary schools 2,200

Full fledged basic training institutions 12

SECONDARY EDUCATION

Secondary schools 1,403

Number of boys 421,540

Teachers 19,511

Training institutions, including basic and physical institutions 9

Total expenditure Rs 4 29 crores (Contribution by the Government Rs 1 36 crores, By other sources Rs 2 93 crores)

University Education

Number of Universities in the State 6

Total number of colleges affiliated to the universities 105

Total number of students in the colleges 49,608 (Male students 41 727, Female students 7,881)

Total number of arts and science colleges 61 (Men s 56, Women s 5)

Total enrolment of males 30 586, females 7,090

Colleges of Education 8

Total number of male students in these colleges 429, Female students 132

Number of different types of professional colleges with number of male and female students within brackets Engineering colleges 8 (Male students 1,434, Female students 3), Technological colleges 1 (Male students 117 Female students 6) Medical colleges 7 (Male students 1,816, Female students 406), Agriculture colleges 3 (Male students 848, Female students 3) Commerce colleges 7 (Male students 4 442, Female students 87), Law colleges 6 (Male students 1 761 Female students 68), Other professional colleges 2 (Male students 200)

Colleges for physical education 1 (Male students 60, Female students 16)

College for Social education 1 (Male students 34, Female students 20)

Number of pre primary schools in the State 125 (Pupils 8 836)

Number of special schools 10 507 (Pupils 273,898)

Unrecognised schools 552 (Pupils 25 840)

Engineering, Technical and Industrial Schools 177 (Pupils 14 873)

Commercial schools 81 (Pupils 9,349)

Other Vocational schools 26 (Pupils 1 719)

Agricultural schools 15 (Pupils 1,009)

Total number of all kinds of recognised institutions in the State including colleges 40,801 (Pupils 4 034 350)

Total expenditure on recognised institutions From Government funds Rs 12 38 72,696 (from Central Government Rs 2 53 460) From District Local Boards and Municipal funds Rs 2,27 93,177 From fees Rs 4 58 96 746 From other sources Rs 2,12 70,688

SOCIAL EDUCATION

Social Education classes 12 327
Number of adults on roll 309 007
Adults made literate (in 1949 50) 132 700

TRAINING SCHOOLS

Primary training institutions for men 63
Teachers under training in the schools 8 218
Training institutions for women 32
Women teachers under training 3 210

Total expenditure on training of teachers in 1950 51 Rs 30 55,604

PROFESSIONAL SCHOOLS

Number of medical schools 25 (Students 1,596), Basic schools 54 (Pupils 15 721), Spinning and Weaving schools 2,129, Kitchen gardening and agricultural schools 262, Cardboard modelling and carpentry schools 283, Village libraries and reading rooms 3,823, Music schools 32 (Students 1,838)

SCHOOLS FOR DEFECTIVES, ETC

Schools for defectives 16 (Students 664), Schools for mentally handicapped 2 (Students 69), Schools for the blind 5 (Students 201), Schools for deaf blind 2 (Students 99), Schools for deaf-mute 7 (Students 294)

Expenditure on the following schools Schools for mentally handicapped Rs 57 079 Schools for the blind Rs 73 159 Schools for Deaf blind Rs 40,975, Schools for Deaf mute Rs 52 240

LANGUAGE SCHOOLS

Number of pathashalas for the study of Sanskrit 57
Number of pupils in the Pathashalas 2 308
Arabic schools for the study of Persian 18
Number of pupils in the Arabic schools 1 110
Secondary schools specially started for the convenience of children of displaced persons 89

UNIVERSITIES IN BOMBAY STATE

University	Grant paid by the Government during 1950-51
	Rs
University of Bombay Bombay (affiliating)	9 00 200
University of Poona Poona (affiliating)	5 06 333
Karnatak University Dharwar (affiliating)	7 50 000
Gujarat University Ahmedabad (affiliating)	6 00 000
Maharaja Sayajirao University of Baroda (affiliating and residential) Baroda	13 81 12
Shrimati Nathibai Damodar Thakersey Women's University Bombay (affiliating)	3 50 000

RESEARCH INSTITUTIONS

School of Economics and Sociology University of Bombay Bombay
Gokhale Institute of Politics and Economics Poona
Tata Institute of Social Sciences Andheri Bombay
The Deccan College Post Graduate and Research Institute Poona
Bharatiya Vidya Bhavan Bombay
The Kannada Research Institute Dharwar
The Bhandarkar Oriental Research Institute Poona
The Department of Chemical Technology University of Bombay Bombay
The Tata Institute of Fundamental Research Bombay
The Physical Research Laboratory Ahmedabad
The Maharashtra Association for Cultivation of Science Poona
The Poona Natural History Club Poona
The Poona Film Society

LAND RECLAMATION

Number of tractors maintained by the Mechanised Cultivation Department 231
Number of bulldozers 44
Area ploughed Deep ploughing 153 000 acres Shallow ploughing 226 000 acres Harrowing 27 000 acres Grading and levelling 103 000 hours
Area brought under soil conservation 1 200 000 acres
Number of agricultural colonisation schemes 17
Area covered by these colonisation schemes 25 720 acres
Total area reclaimed by these schemes 20,810 acres
Number of families settled 1 964
Reclamation of khar lands
Schemes approved 132 covering an area of 69 008 acres
Scheme completed 48 covering an area of 18 547 acres
Disposal of Waste lands
Total area permanently disposed during 1951 52 67 238 acres
Total area temporarily disposed during 1951 52 620 333 acres

AAREY MILK COLONY, 1953

When started 1949
Number of units at Aarey 26
Number of buffaloes 15 000
Total quantity of milk per day from Aarey 2 000 maunds
Total quantity of milk per day from Anand 1 150 md
Total quantity of toned milk 800 md
Quantity of skim milk powder sold monthly to restaurants and hotels in Bombay city 150 tons
Number of milk centres in Greater Bombay 700
Total number of consumers 800 000
Quantity of toned milk distributed to school children in Bombay city per day 10 000 bottles
Value of milk distributed per annum Rs 1 crores
Number of bottles filled daily at the colony 500 000
Quantity of milk pasteurised in the dairy per hour 500 maunds
Number of milk cans washed steamed sterilised and dried per hour 1 200
Bottle washing machines 4
Bottles washed per hour 48 000
Employees in the whole Government milk scheme 2 200
Visitors to milk colony per month 25 000
Sale price of milk per seer 14 annas

Another large dairy including milk powder making plant is being put up at Anand at a cost of Rs 80 lakhs It will be ready by October 1955

HOUSING BOARD

In 1947 the Bombay Government constituted a Housing Organisation to remove the growing housing shortage in the chief industrial cities of the State by a programme of direct construction

This Organisation known as the Bombay Provincial Housing Board functioned initially as a Department of the Government till the end of 1948

A statutory body known as the Bombay Housing Board was established on January 1 1949 under the Bombay Housing Board Act 1948

The principal functions of the Board are

1) To formulate and execute the programme of construction of houses for industrial, labour and the low income group of people in the State

2) To facilitate private enterprise as well as local bodies to build houses

3) To expedite and cheapen the cost of construction of houses by all possible means and

4) To undertake other housing projects for and on behalf of the State Government

The Chairman of the Board who is nominated by the Government is assisted by four non official members also nominated by the Government The Housing Commissioner a Government officer is the Chief Technical Adviser and Executive Head of the Organisation

The construction undertaken and executed by the Board is broadly classified as under —

1) Industrial housing and allied schemes at Bombay and Ahmedabad

2) Housing for the low income group along with ancillary projects in Bombay Ahmedabad, Sholapur and Hubli

3) Housing for displaced persons including all development schemes at Bombay and Ahmedabad Baroda Kolhapur and Pimpri (near Poona) construction of refugee townships — Ulhasnagar near Bombay and Sardarnagar, near Ahmedabad

4) Subsidized industrial housing schemes in the State (Bombay and Ahmedabad) and

5) Development of an area for a township on behalf of Co operative Societies at Juhu, near Bombay

Number of tenements constructed for industrial workers 2 237
Cost of tenements including overhead charges Rs 1 55 58 821
Number of tenements for non industrial housing 5 741
Total cost of tenements including overheads Rs 1 74 21 048
Number of tenements constructed for displaced persons 23 10 (and 1 101 shops)
Tenements under construction 5 304 and 255 shops
Tenements proposed to be taken up in 1954 55 9 600
Total expenditure incurred on housing of displaced persons up to date Rs 6 55 crores
Total expenditure likely to be incurred on housing in 1954 55 Rs 11 20 crores

IRRIGATION

Total area irrigated under cereals millets and pulses 1 347 200 acres
Total area irrigated under sugarcane 172 400 acres
Total area irrigated under miscellaneous food crops 223 200 acres
Total area irrigated under food crops 1 742 800 acres
Total area irrigated under non food crops 268 800 acres

AREAS IRRIGATED BY DIFFERENT SOURCES OF IRRIGATION

Government canals 378 200 acres
Private canals 64 400 acres
Wells 1 03 5 300 acres
Tanks 154 000 acres
Other sources 129 500 acres
Total number of major irrigation schemes operating in Bombay State 10
Total area irrigated 3 52 000 acres annually
Number of major irrigation projects now under construction 7

Irrigation Projects

Name of Project	District Area Benefited	Date begun	Date of completion	Total Cost Rs in lakhs	Development Expenditure Five Years 51 56 Rs in Lakhs	Area to be irrigated on completion in '000 Acres
Gangapur	Nasik	1949	1957	334	234	45
Ghataprabha left bank canal	Belgaum and Bijapur	1949	1957	545	445	100
Mahi right bank canal	Kaira	1948	1956	425	401	90
Ranand Tank	North Satara	1949	1953	22	19	3
Kolchi Weir	Bijapur and Dharwar	1949	1953	11	7	4
Lower Tapi valley (Stage I)	Surat	1949	1955 56	1 216*	1,151	652
Total †				2 565	2,269	894

* Revised estimates for Rs 2 911 lakhs are under examination

† Includes other items

Total quantity of additional foodgrains that will be produced 1,78,060 tons

Number of major irrigation works now under investigation 15

Number of those whose investigation has been completed 6

Total cost of the mammoth Koyna Valley Hydro Electric cum Irrigation Project Rs 92 crores

Quantity of power generation 660 000 kW

Area to be irrigated when project is fully implemented 440 000 acres

Number of medium irrigation schemes under taken 5 out of 26

Number of minor irrigation works proposed 1 779

Total area to be irrigated 202 567 acres

Additional tonnage of foodgrains 40 413 tons

Number of works completed upto end of February 1953 794

Area irrigated 102 567 acres

Quantity of additional foodgrains produced 30 066 tons

Minor irrigation works under construction 515

Area to be irrigated when completed 102 290 acres

Quantity of additional foodgrains to be produced 24 000 tons

Capital cost on irrigation in 1946 47 Rs 19 000

Annual expenditure on irrigation in 1952 53 Rs 5 11,75 000

LABOUR

Total number of factories in the State 6,835

Average daily number of workers 789,463

Names of industries giving the average annual wage of workers within brackets

Government and local fund factories (Rs 1 063 72), Cotton spinning and weaving mills (Rs 1,342 68) Hosiery (Rs 708 07), Silk mills (Rs 906 26) Woollen mills (Rs 1,318 01) Miscellaneous (Rs 965 30) Textile mills (Rs 1 310 74) Engineering (Rs 1 121 17) Minerals and metals (Rs 938 28) Food drink and tobacco (Rs 948 57) Chemicals and dyes (Rs 860 98) Paper and printing (Rs 1 038 61), Processes relating to wood, stone and glass (Rs 734 30) Processes connected with hides and skins (Rs 728 86), Miscellaneous (Rs 927 98)

Number of industries covered by the Bombay Industrial Relations Act 9

Number of workers covered by the B I R Act About 500 000

Number of trade unions in the State 947

Total membership of the unions 748 434

Number of unions affiliated to the Indian National Trade Union Congress 100

Total membership of unions affiliated to I N T U C About 200 000

Total number of labour welfare centres in the State 51

Total annual attendance at these centres (in 1953) 14 033 750

Number of tenements constructed for industrial workers 2 233

Total cost of tenements including overhead charges Rs 1 55 58,821

(Under Government of India's subsidized Industrial Housing Scheme, 1 929 tenements at Bombay and Ahmedabad have been sanctioned at a total cost of Rs 222½ lakhs)

CIVIL SUPPLIES

Total procurement of foodgrains from November 1952 to October 1953

Rice 154,000 tons Wheat 59,300 tons, Other foodgrains 38 800 tons

Cereal offtake from November 1952 to October 1953 Rice 302 800 tons Wheat 495 600 tons, Coarse grains 255 400 tons

Amount of subsidy given for wheat in scarcity areas during 1952 53 Rs 22 1 Lakhs

Target fixed for rice procurement during 1954 180 000 tons

Quantity of rice expected from the Government of India 250,000 tons

Foodgrains are completely decontrolled in Bombay State excepting rice which is rationed the quantum being six ounces per head per day Locally produced wheat is also controlled in 11 cities with a population of 100 000 and more

ANIMAL HUSBANDRY

Number of Government cattle breeding centres 4

Number of subsidised cattle breeding centres 9

Number of cattle treated against disease in Government Veterinary dispensaries 465 418

Number of animals inoculated against Rinderpest 359,999

Number of castrations performed 71 161

Number of veterinary dispensaries 252

Number of students in Veterinary college 188

1951 CENSUS

Bombay Districts	Total	Males	Females	Rural	Urban
	35 956 150	18 614 862	17 341 288	24 785 810	11 170 340
Greater Bombay	2 839 270	1 779 259	1 060 011		2 839 270
Banaskantha	74 796	384 082	364 714	691 954	56 842
Sabarkantha	684 017	346 774	337 243	635 005	49 012
Mehsana	1 471 662	738 528	732 134	1 148 431	323 231
Amreli	317 203	160 974	156 229	230 767	86 436
Baroda	1 194 746	624 359	570 387	897 528	297 218
Ahmedabad	1 685 630	911 869	773 761	689 145	996 485
Kaira	1 612 426	843 250	769 176	1 156 891	455 535
Panch Mahals	1 148 432	593 521	554 911	1 011 285	137 147
Broach	706 035	368 145	337 890	577 030	129 005
Surat	1 827 842	918 277	909 565	1 439 191	388 651
Thana	1 518 050	796 007	722 043	993 216	524 834
Ahmednagar	1 410 873	715,763	695 110	1 196 041	214 832
East Khandesh	1 471 351	746 452	724 899	1 003 918	467 433
West Khandesh	1 146 024	581 140	564 884	950 553	195 471
Nasik	1 429 916	730 927	698 989	1 059 966	369 950
Dangs	47 282	25 196	22 086	47 282	
Poona	1 950 976	1 006 201	944 775	1 116 253	834 723
Satara North	1 175 309	572 967	602 342	1 014 970	160 339
Sholapur	1 505 316	773 809	731 507	1 035 098	470 218
Kolaba	909 083	445 580	463 503	813 055	96 028
Belgaum	1 726 908	882 278	844 630	1 309 239	417 669
Bijapur	1 396 185	705 526	690 659	1 074 731	321 454
Dharwar	1 575 386	804 476	770 910	1 082 582	492 804
Kanara	517,780	263 206	254 574	394 220	123 560
Ratnagiri	1 711 964	769 635	942 329	1 553 858	158 106
Satara South	1 000 141	508 240	491 901	713 211	286 930
Kolhapur	1,227 547	623 121	604 126	950 090	277 457

LANGUAGES

Below we give the number of persons whose mother tongue is Marathi Gujarati, etc The first figure shows the number of males, the second figure the number of females

Marathi (8,055 140, 7,795,492), **Gujarati** (5,895,208, 5,518,348), **Kannada** (2,224,968, 2,125,823), **Urdu** (1,024,173, 892,908), **Hindi** (349 322 135 956) **Bhili** (188,270, 181 792) **Konkani** (166 374, 147 303), **Telugu** (166,425 140 524), **Sindhi** (146 461 133 640) **Rajasthani** (146,872, 112 462), **Tamil** (66 609 43 761)

The rest of the languages are spoken by less than a lakh each

The corresponding figures for some Districts are as follows

Greater Bombay

Marathi (754 106 482 768) Gujarati (301 200, 221 927), Kannada (34 021 17 990) Urdu (186,899, 95 076), Hindi (178 565 32,758) Konkani (75 277 54 686), Telugu (47 290, 30,710) Sindhi (34 655 32 059) Rajasthani (12,263 3,618), Tamil (37 136 22,159) Punjabi (19,214 12,302), Kachchi (23 977, 18 875),

English (18,313, 17,126), Malayalam (25 212, 6,301) Bengali (6,750 3,219), Tulu (6,816, 1 788), Persian (3 248, 1,643)

The number of languages spoken as mother tongue is 67

Dangs

Marathi (23 565, 21 452) Gujarati (1,362, 440)

Sholapur

Marathi (557,441, 533 121), Kannada (98,800, 89,768)

Belgaum

Marathi (233 938, 225 223), Kannada (567 086, 544,193)

Kanara

Marathi (19,835 16,495) Kannada (146,370, 136 654), Konkani (75 030 78 707)

GROUPS BY EDUCATIONAL STANDARD

The number in each group in Bombay State is as follows The figure preceding the brackets gives the total The first figure in the brackets gives the number of males and the second the number of females

Literates 7,773 538 (5 742 594, 2,030 944), Middle School 997 683 (470 377 127 306), Matriculate or S S L C 271 610 (230 411 41,199), Intermediate in Arts or Science 40,976 (34 816, 6,160)

Graduate in Arts or Science 48,489 (40 676 7,813) Post graduate in Arts or Science 6 242 (5 361 881) Graduates in teaching 34 948 (26 216 8,732), in Engineering 9,760 (9,728 32) in Agriculture 1 330 (1 323 7) in Veterinary 322 (263 59) in Commerce 8 615 (8,436, 179) in Law 12,479 (12,294, 185) in Medicine 13 069 (10,713 2 356), Other graduates 10 467 (7,689 2,778)

AGRICULTURAL CLASSES

The first figure in the brackets gives the number of males, the second figure the number of females

Total agricultural classes 22 098 293 (11 077 932 11 020,361) Self supporting (4,686 507 7 52 704) Non earning dependents (5 164 734 6 89 5 299) Earning dependents (1 226 690 3 372 358)

Total cultivators of land wholly or mainly owned and their dependents (7 357 679 7 291 206), Self supporting persons (3 033,189 362 502) Non earning dependents (4,500,142 4,687 482), Earning dependents (824,348, 2 241,222)

Total cultivators of land wholly or mainly unowned and their dependents (1,758 255, 1,726 765), Self supporting persons (750 901, 85,663) Non earning dependents (810 088 1,048 913), Earning dependents (197,206, 592 189)

Total cultivating labourers and their dependents (1,640 920, 1 611,626) Self supporting persons (777,821 232 021), Non earning dependents (678,269 879 270), Earning dependents (184 830 500,135)

Total non cultivating owners of land, agricultural rent receivers and their dependents (321 078, 390 764) Self supporting persons (124,536, 72,518) Non earning dependents (176 236 279 634) Earning dependents (120 306 38 612)

NON-AGRICULTURAL CLASSES

Total non agricultural classes 13,857,857 (7,536,930 6 320,927), Self supporting persons (3,889 523 463 527) Non earning dependents (3,248 469 5 256,044), Earning dependents (398,938, 601,356)

Total of persons and their dependents who derive their principal means of livelihood from production other than agriculture (2,727,891, 2,221,266) Self supporting persons (1 455 328 120,669), Non earning dependents (1,102,969, 1,814,073), Earning dependents (169,594, 286,524)

Total of persons and their dependents who derive their principal means of livelihood from commerce (1,482,275, 1,254,038) Self supporting persons (724 539, 57,005) Non earning dependents (684 758 1 142 269), Earning dependents (72 978, 54 764)

Total of persons and their dependents who derive their principal means of livelihood from transport (443 416 358,772) Self supporting persons (239 829, 7,003), Non earning dependents (186 122 332 489), Earning dependents (17 465, 19 280)

Total of persons and their dependents who derive their principal means of livelihood from other services and miscellaneous sources (2 883 348 2 486 851), Self supporting persons (1 469 827, 278 950) Non earning dependents (1 271 620 1 967 213) Earning dependents (138,901 240 788)

INDUSTRIES AND SERVICES

The number of employers employees and independent workers in industries and services in Bombay State are given below The first figure in brackets shows the number of males the second figure the number of females

Total of employers, employees independent workers 4 238 220 (3 806 825 431 395), Employers (197,291 10 263) Employees (2 148 333, 182 416) Independent workers (1,461 201 238 716)

PRIMARY INDUSTRIES

Below we give the total number of persons (employers employees independent workers) engaged in some individual industries The first figure shows the number of males and the second figure the number of females

Stock raising (62 252 5 342), Rearing of small animals and insects (923, 107) Plantation industries (3 436, 456) Forestry and collection of products not elsewhere specified (127 501 2 613), Hunting (633, 105) Fishing (46 430 6 233)

Mining and Quarrying

Mining and Quarrying (18 832, 2 447), Non metallic mining and quarrying not elsewhere specified (278 6) Coal mining (87 0) Iron ore mining (11 0) Metal mining except iron ore (1 894 512) Crude petroleum and natural gas (34 0), Stone quarrying clay and sand pits (11 008 1,676) Mica (7 0) Salt, saltpetre and saline substances (5 513, 253)

Food Stuffs, Textiles, Leather

Grains and pulses (18,542 1 666), Vegetable oil and dairy products (31,255 2,582) Sugar Industries (16 842 1 308), Beverages (4 856 107) Tobacco (29,970 9 808), Cotton textiles (519,340 44 900) Wearing apparel except foot wear (86,721 7 248) Textiles otherwise unclassified (52,714 7,104), Leather, leather products footwear (57 736 3,003) Food industries otherwise unclassified (14,440, 1 625)

Iron and steel (9,992, 218), Non ferrous metals (1,291, 68), Transport equipment (42 572 479) Electrical machinery, apparatus, etc (6,372 140), Machinery other than electrical (27,726, 485) Metal products otherwise unclassified (83 091 2,391), Basic industrial chemicals, fertilizer and power alcohol (5,411, 297), Medical and pharmaceutical preparations (4,053, 372), Manufacture of chemicals otherwise unclassified (14,568, 1,521), Total for processing, manufacture of metals, chemicals (195,076, 5,971)

Other Processings and Manufactures

Products of petroleum and coal (866, 51), Bricks, tiles, structural clay (11,879, 3,445), Cement and cement products (4,889, 236) Non metallic mineral products (36 785, 4,530), Rubber products (2,759, 175), Wood and wood products other than furniture and fixtures (119,649 6,843), Furniture and fixtures (6,007, 309) Paper and paper products (2,526, 323), Printing and allied industries (29 668, 507), Others (52,971, 1,625), Total (267,929, 18,044)

Construction and Utilities

Buildings (91,808, 12,948), Roads bridges, and other transport works (13 926 847) Telegraph and telephone works (261 67), Irrigation and other agricultural works (9 999, 1,026), Electric power and gas supply (10,259, 178), Domestic and industrial water supply (4,663, 375), Sanitary works and services (16,148 5,810) Others (4,309, 244), Total (151,373, 21,495)

Commerce

Retail trade in food stuffs including beverages and narcotics (268,153 34 426) Retail trade in fuel including petrol (30 598, 3 247), Retail trade in textiles and leather goods (82 780, 1,954), Wholesale trade in foodstuffs (16,521, 1 066) Wholesale trade in commodities other than food stuffs (66 022 2,443), Real estate (2 706 242), Insurance (9,430 286) Money lending banking and other financial transactions (5 599 1 122) Retail trade otherwise unclassified (192,670 11,915), Total for commerce (724,539, 57,005)

Transport, Storage, Communications

Transport by road (96 002, 3,576) Transport by water (49 763 1 276), Transport by air (2 892, 94) Railway transport (88,923, 1,943), Storage and warehousing (4,281, 159) Postal services (16 829, 544), Telegraph services (3,217, 130), Telephone services (2,218, 371), Wireless services (390, 14), Transport and Communications otherwise unclassified and incidental services (2 249 114) Total for transport, storage and communications (266 744, 8,521)

Public Services

Medical and other health services (31,552, 10 409), Educational Services and Research (90,383, 18,652) Police other than village watchmen (56,685, 892), Village officers and servants including village watchmen (22,534, 808) Employees of municipalities and local bodies (45 549, 7,123), Employees of State Government (118 957, 4 214), Employees of Union Government (60,796, 1,554), Employees of non Indian Governments (590, 45), Total for health, education and public administration (427,046, 43,697)

Other Services

Domestic services (159,057, 49 510), Barbers and beauty shops (52,863 1,025), Laundries and laundry services (27,812, 3 625), Hotels, restaurants and eating houses (115,235, 4,595), Recreation services (31,445, 3,030), Legal and business services (26,744, 1,517), Arts letters and journalism (6,507, 236), Religious, charitable and welfare services (37 249, 3,961), Services otherwise unclassified (325,383, 112,509), Total for other services (781,795, 180,008)

Prime industries not elsewhere classified (141,075, 14,856)

Miscellaneous Sources

The total number of self-supporting persons deriving their principal means of livelihood from miscellaneous sources in Bombay State are as follows

Total 114,830, From non agr property 22,535, From pensions, remittances, scholarships, funds 35,687, Inmates of jails, asylums, alms houses, recipients of doles 2,669, Beggars and vagrants 40,595, From other non-productive sources 13 345

AGE AND LITERACY

A ten per cent sample survey by age-group in Bombay State showed the following position The first figure in the brackets shows males and the second figure females

Number surveyed (1,844,542 , 1,715,653), Literates (642,996 , 215,516) , Illiterates (1,201,546 , 1,500,137)

Age group 5—9 Literates (43,448 , 25,364), Illiterates (193,404 , 203,448)

Age group 10—14 Literates (115,923 , 55,936) , Illiterates (116,099 , 154,495)

Age group 15—24 Literates (166,759 65,707) , Illiterates (162,958 , 247,222)

Age group 25—34 Literates (134,787 , 35,834) , Illiterates (164,029 , 237,310)

Age group 35—44 Literates (88,359 , 18,568) , Illiterates (135,314 , 179,582)

Age group 45—54 Literates (54,955 , 8,695) , Illiterates (93,587 , 120,000)

Age group 55—64 Literates (25,907 3, 62) , Illiterates (58 270 , 77 43)

Age group 65—74 Literates (9,645 , 1,402) , Illiterates (20,709 , 33,055)

Age group 75 and over Literates (3,128 , 420) , Illiterates (7,681 , 12,302)

HOUSEHOLDS

Total number of households in Bombay State 7,144 091 , No of rural households 4,863,769 No of urban households 2 280,322

269,598 households were examined in a sample survey . The total population of these households was 1,325,771 —685,394 males and 640 377 females

Among these the number of small households (3 members and less) was 89,811 The number of persons living in these households was 199,628

The number of medium households (4 to 6 members) was 115,970 and the number of persons 565,576 of large households (7 to 9 members) 17,173, and of persons 363 880 , of very large households (10 and over) 16,644 and of persons 196,687

AGE AND CIVIL CONDITION

In a 10 per cent sample survey the numbers in the different age groups were as follows

	Males	Females
Total	1 844 542	1 715,653
0	58 443	57 283
1 -4	190,844	184,722
5 -14	468 874	439,243
15—24	329 717	312,929
25 -34	298,816	273 144
35 -44	223,073	192 150
45 -54	148 542	128 69
55 - 64	84,177	80,992
65 - 74	30 354	34 457
75 and over	10 809	12 722

In a 10 per cent sample survey the civil condition in the different age groups is as follows

The total numter of persons surveyed 3 560 195 , males 1,844,542 females 1 715,653

MARITAL STATUS

	Unmarried		Married		Widowed or Divorced	
	Males	Females	Males	Females	Males	Females
Total	967,592	696,589	799 791	792,840	77,159	226,224
5—14	459,126	390,400	9,484	47,952	264	891
15—24	205,525	50,656	121 764	235,162	2 428	7 111
25—34	37 105	8,216	253,222	241,519	8,489	20 409
35—44	8,787	2,974	201,591	147,969	13 29	41 207
45— 54	4 190	1,282	125 914	68,985	18 438	58,428
55— 64	2,440	1,198	62,718	22,189	19 019	57,60
65— 74	712	515	19,437	4 910	10,20	29,032
75 and over	242	174	5,574	1 050	4 993	11 498

GREATER BOMBAY

With the inauguration of Greater Bombay on April 15, 1950, the limits of Bombay City have been extended to cover a total area of 91 sq miles, of which 65 sq miles constitute the newly merged areas The northern boundary of Greater Bombay now extends in an irregular line from Madh and Versova in the west to Jogeshwari in the centre, and Bhandup in the east right up to the Thana Creek The newly amalgamated region which formerly formed part of the Bombay Suburban District included the former Municipal areas of Bandra, Parle-Andheri, Juhu-Tara, Kurla and Ghatkopar Kirol, besides 38 inhabited villages

The old limit of Bombay City was upto the Mahim Creek It was 11 miles in length and 2 to 3 miles in width with a total area of 26 sq miles

On the west, south and east sides of Bombay City, or Greater Bombay as it is now called, lies the Arabian Sea and on its north-eastern boundary lies the narrow Thana Creek.

The present population of Greater Bombay is 2,839,270 of which about 510,250 are in the merged areas

The City which has a Corporation, was divided into 19 Wards for municipal purposes As Greater Bombay, it now has 24 Wards These are —

Ward No. 1 Upper Colaba, Middle and Lower Colaba and Southern Fort, *Ward No.* 2. Fort Northern and Esplanade, *Ward No* 3 Mandvi and Chakla, *Ward No* 4 Umerkhadi and Dongri, *Ward No* 5 Khara Talao and Kumbharwada, *Ward No* 6. Bhuleshwar and Markets, *Ward No* 7 Dhobi Talao and Fanaswadi, *Ward No* 8 Khetwadi and Tardeo; *Ward No* 9 Girgaum and Chowpatty, *Ward No* 10 Walkeshwar and Mahalaxmi, *Ward No* 11 Mazgaon and Tarwadi, *Ward No* 12 1st Nagpada, 2nd Nagpada and Kamatipura, *Ward No* 13 Byculla, *Ward No* 14 Parel, *Ward No* 15 Sewri and Naigaum, *Ward No* 16 Matunga and Sion, *Ward No* 17 Dadar and Mahim, *Ward No* 18 Parbadevi and Worli, and *Ward No* 19 Chinchpokli and Lovegrove

The newly merged areas have been constituted into five major Wards —H K L M and N —and seven electoral wards These are Bandra East and Bandra West (H), Andheri Parle North and Andheri Parle South including Madh, Versova, Oshivra, Majas and Juhu (K), Kurla, including Sahar, Parajapur, Vyaravli, Kondivta, Mulgaon, Bapnala, Marol, Chakala, Brahmanwada, Mohili, Chandivli, Saki, Asalpe and Tungwe (L), Chembur, Anik, Mahul, Trombay, Borla, Deonar, Mankhurd, Vadnavli, Maravli, Nanale, Mandale, Mahbudruk (M), Ghatkopar, Bhandup, Kanjur, Hariali, Pasjoli, Powai, Kopri, Tirandaz, Vikhroli (N)

The Corporation before the merger had 117 members elected from the 19 Wards Now with 18 more members elected from the newly merged areas, the Greater Bombay Municipal Corporation has a total of 135 members

Before the inauguration of Greater Bombay, the City had a yearly revenue of Rs 6 crores, but now it is nearly 8 crores From the B E S T Undertaking which is now run by the Municipality, Greater Bombay receives a revenue of over Rs 7 crores.

What was left of the old Bombay Suburban District, after the merger of a part of it with Bombay City, has now been absorbed by Thana District Strictly speaking, Bombay now has no suburbs, though for all practical purposes the populated areas beyond Greater Bombay's northern boundary may well be regarded as its 'new suburbs'' These include, Goregaon, Malad, Kandivlee, Borivli, the villages of Manori, Gorai, and Uttan in Dharavi Island, Dahisar and Bhayandar, on the fringe of Bassein Creek, served by the Western Railway, and Mulund and Thana served by the Central Railway

In the process of amalgamation with Bombay City, the old Municipal Boroughs of Bandra (established in 1876), Kurla (estb 1877), Parle Andheri (estd 1931), Juhu (estd 1921) and the Ghatkopar Kirol (estd 1916) have ceased to exist

AGRICULTURE

In Bombay Island proper though about 8 sq miles of unbuilt and undeveloped land is available there is practically no agriculture Vegetables, flowers and fruit are grown in private gardens and Wadis but on a very negligible scale In the newly merged areas and the adjoining suburbs, however, extensive paddy cultivation is carried on Vegetables and fruit are also grown especially during the monsoon The produce is largely marketed in Bombay

COMMERCE AND INDUSTRY

Commercially and industrially Bombay is the second if not the first City in India It is the principal centre of the cotton textile industry (65 cotton mills with 65,200 looms) Its share in looms and spindles is about 33 and 28 per cent respectively of the total in the country There are 166 textile factories including silk, woollen and hosiery, 395 engineering undertakings, 110 establishments manufacturing articles of food, drink and tobacco, 110 establishments producing chemicals, etc, 50 hides and skins processing concerns, and 150 factories of a miscellaneous character

After Calcutta, Bombay is the biggest financial centre in India The Stock Exchange, Bullion Exchange and Cotton Exchange regulate trading in stocks and shares of a wide circle of industrial undertakings The Reserve Bank of India, the central banking and currency authority, has its headquarters in Bombay and out of 85 scheduled banks in the Indian Union 28 have their head offices in Bombay There are 15 foreign Exchange Banks and out of 222 insurance companies in the country 68 have their head offices in the city

Being the best natural harbour in India, the trade carried through Bombay is more than 30 per cent of the total trade of India The principal items of import are bricks, cement, sand, etc, China clay, coal, cotton, glassware, grain, hardware iron and steel, kerosene, fuel oil, motor cars and lorries, machinery, boilers and railway materials, oilman stores, oils, vegetables, etc, paper piece goods, petrol, sugar, tea, timber, twist and yarn, Government and naval and military stores

The main exports are coal, cotton, flour, groundnuts, hemp hides and skins, kerosene and fuel oils, manganese ore, myrobalans, oil cake, piece goods, seeds spices sugar wool packages, twist and yarn, Government and naval and military stores

The total returns to the Central Government from Greater Bombay in customs revenue are not available, but it is about 40 per cent of the total revenue from the seaborne trade of India The income-tax return to the Central Government from Greater Bombay is 25 per cent of the total income from the country The Corporation Tax amounts to 40 per cent of the total income from this source

COMMUNICATIONS

From the communications point of view Bombay holds a unique position There are numerous air routes connecting Bombay with the rest of the country and it is also directly linked with foreign countries actually The head offices of two chief railway systems, the Central and Western Railways are in Bombay which is rail linked with Calcutta Delhi, Nagpur and Madras It is the second biggest port and the chief sea communications centre of India Greater Bombay's transport requirements are met by the local services of the two railways, Central and Western besides the tram and bus services of the municipalised Bombay Electric Supply and Transport Undertaking

1951 CENSUS

The number of each religious group in Greater Bombay is given below The first figure shows the number of males the second the number of females

Hindus (1,291,004 748,240) Sikhs (8,617 5,367) Jains (47,110 33,000) Buddhists (1,049 448) Zoroastrians (31,924 31,736) Muslims (268,902 143,364) Christians (117,560, 88,639), Jews (9,247, 6,838), Non tribals (846 379)

NON INDIAN NATIONALS

The number of non Indian nationals in Greater Bombay is given below The first figure shows the number of males and the second figure the number of females

Portuguese (7,398 4,361) British (2,624 2,222) Pakistani (1,388 289) Iranian (1,101 525) Nepalese (792 78) Chinese (964 396) American (320 174) Afghan (199 43) Arabian (184 72) African (43 35) Burmese (45 48) German (70 48) Swiss (79 65) Ceylonese (105 30) French (60 40) Danish (88 23) Russian (70 20) Greek (21 18) Swedish (31 15) Israelites (43 32) Italian (33 28) Spanish (31 4) Norwegians (25 11), Australians (32 14) Finn (23 21) Iraqui (34 20)

For the rest the figure is less than 50 for each group

AGE AND LITERACY

A ten per cent sample survey by age group showed the following position The first figure in the brackets shows the number of males and the second the number of females

Number surveyed (171,940, 103,996) Literates (93,651 38,847), Illiterates (78,286 65,149)

Age group 5—9 Literates (5,141 4,445) Illiterates (7,531 8,191)

Age group 10—14 Literates (9,007, 6,747) Illiterates (3,833, 3,976)

Age group 15—24 Literates (27,506 24,400), Illiterates (54,008, 76,571)

Age group 25—34 Literates (40,846 13,707), Illiterates (51,492, 73,857)

Age group 35—44 Literates (14,527 4,250), Illiterates (11,530, 7,249)

Age group 45—54 Literates (7,758, 2,106), Illiterates (5,995, 4,682)

Age group 55—64 Literates (3,170, 1,070) Illiterates (2,098, 2,551)

Age group 65 74 Literates (994 460) Illiterates (467 924)

Age group 75 and over Literates (295, 152) Illiterates (113, 406)

OCCUPATION GROUPS

The main occupation groups in Greater Bombay are as follows The first figure in the brackets shows the number of males and the second figure the number of females

All Industries and Services

Employers (48 933 1,614), Employees (879,268, 71,134), Independent workers (215,248, 21,251)

Fishing

Employers (480, 22), Employees (1 694, 125), Independent workers (2,808 761)

Salt, Saltpetre, Saline substances

Employers (11 0), Employees (988 18) Independent workers (10 2)

Foodstuffs, Textiles Leather

Employers (4 567 1 >4) Employees (2>6,374, 19,o >8) Independent workers (21 900 2,197)

Tobacco

Employers (91 13) Employees (3 1>1, 1,045) Independent workers (1 719 1 119)

Textiles

Employers (711 37) Employees (206 713 16 40>) Independent workers (1 48> 1 >7)

Wearing Apparel

Employers (1 8?2 62) Employees (12 368 314) Independent workers (10 413 887)

Other Textiles

Employers (139 4) Employees (11 733 944), Independent workers (>11 89)

Leather and its products

Employers (336 1) Employees (>11> 178) Independent workers (4 704 76)

Manufacture of Metals and Chemicals

Employers (2 039 38) Employees (7o,>32 1 964) Independent workers (6 049 227)

Manufacture of Iron and Steel

Employers (131 >) Employees (6 66> 132) Independent workers (19> 9)

Transport equipment

Employers (236 7) Employees (22 282 190) Independent workers (660 6)

Electrical Machinery

Employers (17> 0) Employees (4 72> 104) Independent workers (598 18)

Machinery including Engineering

Employers (431 >) Employees (11 919 2>9) Independent workers (1 >34 18)

Medical Preparations

Employers (59 2) Employees (2,014 18>) Independent workers (67 83)

Clay products

Employers (>3, 1) Employees (1 443 437) Independent workers (206 12)

Rubber products

Employers (>0 0), Employees (2,100 91) Independent workers (75 2)

Wood and wood products

Employers (399 10), Employees (16 693 14>) Independent workers (7,266, 303)

Printing and Allied Industries

Employers (609 16) Employees (1>,353 172) Independent workers (653, 15)

Buildings

Employers (747 7) Employees (10,004 1,>59), Independent workers (9 443 296)

Roads Bridges

Employers (6, 0) Employees (356 53), Independent workers (34 0)

Electric Power and Gas Supply

Employers (12, 0), Employees (2,821, 32), Independent workers (209 1)

Sanitary Works

Employers (28 1), Employees (8,854 2,157), Independent workers (471, 100)

Commerce

Employers (28,342 727) Employees (129 336 4,744) Independent workers (91,453 6 979)

Retail trade in foodstuffs

Employers (6 923 239) Employees (20,469 781) Independent workers (33 080 4,595)

Retail trade in fuels

Employers (1 108 31) Employees (8 389 227) Independent workers (1 >1> 11>)

Retail in textile and leather

Employers (3 809 63), Employees (8,643 128) Independent workers (8 79> 1 >8)

Wholesale trade in foodstuffs

Employers (710 49) Employees (1 341 170), Independent workers (1 724 10o)

Real estate

Employers (70 4) Employees (2,0>9 21) Independent workers (270 1>)

Insurance

Employers (163, 4) Employees (>964 148) Independent workers (642 39)

Money lending banking

Employers (1 0>8 2>) Employees (11 907 3>0) Independent workers (>244 164)

Transport storage communications

Employers (1 374 63) Employees (9>,386 2 491) Independent workers (1 >79> 270)

Below we give the totals of some other categories The first figure shows the number of males and the second the number of females

Transport by road (33 982 >92) Transport by water (36 962 601) Transport by air (2 >34 91) Railway transport (24 689 424) Storage and ware housing (2 83> 417) Postal services (>96> 216) Telegraph services (1 783 77) Telephone services (1 6>7 31>) Wireless services (161 3) Health education and public administration (74 389 12 170) Medical and health services (9 407, 1 466) Educational Services and Research (10 316 4 334) Police (11 108 209) Employees of municipalities and local bodies (13 >97 1 281) Employees of State Governments (14 832 1 337) Employees of Union Govt (11 71> >11) Employees of non Indian Governments (172 26) Services not elsewhere specified (226 880 34 177) Domestic services (6>,784 21 011) Barbers and beauty shops (9 836 104) Laundries and laundry services (13 871 444) Hotels restaurants eating houses (16 72> 1 790) Recreation services (13 777 1 270) Legal and business services (14 000 1 143) Arts letters, journalism (3 232, 1 37) Religious, charitable and welfare services (>776 312)

AGE GROUPS

In a 10 per cent sample survey the numbers in the different age groups were as follows

	Males	Females
0	>232	?278
1– 4	10 828	10 688
>– 14	2>,>12	2>,3>9
1>– 2>	41 9>9	23 402
2>– 34	33 422	19 417
3>– 44	26 0?7	11 >04
4>– >4	13 7>3	6 788
>>– 64	>268	3 601
6>– 74	1 461	1 384
7>and over	1?8	>>8

Total number of households 568 862

22 69> households were examined in a sample survey The number of persons living in them was 107 282 66 >30 males and 40,752 were females

Out of these households the number of small households (3 members and less) was 9 110 and the number of persons living in them was 18 >18 of medium households (4 to 6 members) 8 238 and the number of persons >9 699 of large households (7 to 9 members) 3 6>6, and the number of persons 28 4>4 of very large households (10 and above) 1,691, and the number of persons 20,611

GOVERNMENT OF BOMBAY

Governor

GIRJA SHANKAR BAJPAI

Personal Staff

Secretary and Comptroller of the Household Major J P Dalvi

A D C Capt J M Sondkar

A D C Capt S R Das

Hony Surgeon Dr S B Cooper

Honorary Physician Dr R J Vakil

Hony Aides de camp D G Moore, R S Modi

Cabinet

Chief Minister in Charge of Political and Services and Home Morarji R Desai

Minister for Revenue and Agriculture B S Hiray

Minister for Education, Law and Management of Government Mill Colony at Aarey Dinkarrao N Desai

Minister for Finance, Prohibition and Industries Dr Jivraj N Mehta

Minister for Local Self-Government and Co operation M P Patil

Minister for Public Works Department M M Naik Nimbalkar

Minister for Rehabilitation, Fisheries and Backward Classes G D Tapase

Minister for Labour and Public Health Shantilal H Shah

Minister for Civil Supplies and Forests and Minister in Charge of the Office of the Controller of Accommodation and Community Development Projects Y B Chavan

Deputy Ministers

Deputy Minister for Education Shrimati Indumati Chimanlal

Deputy Minister for Public Works Department and the Subjects State Transport Corporation and Motor Transport Organisation of Home Department Babubhai J Patel

Deputy Minister for Backward Classes D N Wandrekar

Deputy Minister for Agriculture and Forests K F Patil

Deputy Minister for Public Health B D Jatti

Deputy Minister for Local Self Government and Co operation B D Deshmukh

Deputy Minister for Prohibition Dr T R Naravane

Deputy Minister for Revenue Mustafa Baki

Deputy Minister for Civil Supplies V K Sathe

Hon Parliamentary Secretary to the Chief Minister Shrimati Nirmala Raje Bhonsle

Secretariat

POLITICAL AND SERVICES DEPARTMENT

Chief Secretary M D Bhansali, I C S

Joint Secretary and Additional Development Commissioner S P Mohite, I A S

Deputy Secretary and Chief Electoral Officer N S Pardasani, I A S

Assistant Secretaries D R Pinge, J P and G Z Vanjara, B A (Hons)

REVENUE DEPARTMENT

Secretary D S Bakhle, I C S
Deputy Secretary G R Reddi, I A S
Deputy Secretary (Inspection) L G Rajwade, I C S
Deputy Secretary (Accommodation) M G Pimputkar, I C S
Under Secretaries M E Gangat, D G Hosangadi
Assistant Secretaries B T Nayak, P N Ambegaonkar, S G Sawant, L A Dhamangi

AGRICULTURE AND FORESTS DEPARTMENTS

Secretary V Isvaran, I C S
Under Secretary S K Bedekar
Addl Under Secretary S G Walavalkar
Assistant Secretaries P R Joglekar, V V Masurekar W P Saldanha

SEPARATE DEPARTMENT

Resident Under Secretary J C Agarwal I A S
Assistant Secretary G Z Vanjara

DEVELOPMENT DEPARTMENT

Secretary I D Kapadia I C S
Under Secretary I C Agarwal, I A S
Assistant Secretaries B P Umarji, I B Patel, B B Bramhabhatt, V N Pimenta

HOME DEPARTMENT

Secretary D S Joshi I C S
Dy Secretary J I Salvi I A S
Under Secretary P Furtado
Assistant Secretaries G R Dondé K R Rajadhyaksha J R Cabral

FINANCE DEPARTMENT

Secretary V T Deheja, I C S
Deputy Secretaries Y M Joshi, I C S D F Mahajan, I K Thakore V I Gidwani I C S
Under Secretaries V D Gangal R C Rele, M Misbah
Assistant Secretaries George Henry, M K Achan J M Rane, N B Jangle R H Mehta
Insurance Officer G S Diwan

PUBLIC WORKS DEPARTMENT

Secretary N K Dravid, B A, B Sc (Econ) (Lond) Bar at Law, I C S, J P
Chief Engineer (Irrigation) M I Champhekar, M C E, I S E
Chief Engineer (Roads and Buildings) U N Mahide, B E, M I E, I S E
Deputy Secretary (Irrigation and Electricity) P R Joshi, B E
Deputy Secretary B R Choksi, B E, B S I (J)
Addl Deputy Secretary A D Telang, B A, B I, B S E (J)
Under Secretary, V H Kelkar, B E
Assistant Secretaries B R Joglekar S G Jadhav, S A Joshi P R Vaz

LOCAL SELF-GOVT AND PUBLIC HEALTH DEPARTMENTS

Secretary B A Bambawale, I C S
Deputy Secretary G B Deshmukh
Assistant Secretaries D V Mahant S N Namjoshi

LEGAL DEPARTMENT

Secretary to Government and Remembrancer of Legal Affairs P M Lad, I C S
Additional Secretary J R Dhurandhar
Charity Commissioner D R Pradhan I C S
Deputy Secretaries R I Katarki S I Chaudhari, A S Sarela, B P Dalal
Solicitor to Government R W Nigudkar
Solicitor (Mofussil Litigation) S R Kajrekar
Assistant Secretaries E P Bhamgara K J Pathare, Shrimati S R Potnis, D W Deshmukh, S W Dhurandhar
Officer on Special Duty S B Palekar

EDUCATION DEPARTMENT

Secretary A L Dias, I C S
Deputy Secretary A S Naik, I C S
Under-Secretary Dr B B Samant
Asstt Secretaries S H Varia Y D Vaeel

CIVIL SUPPLIES DEPARTMENT

Secretary G V Bedekar, I C S
Joint Secretary and Director of Civil Supplies R N Samarth
Director of Civil Supplies (Fuel) and State Coal Controller J A Singh

Deputy Secretary and Secretary, Board of Transport A H B Tyabji
Deputy Director of Civil Supplies (Districts) S N Sapre
Additional Deputy Directors of Civil Supplies (Districts) K C Shah, M A Shukh
Statistician to Government B S Sheshgiri
Assistant State Coal Controller I Velloz
Assistant Directors of Civil Supplies K R Arolkar, C K Patel
Establishment Officer S G Kaidate
Assistant Establishment Officer I C Padhye
Assistant Director of Civil Supplies (Charcoal and Firewood) R D Tendulkar
Special Officer D C Gurjar
Assistant Statistician S P Agashe
Milk Commissioner D N Khurody
Food Controller M P Salvi
Controller of Rationing B A Koreishi

REHABILITATION DEPARTMENT

Secretary B D Muchandani I C S
Assistant Secretary J C Fernandez B A B Sc

Office of the Administrator, Ulhasnagar Township

Administrator M K Jadhav I A (Hons) I A S
Personal Assistant to the Administrator K K Shrotriya, B A

Office of the Competent Officer Bombay

Competent Officer D P Godbole M A LL M
Sales Officer M A Pradhan B Sc LL B

Office of the Competent Officer Ahmedabad

Competent Officer H S Tadvi B A (Hons) LL B

Office of the Competent Officer Surat

Competent Officer J H Mehta B A LL B

Office of the Administrative Officer Vocational Training Centre Ulhasnagar

Administrative Officer R V Pandit I Sc B Sc (Engineering) A M I E (India)

Office of the Administrator Sardarnagar

Administrator J R Manepatil M A (Bom)

Office of the Chairman of the Executive Committee for the Welfare of the Displaced Women

Chairman Shrimati A John Mathai
Secretary Kumari Gopi Chainani B A M Sc (Bom)
Officer in charge Nari Seva Sadan Ulhasnagar Kumari Sita Jagumal B A (Cal) Graduate Trained (Edin)

Office of the Assistant Registrar Rehabilitation Production Centres Bombay

Assistant Registrar, Rehabilitation Production Centres, Bombay V G Angne U D C A

Office of the Officer in Charge Gandhinagar Colony

Officer in charge Gandhinagar Colony M B Jaisinghani B A

Office of the Officer in Charge, Pimpri Colony

Officer in charge, Pimpri Colony H D Jadhav

Office of the Rehabilitation Mamlatdar Bombay Suburban District

Rehabilitation Mamlatdar, Bombay Suburban District B P Deshmukh

Office of the Custodian of Evacuee Property, Bombay

Custodian of Evacuee Property R S Trivedi B Sc I C S
Inspecting Deputy Custodian of Evacuee Property N F Canteenwalla
Accounts Officer V B Phuppe B Sc
Assistant Custodian of Evacuee Property I L Bhatiani B A, LL B

Office of the Deputy Custodian of Evacuee Property

Deputy Custodian of Evacuee Property P S Benjamin B A, LL B, I A S
Assistant Custodians of Evacuee Property N M Shah B A LL B, N N Khemani B A, LL B I J Bhatt B A LL B, K B Sipahimalani, B Sc, LL B, S V Kalelkar, M Sc, LL B, B K Motiwala, M A

POSTMASTER GENERAL'S OFFICE (CENTRAL)

Postmaster General Bombay R V Marathe
Directors of Telegraphs K N R Pillai, N V Shenoy
Directors of Postal Services, Bombay V D Dalvi, P K Mukerjee
Director of Postal Services, Savings Bank, Bombay G N Rebello
Dy Director of Telegraphs M C D'Souza
Personal Assistant, Traffic, Postmaster General's Office, Bombay U B Kaval
Asstt Postmasters General, Bombay K Shankar Rao, R B Pandit, M S Bhadkamkar
Asstt Directors Postal Services, Bombay P P Dave, R N Parvati, G S Barve
Regional Complaints Officer D N Advani
Office Superintendent, Postmaster General's Office Bombay D V Pradhan

BOMBAY G P O

Presidency Postmaster Bombay I N Parikh
Dy Presidency Postmaster Bombay J S Shah
Postmaster Kalbadevi K N Doriswamy Iyer
Asst Presidency Postmaster (I) (Offg) K I Sayad
Sub Postmaster Mandvi G M Behere

OFFICE OF THE DIRECTOR, FOREIGN POST BOMBAY

Director Foreign Posts P K Mukerji
Dy Director, Foreign Posts D K Kulkarni

TELEGRAPH TRAFFIC

Chief Superintendent C T O Bombay V O Anuraham
Senior Assistant Superintendent, Bombay C T O A W Chinnery
Asstt Supdts Bombay C T O M K Desai E D Souza, V K Kalkar M R Gulwadi, J I Atzenwiler, M C Smith, P K Sundaram J M Mendonca
Superintendent Ahmedabad G T O A G Savur
Supdt, Belgaum G T O G Alva
Supdt Poona G P O A Sequeira
Supdt, Rajkot G T O C H Vaishnav
Telegraph Master, i c, Bhavnagar G P O M R Vasunia
Telegraph Master, i c, Surat G P O V B Chumbalkar

TELEGRAPH ENGINEERING

Divisional Engineer Telegraphs Bombay I B Mahajan
Divisional Engineer Telegraphs Poona S K Dhandapharle
Divisional Engineer Telegraphs Ahmedabad K Muttuswami
Divisional Engineer Telegraphs Rajkot H G Pires
Deputy D E T Poona B C D'Silva
Deputy D E T, Bombay S Subramaniam
Fault Controller Bombay A V Sambashivam
Asstt Engineer Phones Poona A Mahadevan
Sub Divisional Officer Phones Surat M David
Asstt Elect Engineer Bhusaval K C George
Asstt Elect Engineer (I) Bombay N S Narasimhan
Asstt Elect Engineer (II) Bombay P M Sarkaram
S D O I, Bombay P K S Raja
S D O I Ahmedabad I Subramaniam
S D O P, Surat K D Sharma
S D O T, Belgaum G K Prabhu
S D O T Poona B G D'Silva
S D O T Manmad T Ramachari
S D O T Rajot B L Sundra Rau
S D O T, Dhulia G B Tujam
S D O, Phones Poona I N Rajagopalan
S D O Phones Latur K S Kathirvadji Diwanji
S D O Phones Ahmednagar Madhavan Nair
S D O Phones Bharangaon K R Karnik
S D O Phones Rajkot Koshy Cooig
Asstt Elect Engineer Sholapur M D Dima
Asstt Engineer Phones (Carrier) Bombay I C Kulathu
Asstt Engineer Telegraphs (Construction) Rajkot D Ramrathnam
Asstt Engineer Cables, Bombay I A J Fernandes
Directors of Telegraphs Bombay N V Shenoy K N R Pillai
Personal Asstt Engineering I M G s Office Bombay B A Laxminarayan
Personal Asstt, Engineering (Development), P M G's Office, Bombay I V Ramaswamy
Asstt Engineer Wireless Bombay Radio H S Kanthariya
Asstt Engineer Wireless Bombay (Monitoring) B V Hosingdi
Regional Engineer, Maintenance Bombay H J Muchandani

SUPERINTENDENTS OF P O s AND R M S

City Supdt, West (Bombay G P O) V N Manjeshwar
Supdt Nasik Division (Offg) B C Shah
Senior Supdt Baroda Division N B Kalnaskar
Supdt, Dhanbad Division (Offg) S L Madhur
Supdt, Rajpot Division Rama Chandra Murthy
Supdt, R M S B Dn Poona (Offg) R K Saraf
Supdt, Satara Dn K B Damle
City Supdt, East Dn (Bombay G P O) V M Gogate
Supdt, Ahmednagar Dn K C Dave
Supdt, Kandan Dn (Offg) M R Shirali
Supdt, Bengaum Dn (Off) D G Shinde
Supdt, R M S B Dn, Baroda V N Card
Senior Supdt, R M S Bombay Sorting Dn S B Velankar
Senior Supdt, Poona Dn I D Subramaniam
Senior Supdt, Ahmedabad Dn S M Ghosh
Supdt, Surat Dn (Offg) M D Shah
Supdt, Khandesh Dn (Offg) A B Trivedi
Supdt, Bhavnagar Dn (Offg) D V Antani
Supdt, Sholapur Dn D D Pasarnikar
Supdt, Junagadh Dn G S Rathod
Supdt, Bombay City Central Division D K Kamat

INDIAN AUDIT DEPARTMENT (CENTRAL)

CIVIL AUDIT

Accountant General's Office, Queen's Road, Bombay

Accountant-General V N Adavi, BA (Hons), IA & AS
Dy Accountants General P V R Rao, BSc, FIC WA, IA & AS, S S Bende, BA, IA & AS (EC), S A Sharma
Examiner, Outside Audit Deptt T Rajagopalan, BA, IA & AS
Examiner, Local Audit Deptt T N S Ratnam, BA, IA & AS (EC)
Asstt Accountants General A K Rav, MA, IA & AS, S Soundararajan, IA & AS, A R Shirali, BA, IA & AS, M P Singh IA & AS, M Ramaswamy, IA & AA, C Venkataraman, IA & AS
Asstt Accounts Officers S Ramchandran, BA, M G Desai BSc, M G Ganu, T M Nair, BA B D Randeri, BCom, C M Daru, BCom, H V Jog, G M Muzumdar, MA, A L Tellis, K A Telang, S Venguswamy, BA, S Krishnaswami BA, R V Samant, K Malavappan, BA, BL, K Shankara Krishnan, P D Naik R K Shibad, BA, S S Chhugani, S R Nathan, C K B Menon, T S Tauro BA, Srinivasa Rao, BA, H N Ghaisas S C Madon, BA V P Shastry, N S Bhende, N R Pannikar, J S Despande, S F Kenkare, B M Lala, W T Mansukhani
Asstt Examiners, L A D B D Dongre, P R Rao, BA

RAILWAY AUDIT

Chief Auditor's Office, Central Railway, V T, Bombay

Chief Auditor, Central Rly R L Gupta
Deputy Chief Auditor, P N Bose
Asstt Audit Officers, Central Rly, C A D Souza, R Rangachari, Y D Malik P N Jerath

Chief Auditor's Office Western Railway, Churchgate, Bombay

Chief Auditor, Bombay R Srinivasamurti
Dy Chief Auditor, Bombay, G V Chittal
Asstt Chief Auditor, Bombay, R Ganapati
Asstt Audit Officers Bombay, M S Bhatnagar Sahg Ram
Asstt Audit Officer, Ajmer, M D Subramanian
Asstt Audit Officers Bhavnagar, S Venkateswaran, G P Sharma
Asstt Audit Officer, Gandhidham, Kandla, Y N Ganju

CENTRAL EXCISE

Post Box No 806, *Bombay No* 1

Collector of Central Excise Bombay J W Orr, MA ICS, JP
Deputy Collector, Central Excise, Bombay N I Mehta, BSc (Hons)
Headquarters Assistant to the Collector of Central Excise, Bombay W M Robb
Dy Headquarters Assistant to the Collector of Central Excise, Bombay A G Desai, BA
Chief Accounts Officer Central Excise, Bombay R S Sarma, MA
Dy Superintendent of Lighthouses, Bombay S J Israel
Asstt Collector, Central Excise, Bombay Henry Jones
Superintendents of Central Excise (Textile), Bombay S A S Bukhari, B K Doshi, P W Kharkare
Superintendent of Central Excise Bombay (East) J J Newlands
Superintendent of Central Excise, Bombay (West) H R Gomes
Superintendent, Investigation, Central Excise, Bombay M S Mehta, MA, LLB
Superintendent, Central Excise (Preventive Intelligence), Bombay A G Dudani, MA

BOMBAY CUSTOMS DEPARTMENT (CENTRAL)

New Custom House, Ballard Road, Bombay

Collector of Customs A N Sattanathan, MA.
Dy Collector of Customs Jasjit Singh, MA
Asstt Collectors of Customs M Ramchandran, MA, G S Vaswani, BSc, M Panchappa, MA, Nanak Singh Banwant, R K Habbu, MA, R C Misra, MA, LLB, M R Ramchandran, MA, A J B Jobo, MA (Cantab) (*Offg*), K R Seshu Ayyar, BA, M B Chandiramani, BSc (*Offg*), S K Srivastava, MA
Prob Asstt Collector D N Lal
Chemical Examiner H D Suri MSc, FAIC
Asstt Chemical Examiner. D B Pandya, MSc
Chief Accounts Officer V D Patekar, BA
Chief Inspector (Preventive) P F Cowton

APPRAISING DEPARTMENT

Principal Appraisers M M Desai, Y A Patel (*Offg*), P V Phanse (*Offg*), V R Gupte, BA (*Offg*); P S Patankar (*Offg*), S Fatherpekar (*Offg*) L F Rosario (*Offg*), J N Joshi (*Offg*), A N Vadhavkar (*Offg*), B K Baani (*Offg*), M S Kharkar (*Offg*), R C Shelat (*Offg*), S B Palekar (*Offg*), A M E Joshi, BA (*Offg*)

Appraisers I R Sampson (*on deputation*), G R Mankikar (*on deputation*) N P Commissariat, J C Billimoria, S G Vadavkar (*on deputation*), J B Treasurywalla, P P Sarvate, A M. Captain (*on deputation*), J M Dalal, P D Souza, K S Rao, R S Kodical (*on deputation*), V G Pradhan; R Hurry (*Offg*), M F Kanga (*Offg*), W F Fernandez, A A Bashey; M R Kher, I J Samuel (*Offg*), R U Parmar (*Offg*), R S Vaidya (*Offg*), M M Poonwani (*on deputation*), N N Parekh (*Offg*), A G Pinto (*Offg*), D N Khote (*Offg*); M M Razdan (*Offg*), N H Saifi (*Offg*), V C Vora (*on deputation*), B Mani, D S Gore (*Offg*), A J D'Cunha (*Offg*), I Fonseca (*on deputation*), J C Saha, P R Jog, H H Allen, L K Tate (*Offg*) J P Pradhan (*Offg*), V A Phadkar (*Offg*), B N Samtani (*Offg*), B V Pradhan (*Offg*), Y A Medhekar (*Offg*), S K Kalgutkar (*Offg*), Balwantsing M Sardar (*Offg*), D V Sohoni (*Offg*), D G Mugwe (*Offg*), M Cutinho (*Offg*), A N Kanga (*Offg*), M Ramswarup (*Offg*), M D Raja (*Offg*), G T Mirchandani (*Offg*), K G Krishnan, N L Gajakos (*Offg*), V A Phadkar (*Offg*), B L Muzumdar (*Offg*), M N Advani, G V Sohoni (*Offg*), G R Desai (*Offg*), M N M Syed, C D Rangachari (*Offg*), K U Thadani, V R Mullick (*Offg*), Krishna Rikhye (*Offg*) S B Patil (*Offg*) G J Makhijan (*Offg*), H J Chandiramani (*Offg*), M Tikamdas (*Offg*), E E Moses (*Offg*), V D Gupte (*Offg*) M A B Chugtai (*Offg*), F J D Lima (*Offg*), G S Tipnis (*Offg*), S K Mangaoker (*Offg*), F A F Jesudian, L S Rane (*Offg*), V S Raje (*Offg*), B D Dalas (*Offg*), W W Joshi (*Offg*), R Mahadevan (*Offg*), S G Rege (*Offg*), B S Kokabi (*Offg*)

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Inspecting Assistant Commissioner of Income-tax (Central), Bombay H R Agnihotri, B A
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In Authorised Representative N Y Lambhate

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(See *Baroda Dt*)

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First Additional I T O Kolhapur G I Redkar B A L L B
Second Additional Income tax Officer, Kolhapur U N N Rao, M Sc

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Fort, Bombay No 1

Chief Justice

M C Chagla, Mr Justice

Puisne Judges

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G S Rajadhyaksha Mr Justice
R S Bavdekar Mr Justice
P B Gajendragadkar, Mr Justice
Y V Dixit Mr Justice
S R Tendolkar Mr Justice
H K Chainani Mr Justice
J C Shah Mr Justice
D V Vyas Mr Justice
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2nd Assistant Master, I S Vadigar B Com, L L B
3rd Assistant Master, I S Iyswaran
Associates S R Jani Barrister at Law V C Garde, J B Entv, N R D Romer B A Barrister at Law
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Superintendent Headquarters A V Patab
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A DIVISION

Supdt B H Tampuri
Colaba Police Station Inspector in Charge J D Adkar
Esplanade Police Station Inspector in Charge F J Jameson
Dalton Road Police Station Inspector in Charge J R Tirapurewalla

B DIVISION

Supdt S G Mangalorekar
Princess St Police Station Inspector in Charge V T Bawle
Pydhoni Police Station Inspector in Charge N S Chavankar
Dongri Police Station Inspector-in Charge C G Desai

C DIVISION

Supdt M A Todd
Gamdevi Police Station Inspector in Charge C A Pinto
Lamington Rd Police Station Inspector in Charge W D Souza
Maharbaun Police Station Inspector in Charge M I Bowson

D DIVISION

Supdt D I Daly
Agripada Police Station, Inspector in Charge S A Powar
Nagpada Police Station Inspector in Charge R S C Jorge
Byculla Police Station, Inspector in Charge I A M I Aga

E DIVISION

Supdt D Y Gupte
Kalachowki Police Station Inspector in Charge M R Pradhan
Bhoiwada Police Station, Inspector in Charge D A Koregaonkar
Kingsway Police Station Inspector in Charge S K Rane

F DIVISION

Supdt S B Ionsekar
DeLisle Road Police Station, Inspector in Charge B P Bhavnikar
Dadar Police Station Inspector in Charge D D Raje
Mahim Police Station Inspector in Charge A G Athavle

G DIVISION

Supdt D Y Samant
Bandra Police Station Inspector in Charge G S Dhown
Santa Cruz Police Station Inspector in Charge N R Shewde
Andheri Police Station Inspector in Charge I I Saldhana
Kurla Police Station Inspector in Charge V M Mullik
Ghatkopar Police Station Inspector in Charge J G Tawade

H & I DIVISIONS

Supdt I I Beck
Yellow Gate Police Station Inspector in Charge C W Ambike
Sanitary Department, Inspector in Charge R B Pardiwalla
Sewri Police Station, Inspector in Charge R R Sarang

Prohibition Department

Supdts V Sami A W Newlands
Intelligence Section Inspector in Charge C A W Ballantine
S & D P Section Inspector in Charge M I Patel
Rly Preventive Section Inspector in Charge L C Scott
Central Prev Section Inspector in Charge D S Contractor
Northern Prev Section Inspector in Charge P J Inamdar

Criminal Investigation Department (Crime Branch I)

Supdt N P Purnaye
D C B, Inspectors in Charge M G Korde, H A Khan
General Branch, Inspectors in Charge M D Imamroze V B Bhagwat
P C B, Inspector in Charge C S Swaminarayanan
Vigilance Branch Inspector in Charge S H J Kanga
Pathan Branch Inspector in Charge S B Dastoor

ANTI CORRUPTION BRANCH

Inspectors in Charge D Y Jonklass, S N Sawant

Crime Investigation Department (Crime Branch II)

Supdt S M Sawant
Inspectors in Charge J C Roach (Textile), M A K Hakim (Food)

SPECIAL BRANCH (I)

Supdts M T Sitam D S Honawar
Inspectors in Charge L V Akut, P A Sandagar S S Shete P M Date H R Bagwe L V Sawant A S Dhamankar, P M Nadkarni, B S Kunsawlkar, H S M Ghale

SPECIAL BRANCH (II)

Supdt M A Bhatji
Inspectors in Charge L G Durwe, A R Wagle G K Joglekar

I A DIVISION (I)

Supdt H C Moore
Inspectors in Charge G R Anjarlekar, G D Mellow

I A DIVISION (II)

Supdt M Solomon
Inspector in Charge G B Sawant

I A DIVISION (III)

Supdt M Solomon
Inspector in Charge G P Patkar

M T SECTION

Supdt U S Amin
Inspector in Charge, Wireless Section C Correa
Cattle Pound, Sub Inspector in Charge F G Merchant
Traffic Department, Inspector J T F Guir
Arms and Ammunition Department, Inspector G B Koparkar
P L C L Dept Inspector K R Vasawda
Coroner's Court, Sub-Inspector J T Karlekar
Chief Police Prosecutor M G Vyavaharkar
Prosecutors S M Dhurandhar, R K Khare, J I A Pinto, R H Dole, M B Anklesaria, G K Sohoni, D C Munsif, K R Vaidya, V D Mehta, S B Wagal Gobindram Mukhand, K L Aghaskar, B V Gupte, E S Mehta, I B Desai, A G Gulanikar, V V Jhambekar, B V Karmarkar A L D'Souza, A L Samant, H R Sani, J H Irani, I V Rajadhyaksha, V P Mathrani, V S Thakore, K S V Navalkar N H Jhabvala, S G Rane, K V Bodas, V R Dewanjee, G A Thakur

BOMBAY PROHIBITION AND EXCISE DEPARTMENT

Old Custom House Ballard Estate Bombay

Director of Excise and Prohibition, Bombay Jasjit Singh, M A. (Cantab)
Personal Assistant to the Director of Excise and Prohibition Bombay W C Hearn B A (Hons)
Officer on Special Duty and Secretary, Bombay State Prohibition Board, Bombay N N Mehta, B A
Superintendent of Prohibition and Excise Bombay I A Samson B A
Chief Accounts Officer of Prohibition and Excise, Bombay G S Nadkarni

AGRICULTURAL DEPARTMENT

Officers Stationed at Poona

Director of Agriculture, B S, Poona, Dr I G Shirname, B Ag, Ph D (Wales) F S S (Lond)
Joint Director of Agriculture (Engineering), B S, Poona D A Gadkary, B E, A M Inst C E (London)
Personal Assistant to the Director of Agriculture, Poona A P Mulay
Technical Assistant to the Joint Director of Agriculture (Engineering), Poona P G Panse, B E
Accounts Officer to the Director of Agriculture, Poona, P B Gupte, B Com
Deputy Director of Agriculture (Research and Education), Poona, Vacant
Deputy Director of Agriculture (Manures, Fertilisers and Rural Development), Poona, A K B Qazi, B Ag (Bom), B Sc (Edin), N D D (Scot), D I C (Lond)
Soil Conservation Officer, B S, Poona Vacant
Mechanical Cultivation Engineer to Government, B S, Poona, R S Bastur, B E (Mech)
Agricultural Engineer to Government, B S, Poona, P J Patel, B Ag (Bombay), M Sc (Iowa)
Principal, College of Agriculture, Poona, and Economic Botanist to Government B S, Poona, L S S Kumar, M Sc (London), A R C S
Offg Economic Botanist to Government, S G Kelkar B Ag
Plant Pathologist to Government, B S, Poona, Dr M K Patel, M Sc, Ph D (Iowa)
Horticulturist to Government, B S, Poona, Dr R L Nagpal, B Sc (Agri), Ph D
Agricultural Chemist to Government, B S, Poona, Dr N Narayana, M Sc, Ph D
Agricultural Entomologist to Government, B S, Poona, Dr G A Patel, B Ag, Ph D
Professor of Agronomy, College of Agriculture, Poona, Dr H R Arkeri, B Sc (Agri), M S (Minnesota), Ph D (Minnesota)
Professor of Agricultural Economics, College of Agriculture, Poona, P N Driver M A
Professor of Agricultural Engineering, Physics and Mathematics, College of Agriculture, Poona, A A Memon, B Ag, M S (Illinois)
Assistant Professor of Agricultural Engineering, Physics, and Mathematics College of Agriculture, Poona, M V Patke, B Sc
Assistant Professor of Botany, College of Agriculture, Poona, J S Maklu B Ag
Assistant Professor of Mycology, College of Agriculture, Poona, Dr V P Bhide B Sc (Agri), Ph D (Bom), Ph D (Iowa)
Assistant Professor of Agronomy, College of Agriculture, Poona, D M Kulkarni, B Ag
Professor of Animal Husbandry and Dairying and Manager, Agricultural College Dairy Farm, Poona, B G Oka, B Ag
Assistant Professor of Chemistry, College of Agriculture, Poona, Dr H G Pandya, Ph D (Bombay)
Assistant Professor of Plant Physiology, College of Agriculture, Poona, U K Kanitkar, B A (Hons), M Sc
Professor of Veterinary Science, College of Agriculture, Poona, Dr D K Desai
Deputy Director of Agriculture (Crop Research), Poona, V M Chavan, B Ag
Soil Physicist to Government, B S, Poona, Dr J K Basu, M Sc (Calcutta), Ph D (London)
Statistical Officer under the Deputy Director of Agriculture (Crop Research), Poona, P S Pandya, B Ag, M S (Texas)
Assistant Horticulturist to Government, B S, Poona, P K Gupta, M Sc (Agri)
Statistician, Department of Agriculture, Poona, R S Koshal, M Sc
Statistical Survey Officer, Poona, V G Sharma, M Sc
Compost Development Officer, Poona, S S Shirke, B Sc
Crop Protection Officer, Scheme for the Organisation of Crop Protection Service in Bombay State, Poona, G M Talgeri, M Sc (Agri)
District Agricultural Officer, Poona, K G Kolpatkar, B Ag
Divisional Soil Conservation Officer, Central Division, Poona, M K Shirole, B Ag
Technical Assistant to the Soil Conservation Officer, Poona, R V Satpute D C F
Assistant Agricultural Engineer, Lift Irrigation Scheme, Poona, N S Soman, B E
Assistant Agricultural Engineer, Expansion Scheme Headquarters, Poona, N C Shah B Sc (Eng)
Boring Engineer Poona P P Thakur, I M E
Assistant Mechanical Cultivation Engineer to Govt, Central Division, Poona, R S Tamhane, L M E
Sub Divisional Soil Conservation Officer, Poona, S K Biradar, B Sc (Agri)

District Staff Officers

Principal College of Agriculture, Dharwar, Dr S W Mensinkal, B Sc, Ph D (Lond)
Professor of Animal Husbandry and Dairying, College of Agriculture, Dharwar Dr S K Goni, B Sc (Agri), M S (Minnesota), Ph D (Minnesota)
Professor of Agronomy, College of Agriculture, Dharwar, Dr B A Chaugule B Sc (Agri) (Hons), M S (California), Ph D (California)
Professor of Agricultural Entomology, College of Agriculture, Dharwar, H L Kulkarni, M Sc (Agri)
Professor of Plant Pathology, College of Agriculture, Dharwar, Dr R S Deshpande, M Sc Ph D (London)
Professor of Horticulture College of Agriculture, Dharwar, S D Kololgi B Sc (Agri), M S
Professor of Veterinary Science, College of Agriculture, Dharwar, K L Shiggaon, G B V C
Professor of Agricultural Engineering, College of Agriculture, Dharwar, R F Patil, B E
Professor of Agricultural Economics, College of Agriculture, Dharwar, Dr N P Patil
Cotton Botanist, B S, Surat, Dr N R Bhat, B Ag, Ph D (Cantab)
Cotton Development Officer, Surat, D S Sheth, B Sc, M S (Ohio)
Agronomist, Soil Physicist's Section, Sholapur, L Shrinivas, B Sc (Agri)
Soil Chemist, Soil Physicist's Section, Sholapur, V G Pagare, B Ag
Assistant Plant Pathologist, Wheat Rust Scheme, Mahableshwar, V P Gokhale, B Ag
Plant Breeder and Officer in-Charge, Crop Breeding Station, Bijapur, G P Argikar, B Ag
Plant Breeder and Officer in-Charge, Cereal Breeding Station, Niphad, Dr G K Govandi, M Sc, Ph D
Plant Breeder and Officer in Charge, Rice Breeding Station, Dharwar, B B Choudhari, B Sc (Agri)
Plant Breeder and Officer in-Charge, Rice Breeding Station, Karjat, N Gopalakrishna, B Sc (Agri), M S (California)
Biochemist in charge, Biochemical Section of the Scheme for research and extension work on rice in Bombay State, Karjat, Dr M M Kibe, M A, B Sc, Ph D
Sugarcane Specialist, Sugarcane Research Scheme, Padegaon, S S Sirur, M Ag
Soil Survey Officer, Sugarcane Development Scheme, Padegaon, S K Patil, B Sc
Crop Protection Officer, Sugarcane Development Scheme, Ahmednagar, S A Raja Rao, M Sc
Entomological Officer-in-Charge, Combined Scheme for controlling Trichogramma and other pests of Sugarcane, Walchandnagar, S. R Bagal, M Sc

Superintendents of Agricultural Schools, S M Patel, B Ag (*Baroda*), D K Desai, B Sc (Agri) (Hons) (*Dohad*), Vacant (*Kosbad*), Dr V M Patil, B Sc (Agri), M S, Ph D (Indiana) (*Dhulia*), D H Gokhale, M Ag, B Sc (*Manjri*), G R Yadav, B Ag (*Sholapur*), K V Samsi, B Ag (*Borgaon*), S G Patil, B Ag (*Kolhapur*), G B Badami, B Ag (*Bagalkot*), P G Bidari, B Ag (*Arbhavi*), K A Jalihal, B Sc (Agri) (Hons) (*Devihosur*)

District Agricultural Officers, B K Mehta, B Ag, M Sc (*Banaskantha Palanpur*), K S Patel, B Ag (*Sabarkantha, Himmatnagar*), J V Oza, B Ag (*Mehsana*), N P Gohel, B Ag (*Amreli*), G G Nawathe, B Ag (*Ahmedabad*), S S Patel, B Ag (*Kaira, Nadiad*), M K Desai, B Ag (*Baroda*) B D Patel, B Ag (*Panchmahals, Godhra*), P C Mehta, B Ag (*Broach*), A F Patel B Ag (*Surat*) D M Kulkarni, B Ag (*Dangs, Ahwa*) P S Kulkarni, B Ag (*Thana*) P R Patil, B Ag (*Ahmednagar*), R D Gaitonde, B Ag (*East Khandesh, Jalgaon*), S T Purandare, B Ag (*West Khandesh, Dhulia*), G K Phadtare, B Ag (*Nasik*), P V Wagle, M Ag (*Satara North*), R Y Pawar, B Ag (*Sholapur*), D H Joshi, B Ag (*Kolaba, Alibag*) G V Wazalwar, B Ag (*Ratnagiri*), R S Dubhashi, B Ag (*South Satara Sangli*), S V Naikwadi, B Ag (*Kolhapur*), V H Kulkarni M Ag (*Belgaum*), S R Dharewshwar, B Ag (*Bijapur*), T F Handral B Ag (*Dharwar*), B H Hullatti, B Ag (*North Kanara Karwar*)

Assistant Agricultural Engineer, Lift Irrigation Scheme, Bagalkot, Vacant

Assistant Agricultural Engineer, Lift Irrigation Scheme, Broach, C K Shah, B E

Divisional Soil Conservation Officer, S D, Bijapur, M S V Rama Rao, B E, A M I E

Divisional Soil Conservation Officer, N D, Baroda, Vacant

Sub-Divisional Soil Conservation Officers, D G Kelkar, B Ag, M Sc (*Mehsana*) T G Yavgal, B Sc (Agri) (*Bijapur*), M G Shettar, B Sc, B E (*Bagalkot*), K C Kalkoti, B Sc (Agri) (*Miraj*), V R Kavlur B Sc (Agri) (*Belgaum*) D K Dhekne, D C E (*Dhulia*) E L Zopay B Sc (Agri) (*Pandharpur*) S P Patel, B Sc (Agri) (*Baroda*) B K Shinde, B Sc (Agri) (*Sholapur*), L G Pandit B Sc (Agri) (*Ahmednagar*)

Agricultural Officer in Charge, Indoor Colonisation Scheme, J P Mirikar B Sc (Agri)

Officer on Special Duty Japanese Method of Paddy Cultivation Scheme, Thana H G Patil B Ag

Assistant Mechanical Cultivation Engineer, N D, Baroda, D V Gaikwad

Assistant Mechanical Cultivation Engineer, S D, Dharwar, M N Prabhakar

FOREST DEPARTMENT

Poona

Chief Conservator of Forests, G S Singh, M A, (Oxon), B Sc (Hons) (Punjab), M & H (H S), I R F S

Personal Assistant to the Chief Conservator of Forests, C M Joshi, B Sc (Hons)

Senior Superintendent, Office of the Chief Conservator of Forests, K G Joshi, B A (Hons)

Second Supdt Office of the Chief Conservator of Forests, S B Chandvankar

PUBLIC WORKS DEPARTMENT

Secretariat, Veer Nariman Street, Bombay

OFFICE OF THE SUPERINTENDING ENGINEER

BOMBAY CIRCLE

Superintending Engineer, Bombay Circle, N C Bulsara, B E, B S E (I), M I E (Ind)

Deputy Engineer attached to the Office, J S Gurnani, B E, B S E (II)

Office of the Executive Engineer, Presidency Division

Executive Engineer and Director, D D Chawls, B K Choksi, B E, B S E (I)

Deputy Engineer, South Sub Division, A M Shah, B E, B S E (II)
Deputy Engineer, East Sub Division, P V Shah, B E, B S E (II)
Deputy Engineer, West Sub-Division, J B Kadu, D C E
Deputy Engineer, North Sub Division, V G Patankar, D C E
Deputy Engineer, Post War Buildings Sub-Division, I K Modi, B E, B S E (II)

Deputy Engineer and Manager, D D Chawls, G A Bhave, D C E
Personal Assistant to the Executive Engineer, J M Wadhwani, B E, B S E (II),

Office of the Electrical Engineer to Government, Bombay

Electrical Engineer to Government, P W D, Bombay, S G Nadkarni, B A, B Sc (Bom), M Sc (Eng) (Lond), A C G I, D I C, A M I Mech E, M I E E, M I E (Ind), J P

Executive Engineer, Bombay Electrical Division and Electrical Inspector, Bombay, D B Naik, B E, A M I E

Deputy Engineer & P A to Electrical Engineer, S R Mistry
Deputy Engineer & Assistant Electrical Inspector, Bombay, S P Choudhari, L E E

Deputy Engineer (Lifts), Bombay, F E Madan
Deputy Engineer Bombay City Electrical Sub Divn, B Crasto, L E E
Deputy Engineer Bombay Sub Electrical Sub Divn, Bombay, Y G Penkar, L E E, L M E, A M Am I E E

MEDICAL DEPARTMENT

Contractor Building, Nicol Road, Ballard Estate

Surgeon General with the Government of Bombay, Dr B B Dikshit, M B, D P H, M R C P E, Ph D, F N I

Personal Assistant to the Surgeon General B R Jadhav, B A (Hons)
Additional Personal Assistant to the Surgeon General, P L Burli, B A
Special Leprosy Officer, for the State of Bombay, P Kapoor, M B, B M S
Superintendent of Nursing Services, Kumari M Doctor
Administrative Medical Officer, Employees State Health Insurance Scheme, Dr S K Das, M B D I H (Eng), D P H (Lond), D T M & H (Lond)

OFFICE OF THE DRUGS CONTROLLER FOR THE STATE OF BOMBAY

Manekjee Wadia Building, III Floor, 127, *Mahatma Gandhi Road, Bombay* 1

Drugs Controller for the State of Bombay, B V Patel, B Sc, B Pharm, Ph C

Drugs Inspectors, S C Shah, B Sc, B Sc (Tech), V R Koppikar, B Sc, B Pharm, S R Telang, B Sc, B Sc (Tech) M K Rangnekar, B Sc, B Sc (Tech), B L Naik, B Sc, B Sc (Tech), B M Patel, B Sc, B Sc (Tech)
Head Clerk, R J Desai

CIVIL VETERINARY DEPARTMENT

204, *Wellesley Road, Poona* 2

Director of Veterinary Services, B S, Poona L Sahai, M Sc M R C V S
Deputy Director of Veterinary Services, B S, Poona S V Sakhadeo, G B V C, M Sc

Principal, Bombay Veterinary College, Parel, Bombay, S R Chadha, B Sc (Punjab), M R C V S
Professors, Bombay Veterinary College, Parel Bombay, R M Kalapesi, G B V C, F S Khambata, B Ag (Animal Husb), M Sc, G B V C, S P Deshpande, G B V C A I D R I
Superintendent, Biological Products, B S, Bombay, S N Sapre, M Sc, G B V C
Disease Investigation Officer, B S, Poona, H V Kulkarni, G B V C, A I D R I (Bangalore)
Divisional Vety Officers, B B Mundke, G B V C, D M V (Munich) (*Surat*), L V Rishi, G B V C (*Dhulia*), R G Deshpande, G B V C (*Poona*), R C Khare, G B V C (*Baroda*), V M Kotbagi, G B V C (*Dharwar*) S H Bapat, G B V C (*Satara*), D M Chawan, G B V C (*Kolhapur*)

Deputy Superintendent, Bombay City and Harbour Vety Department and Dist Veterinary Officer, Bombay W V Soman, G B V C
Asstt Disease Investigation Officer (Poultry), B S, Poona, S G Dixit, G B V C

Asstt Disease Investigation Officer (Sheep & Goats), B S, Poona, S L Manjrekar, G B V C, A I D R I (Bangalore)
Asstt Professors Bombay Vety College, Parel, Bombay, B L Purohit, G B V C, S G Kshirsagar, G B V C, K R Alur G B V C, G H. Joshi, G B V C, S J Khambata, G B V C, K Shirsagar, G B V C, S R Hattangady, G M V C, M H Nagamia, G B V C
Parasitologist, Civil Vety Department, Bombay, Dr S R Rao, M Sc, D Sc

Asstt Bacteriologist, Bombay Vety College, Parel, Bombay, D T Parnaik, G B V C
Asstt Pathologist, B V C, Parel, Bombay, W V Chatupale, G B V C
Artificial Insemination Officer, Bombay State, Poona, C R Sane, G B V C

Assistant Superintendent (Virus Vaccine, Bombay), G A Hardikar, G B V C
Office Superintendent of the Office of the Director of Veterinary Services, B S, Poona, H N Patange

INDUSTRIES DEPARTMENT

Old Custom House Yard, Fort, Bombay

Director of Industries, Central Stores Purchase Officer, Statistical Authority and Controller of Buildings, D G Mulhekar
Deputy Director of Industries (Commercial Intelligence and Industrial Statistics), V V Divatia, A M (Columbia)
Deputy Director of Industries, Dr M. R Mandlekar, Ph D (Lond),
Assistant Director of Industries (Engineering), V V Apte, B E (Mech)
Assistant Director of Industries (Weights & Measures), V M Pednekar, L M E

Assistant Director of Industries (Stores Purchase), V J Joshi, B Sc (Eng), M S (Met Eng)
Offg Assistant Director of Industries (Chemical), Bombay, V B Thosar, M Sc (Bom)
Offg Assistant Director of Industries, Baroda, Dr C B Patel, M Sc, M S (U S A), Ph D (L'pool)

Offg Assistant Director of Industries, Nasik, M B Bhate, B Sc (Bom), B Sc (U S A) M Ch E (U S A)
Offg Assistant Director of Industries, Poona N R Kumbhavi, L T C
Accounts Officer Bombay P V Bhavsar, M Com H (I S)
Industrial Statistician, M V Pandit B Sc (London) H (Col)
Textile Expert Bombay D N Savkur, L I M (Hons)
Assistant Geologist Bombay G S Awate, B Sc
Offg Superintendent Government Tanning Institute, Bandra, V G Damle
Offg Leather Expert and Superintendent, Leather Working School, Bandra I B Bharucha
Industries Officer Nasik P H Dalal M Sc
Offg Industries Officer Baroda H N Desai M Sc
Industries Officer (S P), Bombay, N P Satpute, B Sc (Tech), H (Col)
Industries Officer (Ahmedabad) I U Patel B Sc
Offg Industries Officer (Iron & Steel) Bombay, K B Vagholkar, B L
Offg Industries Officer (S P) Bombay C R Punganur, B Sc
Offg Industries Officer, Poona A R Chudir B Sc
Offg Industries Officer (S P) Bombay, M A Gangat B Sc
Industries Officer (General), Bombay, S M Lad M Sc (Tech) (Bom), M S (U S A)
Offg Industries Officer Belgaum, N M Joshi M A
Offg Asstt Gas Inspector (Bombay), P B Pathki M Sc (Tech)
Offg Assistant Industrial Chemist, Baroda, S S Bhange, M Sc

Factory Departments

Bhatia Bal Rakshak Vidyalaya Building Manordas Street, Behind Police Station Opp V T Bombay
Chief Inspector of Factories for Bombay State, Nanikram Gurdasmg Kewalramani B Sc (Eng) Glas, C I E B E (Civil) (Bom), M R San I H (Col)
Senior Inspector of Factories and P A to Chief Inspector of Factories Anantrao Ramchandra Kagal B A B Sc F C S, H (Col) (Bombay)
Senior Inspectors of Factories, N I Gadkari M Sc (Eng) A C G I (Lond) H (Col) C (I S) (*Ahmedabad*) C M Kolhatkar B Sc (Eng) (Banaras Hindu University), H (Col), A M I M E (I S) (*Bombay*) R P Patel B E (Mech & Elec) (*Bombay*) D B Arte B Sc (Bom) B Sc (Elec & Mech), A M I E, M M E A (*Sholapur*), F I R Britto, B E (*Bombay*)
Junior Inspectors of Factories V M Mardhekar B E (Electrical 1st class) (Bom) H (Col) G (I S) (*Kolhapur*) S M Jadawala, B E (Elec & Mech) (*Ahmedabad*), Capt N R Athavale I M I, L I E (V I I I) (*Kolhapur*), P I Shah B Sc (Engg) (Benares) (*Ahmedabad*), M K Patankar B E (Mech & Elec) (Bom) (*Bombay*) C S Joshi B E (Mech & Elec) (Bom) (*Surat*) N J Upadhya B Sc (Engg) (Benares) (*Bombay*) K N Parikh B E (Mech & Elec) (Benares) (*Baroda*) B G Chhaya B Sc (Mech & Elec) (Benares) (*Poona*) H U Godke B Sc (Met) (Bom) M I I M (*Bombay*) M R Amin B E (Mech) (Bom) (*Poona*) H C Keskar B Sc (Eng) (Benares) (Mech & Elec) S G Chawla B Sc (Eng) (Elec & Mech) (Benares), A M I E (India) (*Bombay*), J G H Modi, B E (*Bombay*)
Lady Inspectors of Factories, A Ribeiro M R B S (Bom), B M S Class II (Women's Branch) (*Bombay*), Kumari C I Viswani, M B B S (*Ahmedabad*)
Inspectors of Notified Factories R A Potdar, B Sc (Bom) S O (Tech) (Benares) (*Bombay*), Y V Phite B Sc (Bom) (*Poona*), B L Bokil B Sc (Bom) (*Surat*) D S Dharmasthal, B Sc (Bom) (*Bombay*) C D Goratela, B Sc (Bom) (*Bombay*) M M Mehta B Sc (Bom) (*Bombay*) N P Sarnaik I M E I E E (A J T I) A M I E (India) (*Bombay*) N A Bhobhe B Sc (Bom) (*Bombay*) P D Sohoni B Sc (Bom) (*Baroda*) R G Gore B Sc (Bom) (*Dhulia*) V S Phadke B Sc (Bom) (*Bombay*), R G Rajadhyaksha B Sc (Bom) (*Poona*)
Technical Inspector of Factories, K R Gadgil, I T M (Hons) H (Col), G (I S) (*Bombay*)
Inspectors under Payment of Wages Act and Additional Inspector of Factories, R H Naik I T M H (Col) M (I S) (*Ahmedabad*) S D Bhatt, I T M (Bom) (*Bombay*), V S Mulekar, B A, L L B (*Bombay*)
Certifying Surgeons Dr N L Balaney, M B B S, B M S, Class II (*Ahmedabad*) Dr N M Afreja M B B S, B M S Class II (*Bombay*)
Medical Inspector of Factories, Dr R L Mendonca B Sc, M B B S B M S, Class II (*Bombay*)

DEVELOPMENT DEPARTMENT

Commissioner of Labour, Bombay, P N Dumry I A S
Deputy Commissioner of Labour (Administration), V P Keni, M A
Certifying Surgeon, Bombay R C Bapat M B B S
Chief Inspector of Factories, N G Kewalramani, B Sc (Engg) (Glas) C P I B I (Civil) (Bom), M R San I
Chief Inspector of Steam Boilers and Smoke Nuisances, J M Munshi

Bombay Smoke Nuisance Commission

President, The Commissioner of Labour (Ex Officio)
Members nominated by Government The Executive Engineer, Presidency Division (Ex Officio) The Chief Inspector of Factories, Bombay, R K Gurtu, Mechanical Superintendent, Bombay Port Trust Bombay, Nominee of the Bombay Municipal Corporation
Elected by the Millowners Association, Bombay, M M Shah, K S Iyer
Elected by the Engineering Association of India, D S Mulla
Elected by the Hindustan Mazdoor Sevak Sangh, D S Marathe
Elected by the Provincial National Trade Union Congress, Shankar Marathe

Smoke Nuisance Subcommittee, Ahmedabad

Chairman, The Collector of Ahmedabad (Ex Officio)
Member, nominated by Government, The Executive Engineer Ahmedabad Division (Ex Officio)
Member elected by the Ahmedabad Millowners Association, Nanddas Haridas
Member elected by the Ahmedabad Municipal Corporation, Jayantilal Jamiatram Vyas

Smoke Nuisance Subcommittee, Sholapur

Chairman, The Collector of Sholapur (Ex Officio)
Member nominated by Govt, The Ex Engineer Sholapur (Ex Officio)
Member elected by the Millowners, Sholapur, M C A Cookson
Member elected by the Sholapur Borough Municipality President, Sholapur Borough Municipality

CO-OPERATIVE DEPARTMENT

Poona

Registrar, Co operative Societies and Director of Agricultural Marketing and Rural Finance, Bombay State, Poona, P J Chinmulgund I C S.
Joint Registrar Co operative Societies, Bombay State Poona K G Prabhu M A
Joint Registrar, Industrial Co operatives and Village Industries, Bombay State Poona V Subramanian, I A S
Chief Auditor and Financial Adviser to Co operative Department, G R Palkar
Chief Marketing Officer V D Kirkhams, B A (Hons)
Deputy Registrars Co operative Societies R K Mankikar B A (*Ahmedabad*), C K Patel B A (*Baroda*) A A Mahoy M A (*Nasik*), B V Patil M A, G D C A (*Belgaum*), Vacant (*Poona*)
Personal Assistant to the Registrar Co operative Societies Bombay State, Poona, B M Chitnis, B A, L L B G D C A
Personal Assistant to the Joint Registrar, Co operative Societies, Poona S S Rajgopalan M A
Deputy Joint Registrar, Industrial Co operatives and Village Industries, Poona, Y G Dharmadhikari, M A L L B
Assistant Registrar, Dairy Societies Poona V P Bhole, B Ag
Assistant Registrar, Rehabilitation for Production Centres, Bombay, V G Angne
Asstt Registrars Co operative Societies, P H Mehta, G D C & A (*Nadiad*) C K Desai, B A, G D C A (*Surat*), G K Chitnis, B A (*Mehsana*), N K Desai, B A (*Ahmedabad*), D A Desai B A G D C A (*Godhra*), J K Barot B A (Hons) G D C A (*Broach*) H G Doshi, B Sc, G D C A (*Bombay*) M M Shah, B Com (*Sabarkantha*), N S Kulkarni B A (*Amreli*), M V Patel, B Ag (*Banas kantha*) K M Diwanji, B A (*Baroda*), V J Phadke, G D C A (*Thana*) P V Patil, B Ag (*Nasik*), B S Chaudhari, B Com, G D C A (*Jalgaon*), N D Suryavanshi, B Com G D C A (*Dhulia*), C S Hubli B A G D C A (*Belgaum*), C A Jamkhandimath B A, L L B (*Dharwar*) R H Deshpande, G D C A (*Ahmednagar*), S S Inamdar B A L L B G D C A (*Satara North*) A D Kanade B A, G D C A (*Satara South*), D V Parulekar, B Com (*Sholapur*), S S Sundaresan M A G D C A (*Bijapur*), C R Hiremath B A, L L B (*Kanara*), K R Swadi, G D C A (*Poona*), B V Kumbhare, B A B T (*Alibag*), A R Sonawane, B A, L L B (*Ratnagiri*), V R Shinde, B A, G D C A (*Sholapur*)
Special Auditors, Co operative Societies A G Anegundi, B A, G D C A (*Belgaum*), M M Oza, B Com (*Nasik*), A D Patwardhan B A, L L B, G D C A (*Jalgaon*), S J Joshi, G D C A (*Poona*) K V Murkute, B Com (*Bombay*) R G Sapre G D C A (*Kolhapur*) V S Ghargi B A (*Dharwar*) M C Patel, B Com (*Nadiad*) M B Desai, B A (*Baroda*) G R Joshi B A (*Ahmedabad*) J M Trivedi (*Surat*), M R Anandrao, G D C A (*Addl Sholapur*)
Special Auditor on deputation C S Paranjape, B Com Manager, Dist Co op Central Bank, (*Sholapur*)
Marketing Research Officer, Bombay, M I Patel B Ag
Asstt Marketing Officers N M Patel B A, B Sc (*Ahmedabad*) B K Vaishampayan B Ag (*H Qrs, Poona*), D V Hiremath B Ag (*Bombay*), C G Shettar B A (Hons) (*Dharwar*), R R Wani, B Com (*Nasik*), S B Gosavi, B Ag (*Baroda*)
Assistant Marketing Officer attached to the Agril Produce Market Committee Sangli, G P Kawatkar, B Ag
Tanning & Leather Expert for Industrial Co operatives & Village Industries, Poona, B K Kale

Textile Officer for I C & V I Poona M A Kelkar
Engineer for I C & V I, Poona P S Nadkarni
Wool Expert I C & V I Poona, M K Neogy
Registrar of Moneylenders, Bombay City H G Doshi B Sc G D C A
Registrar of Moneylenders Poona & Personal Assistant to Registrar General of Moneylenders, I G Siddanti B A (Hons), G D C A
Registrar of Moneylenders Kolhapur, J J Hemrajani
Asstt Registrars of Moneylenders G I Chaudhari (*Bombay City & Suburb*), S M Kunav Barat Law (*Kolhapur*) B I Chavan B A, L L B (*Hubli*), N H Thacker, B Com, L L B (*Ahmedabad*), T A Pratinidhi B A, L L B (*Poona*)

BACKWARD CLASS DEPARTMENT

Poona

Director of Backward Class Welfare, Bombay State, Poona, T M Chudhary, M A (Oxon), I A S
Assistant Director of Backward Class Welfare, Dharwar Circle Dharwar, S K Patil
Assistant Director of Backward Class Welfare Ahmedabad Circle, Ahmedabad, P H Nanavati B A (Hons) B T
Assistant Director of Backward Class Welfare Baroda Circle Baroda, M S Sindha
Assistant Director of Backward Class Welfare, Nasik Circle, Nasik G G Joshi
Assistant Director of Backward Class Welfare, Thana Circle, Thana, B I Jadhav
Personal Assistant to the Director of Backward Class Welfare, Bombay State Poona, Ramchandra Khanhoji Gadekar, B A, B T, Dip Ed (Edin)
Backward Class Welfare Officers, V L Solanki B A (*Banaskantha & Sabarkantha Idar*) B G Parmar L L B (*Ahmedabad & Kaira Nadiad*) B R Parmar L L B (*Mehsana & Amreli including Okhamandal, Mehsana*) D I Budhlal (*Panch Mahals Dohad*) K K Tenwa B A L L B (*Surat Dist Surat*) P B Gaikwad, B A L L B (*Baroda & Broach Dists Baroda*) B M Kamat B A (*West Khandesh & East Khandesh Dists, Jalgaon*) Dr D P Khanapurkar M A, Ph D (*Nasik & Dangs Nasik*) B Y Upashi (*Greater Bombay and Thana District Thana*) S V Gaikwad (*Ratnagiri and Kolaba Districts Ratnagiri*) G M Babar (*Sholapur District Sholapur*) D K Pol, B A B T (*Kolhapur & South Satara Dists Kolhapur*) H N Nukapur B A (*Dharwar & North Kanara Karwar*) I B Sadre (*Belgaum & Bijapur Bijapur*) I B Thade, B Sc (*Ahmednagar District Ahmednagar*) D N Murdeshwar, B A (*Poona and Satara North Districts, Satara*)

VISUAL EDUCATION DEPARTMENT

Gymnasium Road Bombay 1

Inspector for Visual Education, Bombay State, Bombay G K Athalye, M Sc (Lond) A R C Sc (Lond), D I C (Lond) M R S I (Lond), B T (Bombay)

DIRECTORATE OF PUBLICITY

Secretariat, Bombay

Director of Publicity, M H Shah
Deputy Director of Publicity, P V Parvate
Information Officer S M Vanjari
Asstt Director of Publicity (Kannada), B B Chitkupi
Asstt Director of Publicity (Marathi), B S Vartikar
Asstt Director of Publicity (Gujarati) N K Bhatt
Asstt Director of Publicity (Administration) V S Telang
News Editor, D R Samant
Asstt News Editor, P R Kaikini
Films Officer, S C Patil
Editor, Rural Magazine M G Kamath

Rural Broadcasting Section

Engineer in Charge, M M Wagle

BOMBAY DISTRICT GAZETTEERS (REVISION) EDITORIAL BOARD

Apollo Bunder, Bombay 1

Executive Editor and Secretary Prof M R Palande, M A,
Research Assistants, A N Weling, M A S C Merh, M A, B K Vadeyar M A, R P Siddhanti M A, M R Kulkarni, M A, V B Barot, M A

REGISTRAR OF COMPANIES

Raja Bahadur Mansion, 32 Apollo St, Fort, Bombay

Registrar of Companies, Firms etc, Mukund V Varerkar, G D A, A C A
Asstt Registrar of Companies, P K Shahani B A L L B
Addl Registrar of Firms, I J Gondhalkar, B A (Hons), L L B

REGISTRATION

Old Custom House Fort Bombay

Sub Registrar of Bombay exercising all the powers of a Registrar except that of hearing appeals Registrar of Marriages under Act III of 1872, *Registrar of Births and Deaths under Act VI of* 1886, G R Matapurkar, B A

Joint Sub Registrar of Bombay exercising all the powers of a Registrar except that of hearing appeals Registrar of Marriages under Act III of 1872 D J Desai B A

REGISTRAR OF MONEYLENDERS

Town Hall Bombay

Registrar, H G Doshi

ASSISTANT REGISTRAR OF MONEYLENDERS

2nd Floor D D Bldg Old Custom House Fort

Asstt Registrar G I Chaudhari

YERVADA INDUSTRIAL SCHOOL

Poona 6

Superintendent B S Khare B A
Dy Superintendent, D K Athalye

GOVERNMENT PRINTING & STATIONERY DEPARTMENT

Director Govt Printing and Stationery Bombay I B D'Souza I A S
Manager Government Central Press Bombay D K Pradhan B A B Sc
Manager, Yerwada Prison Press K C Thakar B A (Hons) B Com
Manager Govt Photozincographic Press and Photographic Expert to Govt Poona I W D'Souza
Manager Government Press and Stationery Dept Baroda G C Nagamoni
Manager Government Press and Stationery Stores Kolhapur, G J Gonsalves B A

MISCELLANEOUS APPOINTMENTS

Prot of Surg Bombay with attached duties M B Kinikar M B B S
Police Surgeon H S Mehta M S (Bom) F C P S (Bom)
Supervisor, Bombay Entertainment Duty Act, V C Vora M Sc

PORT HEALTH ORGANISATION

Construction House Ballard Estate Bombay 1

Port Health Officer Dr D Choudhury, B Sc (Cal) M B B S (Pat) D T H (Cal) D T M (Cal)
Dy Port Health Officer Dr K Bhaskaran B A (Mad) M B B S (Mad) D T H (Cal)
Asstt Port Health Officers Dr N Krishnaswamy M B B S (Mad), Dr K M Budhram B Sc (Bom) M B B S (Bom)
Leave Reserve Officer Dr M V Hasrajani M B B S (Mad)
Lady Doctor Dr (Mrs) I D Bharucha M B B S (Bom)
Head Clerk V V Kakodkar B A (Bom)

Seamen's Medical Examination Scheme Bombay

Doctors Dr D B Parikh M B B S (Bom) D P H (Lond) D T M (Liv) T M (Dub) Dr K J Mankani M B B S (Bom) D O (Bom), Dr J M Sen Gupta M B B S (Cal), D P H (Cal)

Indian Seamen's Clinic Thana Street Bombay

Incharge Dr K D Kowlimani M B B S (Mad)

Yellow Fever Inoculation Section Haffkine Institute

Incharge Dr Vijay Singh M B B S (Cal)

CENTRAL BOARD OF FILM CENSORS

Ministry of Information and Broadcasting
91, *Walkeshwar Road Bombay* 6

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Regional Officer at Bombay S A Ayer
Assistant Regional Officer cum Secretary J J Cursetji B A L L B, Bar at Law

BOMBAY COLLECTORATE

Old Custom House Fort Fort, Bombay

Collector of Bombay and Bombay Suburban Dist I B Bowman I C S
Deputy Collector, Bombay, and Personal Assistant to Collector of Bombay B S Bhosekar B A
Superintendent, Bombay City Survey and Land Records R J Sethna, B E B A, B Sc L L B
District Dy Collector, L & S D, H M Jani B A

Additional Special Land Acquisition Officer, Bombay & B S D, A M Pandya, M A
Supervisor, B E D A, V C Vora, M Sc, M I S E
Special Officer, B S D, V S Palshetkar
Mamlatdar, South Salsette, Andheri, D L Master, B A
Chitnis to the Collector, B S D, N G Wani
Head Clerk to the Collector of Bombay, P S Sathaye

STAMPS

Town Hall, Fort, Bombay

Superintendent of Stamps, J D Kapadia, I C S
Asstt Superintendent of Stamps, S S Malik, B A (Hon), J P
Dy Assistant Superintendent of Stamps, V R Pradhan, B A

DEPARTMENT OF LIBRARIES

Town Hall, Bombay 1

Curator of Libraries Bombay State Bombay P D Waknis, B A, F I A
Assistant Curator of Libraries, Maharashtra Region, Poona, K G Bhagwat M A
Assistant Curator of Libraries, Gujarat Region, Ahmedabad, V M Patel, B A
Assistant Curator of Libraries, Gujarat Region, Baroda, U M Patel, B A
Assistant Curator of Libraries, Karnatak Region, Dharwar, G M Patil, B A

BOMBAY PUBLIC SERVICE COMMISSION

Bank of India Building, Mahatma Gandhi Road, Bombay

Chairman, Dr K B Bharucha, Ph D, Bar at Law
Members, M S Patil B A LL B, J P R N Walingkar, B A (Oxon) J P, R B Ghorpade B Sc, J P
Secretary, B J Israel M A
Asstt Secretary, V G Sanglikar, M A, LL B

JAILS

Inspector General of Prisons, M K Deshpande, I A S
Superintendent Arthur Road Prison, House of Correction, Byculla, S C Chavan

BOMBAY HOUSING BOARD

Esplanade Maidan, Cruickshank Road, Bombay

Chairman G D Daftary B E, M I F (Ind)
Members, Noor Mahomed Shaikh B A L U Apte, Motichand G Shaha B D Mhatre G D (Arch)
Secretary & Housing Commissioner, C R Desai, B E, B S E (I)
Legal Advisor R A Rele, B A LL B

OFFICE OF THE HOUSING COMMISSIONER

Esplanade Maidan Cruickshank Road, Bombay

Housing Commissioner and Secretary, Bombay Housing Board, C R Desai B E, B S E (I)
Assistant Housing Commissioner (North), S S Kirtane, B F, A M I M & C y E M R San I
Executive Engineer, Housing Development Division, Works, Bombay, V V Navare B F, B S E (I)
Executive Engineer, Housing, East Division, Bombay, D P Shah, B E B S F (I)
Executive Engineer, Housing, Ulhasnagar Division, Kalyan, V B Salukhe, B E, B S E (I)
Executive Engineer, Housing, Ahmedabad Division, B P Deria, B E, B S F (I)
Executive Engineer, Housing, West Division, Works, Bombay, P A Joshi, B E, B S E (I)
Works and Designs Officer, Bombay, S G Sohoni, D C E, B S E (II)
Dy Engineer attached to office of the Housing Commissioner, Bombay, N P Punjabi B F, B S F (II), U N Karnani, B E, B S E (II) C R Seth, B E, B S F (II)
Dy Engineer, attached to Office of the Assistant Housing Commissioner, West, D P Shah, B E, B S E (II)
Dy Engineer attached to Office of the Assistant Housing Commissioner (North) N M Parelkar, B E, A M I E, B S E (II)
Deputy Engineer, Works Construction Sub Division, M J Bhatia, B E, A M I E, B S E (II)
Deputy Engineer, Sion Construction Sub Division, G B Agarkar, D C E
Deputy Engineer Construction Sub Division (East) No 2, Pimpri, U N Karnani, B E, B S E (II)
Deputy Engineer Housing Sub Division No 1, Ahmedabad, R G Bhatia, B E, A M I E, B S F (II)
Deputy Engineer, Baroda Rehabilitation Sub Division, Baroda, S L Patel, B E, B S F (II)
Deputy Engineer, Kubernagar Sub-Division, Ahmedabad, A V Parikh, B Sc, B E
Deputy Engineer, Hansol Sub Division, Ahmedabad, J P Jethwani, B E
Deputy Engineer, Neighbourhood Sub-Division 'B', Worli, I S Gidwani, B E
Deputy Engineer, Maintenance Sub Division, Worli, C R Sheth B E
Deputy Engineer, Neighbourhood Sub Division 'D', Worli, M V Nagarkar B E, B S E (II)
Deputy Engineer, Development Sub Division 'A', Worli, B Naravan Rao, B Sc B E
Deputy Engineer, Development Sub-Division 'B', Worli, C P Nariani, B E, B S E (II)
Deputy Engineer, Ulhasnagar Township Sub-Division No I, Kalyan, R V Sathe, B E, B S F (II)
Deputy Engineer, Ulhasnagar Township Sub Division No II, Kalyan, L J Yadav, B F
Deputy Engineer, New Township Road, Sub Division No II, Kalyan, V B Parikh, B E, B S E (II)
Estate Manager, Bombay Housing Board, S B Soman
Asstt Estate Manager, J N Bhagwat, B A, LL B
Chief Accounts Officer, Bombay Housing Board, R S Ramaswamy Iyer, M A, I T G D A A I C W A

SECRETARIAT RECORD OFFICE

Elphinstone College Building, Fort

Director of Archives, Government of Bombay, Dr P M Joshi, M A, Ph D (Lond)
Historical Archivist, Dr V G Dighe, M A, Ph D
Superintendent W Cardoz

CUSTODIAN OF EVACUEE PROPERTY

Mercantile Bank Bldg, Mahatma Gandhi Road, Fort Bombay 1

Custodian of Evacuee Property, R S Trivedi
Inspecting Deputy Custodian, N F Canteenwalla
P A to Custodian of Evacuee Property, K R Soman
Accounts Officer, V B Paranjpe
Assistant Custodians N M. Shah T L Bhagtani

TECHNICAL EDUCATION

Elphinstone Technical High School Bldg, Cruickshank Road

Director of Technical Education, J A Taraporevala, B Sc (Bom) B Sc (Edin), M I Struct E, M I C E (London), M I E (India)
Inspector of Technical Education (Chemical Engineering), R S Kenkre B Sc, B Sc (Tech) (Bom), M S (U S,A)
Inspector of Technical Education (Engineering), H T Gandhi, B Sc (Engg), Benares, A M I E (India)
Deputy Inspector-cum Personal Assistant to Director of Technical Education, M R Bhise, B Sc, B E (Mech), B E (Elec), A M I E E (London), A M I E (India)
Deputy Inspector of Technical Education (Textiles), A U Shenoy, L T M (Hons)

RATIONING DEPARTMENT

Controller of Rationing, Bombay, B A Koreishi
Assistant Controller of Rationing (Government Grain Shops), M H Bhujwalla
Assistant Controller of Rationing (Districts), B P Gothoskar
Assistant Controller of Rationing (Establishments), S H Fernandez
Assistant Controller of Rationing (Retailers), V B Parulkar
Assistant Controller of Rationing (Wards), D S Rajadhyaksha
Assistant Director of Civil Supplies (Govt Grain Shops), B S Kanade

OFFICE OF THE SUPERINTENDENT OF PARKS AND GARDENS

14, Queen's Barracks, Fort

Superintendent, Bhanu L Desai, B Ag, F I L A (Eng)
Head Clerk, K N Sreenivasa Sarma, B Sc
Superintendent, Government Gardens, Poona, K D Gaikwad
Supdt, Govt. Gardens, Baroda, R C. Patel, M Sc
Supdt, Govt Gardens, Kolhapur, K D Mohite, B.Ag

For the following Departments See under Poona :

1 Town Planning and Valuation Department
2 Education Department
3 Soil Conservation Section.
4 Land Records and Registration.
5. Public Works Department.
6 Public Health Department

THE BOMBAY CORPORATION

The municipal government of Greater Bombay vests in the Municipal Corporation, composed of 124 representatives elected on adult franchise

The Corporation has four statutory committees, the Standing Committee, the Improvements Committee, the Education Committee and the Bombay Electric Supply and Transport Committee

The executive power in regard to administration vests in the Municipal Commissioner The administration of the B E S T Undertaking, however, vests in the General Manager

The Corporation is required to meet at least once a month In actual practice it meets twice a week and oftener if necessary Meetings of the Corporation are presided over by the Mayor who also convenes the meetings The Mayor s term of office is one year and he is elected at the first meeting in April

The Standing Committee consists of 16 members, all of whom are elected by the Corporation Half the members retire at the end of each year The Chairman is elected by the members of the Committee at the first meeting every year The main functions of the Committee are to sanction contracts, to scrutinize the budget and establishment schedule, frame service regulations, sanction investment of funds, prescribe the form of keeping accounts and conduct their scrutiny The Committee meets once every week usually on Wednesdays

The Improvements Committee consists of 16 Councillors all of whom are elected by the Corporation The Chairman is elected for a term of one year, while half the Councillors retire at the end of each year The Committee is charged with all improvement and development schemes, slum clearance, poorer classes accommodation, purchase and sale of land which does not exceed Rs 50,000 The Committee usually meets once a fortnight on Tuesdays

The Bombay Electric Supply and Transport Committee consists of nine members one of whom is the Chairman of the Standing Committee (ex Officio), while the remaining members are appointed by the Corporation from among persons who (may or may not be members of the Corporation) have experience of administration, transport or electric supply, or of engineering, industrial, commercial, financial or labour matters The Chairman is appointed by the members for a period of one year, while half the members retire every second year The Committee usually meets every Friday , and the Chairman and members are paid a fee for attending the meetings The Committee exercises a general control over the electric supply and transport undertakings of the Corporation

The Education Committee consists of 16 members of whom 12 are Councillors and 4 non Councillors The Chairman of the Committee is elected, for a period of one year, while half the members retire at the end of each year The Committee usually meets on the first Friday of every month The main function of the Committee is to administer the Primary Education Act or any other law for the time being in force

Besides the Statutory Committees mentioned above there are four Special Committees appointed by the Corporation These are 1 the Works Committee, 2 the Medical Relief and Public Health Committee, 3 Markets and Gardens Committee, and 4 Law, Revenue and General Purposes Committee Each Committee consists of 24 Councillors appointed by the Corporation after each general election There are a Chairman and a Deputy Chairman for each Committee who are elected by the members and who hold office for one year All questions that are due to go before the Corporation must first be considered by the appropriate Special Committee which then makes its recommendations to the Corporation

Then there are a number of *ad hoc* Consultative Committees to which the Corporation can refer any matter for consideration and report The Committees so appointed at present are 1 Grants-in-aid to various institutions in the City, 2 Greater Bombay, 3 Government orders in the matter of construction of new buildings, 4 Preparation of a thorough Municipal Electoral Roll, 5 Provision of an adequate number of play-grounds, gardens, etc in each ward, 6 the Parulekar Report on Primary Education, 7 Co ordination of Physical Culture Institutions in the City

The four most important executives of the Corporation are the Municipal Commissioner, the General Manager of the Undertaking, the Municipal Secretary and the Municipal Chief Auditor

The Municipal Commissioner is at the head of the Executive He is usually a senior member of the Indian Civil Service and is appointed by the Government for a renewable period of three years He can be removed by the Corporation by a five-eighths vote If however Government desire to revert him to their service the consent of the Corporation is necessary He attends meetings of the Corporation and Committees but does not vote He is assisted by two Deputy Municipal Commissioners and one Assistant Commissioner, in addition, of course, to heads of departments

The General Manager of the Undertaking is in the same position to the Electric Supply and Transport Undertaking as the Municipal Commissioner is to the Corporation as a whole He is appointed by the Corporation subject to the approval of the Provincial Government for a renewable period of not more than five years at a time He can be removed by the votes of not less than half the number of the Councillors He attends the meetings of the B E S T Committee and takes part in the discussions but does not vote

The Municipal Secretary is in charge of all the secretarial work pertaining to the Corporation and its Committees He is independent of the Commissioner and is directly under the Standing Committee.

The Municipal Chief Auditor is also independent of the Commissioner and is directly under the Standing Committee

Primary education is free and compulsory in the Bombay Suburban District and is the special responsibility of the Corporation

There are at present 495 Municipal Schools and Classes conducted by the Education Committee and 291 Aided and Recognized Schools to which the Corporation makes grants or gives recognition The total number of pupils in all Primary Schools on March 31, 1953 was 2,57,702 out of whom 188,150 were in Municipal Schools and 69,552 in Aided Schools The Corporation grant to the Education Committee was Rs 1,45,48,000 Of this Government contributed Rs 30,58,875

The Municipality maintains the Victoria and Albert Museum at Victoria Gardens and a number of free reading rooms and libraries (3 libraries in each ward, one for women and two for men)

As for medical relief the Municipality conducts one large fever hospital (Arthur Road), and three large general hospitals (K E M, Nair and Sion) and three hospitals for tuberculosis patients Then there are 24 free dispensaries, five maternity homes, 15 ante natal clinics, seven family planning clinics and one venereal diseases clinic

WATER SUPPLY

The water supply of the City is drawn from three Lakes Tansa, Vihar and Tulsi The Tansa Lake can supply about 100 million gallons per day and is the main source of water supply It is situated about 66 miles north east of Bombay The Vihar Lake can supply 17 5 million gallons a day exclusively to the north east part of the City and also partly to Chembur and Kurla It is situated about 18 miles north of Bombay The Tulsi Lake which is to the north-west of Vihar Lake supplies about 4 million gallons a day to H, K and L Wards

Under Section 140 of the Bombay Municipal Corporation Act the Corporation can levy water tax on buildings, lands and premises in the City The tax is fixed as a certain percentage of the rateable value of the building, land or premises The present rate is 3¼ per cent Under Section 169 the water supplied can also be charged on meter measurement and at the rates prescribed from time to time by the Standing Committee Water tax is the first charge on a property under Section 141, and can be recovered from the owner by distress (Sections 203,204) and is also recoverable from tenants by authorizing them to make payments from their rents (Section 209) The supply of water to any premises can be cut off in default of payment of water tax or any sum due for water or hire of meter or expenses of work done (Section 279 (1) (*a*)) Copies of Water Charges Rules can be had from the office of the Hydraulic Engineer on payment of a sum of annas 8 per copy

The newly added areas of the former Bombay Suburban District are divided into five wards for purposes of water supply H, K, L, M and N, with two Assistant Engineers in charge one looking after H and K Wards and the other after L, M and N The supply is throughout metered

The obligatory duty of the Corporation to supply an adequate quantity of water relates to the provision of supply only upto the boundary of the premises, as distinguished from the distribution of water within the premises Any premises can be served by means of one communication pipe only the size of which depends upon the quantity of water needed in the premises The owner can have separate connections to each floor provided he pays the cost of all the connections but one

If the Municipal Commissioner finds that any premises are not provided with an adequate supply of pure water he has the power under Section 271(2) to compel the person who pays the property tax to obtain an adequate supply from a Municipal Water Works and carry out all such works as is necessary for a proper distribution of the water

No one except a licensed plumber can undertake work on water-pipes and fittings and no person can allow any such work to be done by anyone except a licensed plumber

For purposes of distribution Bombay is divided into 3 parts, called A Division, B Division and C Division Broadly speaking, the A Division consists of the areas of Clerk Road, Hornby Vellard up to Jacob Circle, Lamington Road, part of Grant Road, Kika Street, Abdul Rehman Street and Carnac Road up to the Victoria Dock in the north, and on the west coast along Back Bay, Walkeshwar, Nepean Sea Road and Warden Road up to Clerk Road Junction—this Division is served by the Malabar Hill Reservoir

Division B consists of the localities of Kalachowki Road, Reay Road, Coal Bunder in the north, on the eastern coast up to Carnac Road Abdul Rehman Street Kika Road Falkland Road and part of Grant Road up to Lamington Road in the south in the west Lamington Road and Arthur Road and finally some areas of Dongri and Mandvi and Mazagon The whole of this Division is supplied from the Bhandarwada Hill Reservoir The C Division that is the north of the Island is served directly from the Trunk mains as they enter the City

The quantity of water given through the Malabar Hill Reservoir is 32 million gallons a day through the Bhandarwada Reservoir 18 and the quantity given directly 70 million gallons

A word about prevention of waste is in order It is not possible for the Waste Prevention staff to inspect every building If any leakage of water is noticed the public is requested to immediately inform the Babula Tank Control Enquiry Office Telephone No 71215 16 Water taps in private buildings are re washered free of charge by the Department on request

The Tansa supply is chlorinated at the Chlorination Plants of Powai and Ghatkopar while the Vihar supply is sterilized at Powai When there is any difficulty in obtaining liquid chlorine bleaching powder is used the Tansa water being chlorinated at Bhandup and the Vihar at the source The Tulsi supply is treated with potassium permanganate and alum and is passed through seven beds of sand filters With a view to keeping up the standard of residual chlorine an extra dose is injected into the inlet mains at Tutka Tank, Malabar Hill and Bhandarwada Reservoirs Sometimes mains are also re chlorinated by means of portable chlorine sets

There is a fortnightly bacteriological and chemical analysis of water carried out by the Municipal Analyst

PUBLIC HEALTH DEPARTMENT

The Public Health activities are carried on under the direct control and supervision of the Executive Health Officer The Department is divided into several branches such as conservancy and sanitation food sanitation, vital statistics prevention and control of communicable diseases, maternity and child hygiene, medical relief and health propaganda

The Conservancy Branch is in the charge of a Head Supervisor who has an Assistant Under them are Supervisors Senior Overseers Junior Overseers Depot attendants etc The Veterinary staff is under a Senior Veterinary Inspector, who has a number of Junior Inspectors and qualified veterinary surgeons

Conservancy includes cleansing of streets etc removal and disposal of refuse destruction of rats and dogs, veterinary service, removal of carcasses, disinfection ambulance and so on

Environmental sanitation comprises inspection and supervision of premises provision of public sanitary conveniences, sanitary control over factories Inclusible trades overcrowding

The veterinary staff inspects the stables in the city and are also in charge of the bullock hospital and segregation sheds in Mahalaxmi

For purposes of sanitation registration and vital statistics the city is divided into five divisions each division being under the charge of an Assistant Health Officer who is directly responsible to the Executive Health Officer Each of these divisions is further sub divided into sections each section being put under the charge of a Medical Inspector

For the hygiene control of the milk trade there are Milk Inspectors and Sub Inspectors

For pest control there is a Malaria and Insecticide Branch Anti malaria and pest control measures are carried out by a staff of Assistant Insecticide Officers, Malaria Inspectors and so on under the control of an Insecticide Officer who is directly responsible to the Deputy Executive Health Officer

The vaccination staff includes a Superintendent, a Head Vaccinator a number of Vaccinators including a Lady Vaccinator There are 38 permanent public vaccination stations 3 of which work daily at 1 The Central Vaccine Depot Parel 2 The Sanitary Institute Building, Dhobi Talao 3 Arthur Road Hospital The remaining centres work on one day every week by rotation for about 2½ hours Besides 4 additional temporary centres work one day every week for 2½ hours

Hygiene includes maternity and child welfare family planning and school health

There are five Maternity Homes, each in charge of a Lady Medical Officer Twenty Health visitors do the follow up work and domiciliary care under the direction of the Lady Medical Officer A small maternity unit is conducted at Dharavi Expectant mothers are encouraged to attend ante natal clinics of which there are 15 in number The five Maternity Homes are at Cadell Road, Victoria Road Bellasis Road, Khetwadi and Imamwada Road And the child welfare clinics are conducted (besides the Maternity Homes) at Fergusson Road Dispensary Dadar Main Road Dispensary, Labour Welfare Centre at Arthur Road Chawls Ambewadi Dispensary at Parel Tank Road District Dispensary at Souter Street Pardeo Flats Dispensary District Dispensary at Charni Road District Dispensary at Panjrapole Dalton Road Stables Dispensary, District Office at Kolsa Mohalla

There are seven Family Planning Clinics at 264 Charni Road, Bai Gulbai Chokey Dispensary at Dr D Silva Road Dadar Bellasis Road Maternity Home Victoria Road Maternity Home, Imamwada Maternity Home, Cadell Road Maternity Home, and Khetwadi Maternity Home

School Health Work is limited to Municipal Schools only and is under a Medical Officer Children found to have defects are taken for treatment in school buses to the school clinic at K E M Hospital Dental care is given at the Dental Clinic at the Bai Yamunabai L Nair Hospital

The Public Health Laboratory which is under the charge of a Municipal Analyst conducts routine and special examinations of water sewage, food urine, blood and sputa of patients at Municipal Institutions

Medical Relief is given at two big Hospitals, K E M and Nair 24 Municipal Free dispensaries and one Eye Dispensary and Hospital

The dispensaries are situated at 55 Rajwadkar Street Colaba 303 Tiere Road Fort 259 Sandhurst Road Dongri 212(1) Panjrapole Street Bhuleshwar 264 Charni Road, Girgaum 15 17 Khetwadi First Lane 1 Souter Street Byculla 143 Foras Road Bai Gourabai Dispensary Kamathipura 8th Lane Bai Gulbai Chokey Dispensary D Silva Road Dadar B D D Chawl No 45 Worli 213 C Delisle Road 245(H) and (I) Dharavi Road New Parbadevi Road and Cadell Road Junction Mulji Bhuvan Sewri New Road New Chawl Ambewadi Parel Tank Road 160 160 A New Delisle Road Pardeo Flats Mahalaxmi Connaught Road Byculla Chembur Dispensary Chembur King George V Infirmary, Barnes Road, Mahalaxmi Dalton Road Vindu Ayurvedic Lokhile Road (South) Dadar Dadar Main Road, Municipal Chawl No 1

The Eye Dispensary is in Bai Lingubai Building in Kamathipura where an eye hospital is also located

There is a Public Health Propaganda Section working for mass education in matters pertaining to health

SOME FACTS (1952-53)

Area of the City		16 761 acres
Population		23,25 945
Density of Population		139 per acre
INCOME —		
General Tax at 11 per cent	Rs	2 57 58 218
Fire Tax at ¾ per cent	,	14 96 233
Water Tax at 12½ per cent including other receipts from Water Works	,	1 00,59 149
Halalkhori Tax at 3 per cent including receipts from special service	,,	58 12 908
Total Income (including revenue from other sources)		7 71,50,714
Rates charged for water connections by measurement		From As 6 to Rs 2 per 1 000 gallons according to the use of the properties
Incidence of taxation per head	Rs	26 6 2
Total rateable value	,	21 00 54 130
Properties registered in the Assessment Book		53 865
Rateable value per head of population	,	90 4 11
EXPENDITURE —		
Primary Education		1 13 00 121
Medical Relief and Education	,,	71,09,190
Water Works—		
Maintenance Rs 38 87 841		
Debt Charges 79 86 078		
		1 18 73,919
Debt Charges (excluding Water Works)	,,	77 40 150
Other services		4,12 56 243
Total expenditure		7,92 79,925
LOANS —		
Debts outstanding	,	17 38 54 303
Redemption or Sinking Fund in hand or invested	,	4 24,22 631
Net Debt per head	,,	56 8 1
TAXES —		
Incidence of Municipal taxes and rates per head	,,	26 6 2
Number of properties in the City		53 865
Number of vehicles taxed		35,072
Demand in respect of Urban Immoveable Property tax levied by Govt, collected by Municipality	,,	1 48 55 892
BIRTHS AND DEATHS —		
Total Number of live births registered during the year 1951-52		65 679
Birth rate per thousand living		28 2
Total Number of deaths during the year		33,841
Death rate per thousand population		14 5

SOME FACTS (SUBURBS)

Area of the Suburbs		43,398 acres
Population (1951 Census)		5,10,151
Density of Population		11 75 per acre
INCOME —		
General Tax at different rates varying from 10 per cent to 14 per cent	Rs	28 85 324
Fire tax 1 per cent		1 16 581
Water Tax by measurement (including other receipts from Water Works)	,	14 11 363
Halalkhore Tax at 3 per cent and receipts from special service		6,27 41
Rate charged for water supplied by measurement	from	As 12 to Rs 2 per 100 gallons according to the use of property
Total Income (including revenue from other sources)	R	88 99 38
Incidence of taxation per head		12 11 11
Total Rateable value		2 91 19 370
Properties registered in the Assessment Book	,	2 9 3 56
Rateable value per head of population	,	57 1
EXPENDITURE —		
Primary Education		15 78 242
Medical Relief and Education		2 26 197
Water Works		
Maintenance Rs 14 60 570		
Debt Charges		
Other Suburban Services	Rs	47 76 261
Total Expenditure		8,61 116
LOANS		
Debt outstanding	,	57 61 000
Redemption and Sinking Fund in hand or invested		6 21 822
Debt Charges (excluding Water Works)		2 77 178
Net Debt per head		10 1 4
TAXES		
Incidence of taxation rates per head	,	12 11 11
No of properties in Suburbs		29 56
No of vehicles taxed		9 165 (Exclusive of those taxed under Public conveyance Acts)
Demand in respect of Urban Immoveable Property tax levied by Government collected by Municipality	Rs	1 42 309
BIRTHS AND DEATHS —		
Total number of live births registered during the year (1951)		14 407
Birth rate per thousand living		28 2
Total number of deaths during the year		5 07
Death rate per thousand population		10 2

MUNICIPAL BUDGET (1953-54)

Here are some of the more important facts of the revised municipal budget for 1953-54 as presented to the Corporation by the Chairman of the Standing Committee

		Lakhs
Income	Rs	87 7 16
Expenditure	,	8841 46
Deficit		11 30

The important change made by the Standing Committee in the budget proposals presented by the Municipal Commissioner was to raise the provision for supply of milk to under nourished children in municipal schools from Rs 7 Lakhs to Rs 8 Lakhs

In the budget for Primary Education presented by the Chairman of the Education Committee a few cuts in the expenditure under contingencies were effected while increasing allotments under educational activities

Capital Account

The total amount provided is Rs 58 38 Lakhs Out of this Rs 9962 are for works in progress Rs 20 76 Lakhs for new works and Rs 5 00 for purchase of capital stores Among the major works for which funds have been provided are (1) Strengthening of Tansa Dam Rs 40 00 Lakhs (2) Vaitarna cum Tansa Scheme, Rs 27 00 Lakhs

BEST BUDGET

The budget estimates of the Bombay Electric Supply and Transport Undertaking for 1953-54 as finally adopted by the Bombay Municipal Corporation show a surplus of more than Rs 36 Lakhs

The income of the Undertaking, including the opening balance of one Lakh of rupees is placed at Rs 76 66 Lakhs The expenditure is estimated at Rs 726 80 Lakhs

The table below shows in outline of the budget

		Lakhs
Estimated opening balance	Rs	1 00
ESTIMATED INCOME		
Electric Supply	,	298 88
Tramways		153 47
Buses	,	210 51
Total		763 66
ESTIMATED EXPENDITURE		
Electric Supply		249 74
Tramways		200 25
Buses	,	276 81
Total		726 80
Surplus		36 86

The surplus will be disbursed as follows Transfer to the municipal funds as required by the Bombay Municipal Corporation Act, Rs 34 00 Lakhs and transfers to various funds Rs 1 86 lakhs This leaves a closing of Rs 1 00 lakh

The foregoing figures show that the electric supply section is estimated to yield a surplus of Rs 49 14 Lakhs and the working of the buses is anticipated to result in a surplus of Rs 3 50 Lakhs The tramways section is expected to show a loss of Rs 46 78 Lakhs

Provision has been made in the 1953-54 budget for the purchase of 50 new buses At the end of 1953-54 the fleet will consist of 900 buses according to the present programme

MEMBERS OF THE CORPORATION

Dr P A Deis*, I M & S (Ward No 36), *Mayor*

V N Desai B A (Ward No 35), *Chairman Standing Committee*

V B Workhar (Ward No 31) *Chairman, Improvements Committee*

Dr N N Shah I C I S (Bom), J P (Ward No 8), *Chairman Education Committee*

Ganpatishankar N Desai J I (Ward No 9), *Chairman B E S & T Committee*

R K Achrekar J P, (*Ward No 10*), Dr L Anande, R M P J P, (*Ward No 22*), G S Bagwe, B A L L B (*Ward No 33*), Major S R Bamji A I R O, F R S A, F C I, M B F, (Retired) J I (*Ward No 27*), N Y Bandukwala (*Ward No 1*) R D Bhandare M A L L B, Advocate High Court, (*Ward No 31*), Naushir C Bharucha M A L L B, Advocate High Court M L A, (*Ward No 31*) D G Bhosle (*Ward No 6*) P H Boricha B A L S G D (*Ward No 15*) K L Borkar (*Ward No 17*) K M Broker (*Ward No 5*), K R Chari (*Ward No 39*), R H Chemburkar, (*Ward No 40*), S D Chiplunkar, (*Ward No 29*), M D Choksy (*Ward No 9*), K M Chougule, (*Ward No 34*) Dr P D Daftary, I C P S (Bom) (*Ward No 41*), Jehangir D Daruvala, M Soc C E (France), Assoc M Inst C E, F I S E, M I E (India) M R Sanjana, (*Ward No 2*), Dinkar D Desai, M A, L L B, (*Ward No 12*), K G Desai (*Ward No 24*), Smt Maniben N Desai G A J P, (*Ward No 13*), S S Desnavi, B Sc B L, (*Ward No 20*), D D Devrukhkar, J P, (*Ward No 11*), K S Dharia, B A, L L B, (Hons)(Lond) Barrister at Law (*Ward No 1*) M A Dorasiwalla (*Ward No 7*) S A Dhurandhar B A L L B (*Ward No 37*) A S Dutt (*Ward No 5*) M V Donde B A M L C (*Ward No 24*), Dr J Leon D'Souza M I B S (*Ward No 10*) Dr Menino De Souza M D B Sc (Bom) (*Ward No 19*) Dr Simon C Fernandes M B B S (*Ward No 10*) R K Gandhi (*Ward No 28*) N B Gangi (*Ward No 17*) H D Gionkar M Sc (Bom) I D (Lond) (*Ward No 23*) K D Gram (*Ward No 20*) Y S Goud, (*Ward No 26*), Gulam Nabi Haji Abdul Rehman (*Ward No 20*), A M Hafizka, (*Ward No 7*) R K Hudikar J I (*Ward No 14*) M Harris (*Ward No 18*) Ismail Khwaja Husain (*Ward No 6*) R A Jadhav (*Ward No 39*) H K Joshi Advocate and Barrister at Law (*Ward No 3*) J K Joshi (*Ward No 2*) Ram Joshi M A, (*Ward No 34*) N D Kadam (*Ward No 29*) I H Kamere I P, (*Ward No 33*) G S Kanthi J I (*Ward No 32*) M A Khatal (*Ward No 18*) P G Kher B A L L B (*Ward No 26*), M S Khopkar, (*Ward No 26*), Khwaja Gulam Islam S (*Ward No 18*), J K Kothari (*Ward No 1*) Dr V A Kothari, L M (Dublin) (*Ward No 18*) Y B Kunder (*Ward No 2*) J L Lathi (*Ward No 1*) Fetchmohamed Lati (*Ward No 31*) M Madhavan, (*Ward No 28*) D G Mahajan (*Ward No 21*) G B Mahishabde J P (*Ward No 14*), Dr M G Mahimtura (*Ward No 7*), I M Malli (*Ward No 7*) G K Manay (*Ward No 26*), Dr P V Mandlik M B P S (*Ward No 15*) Dr U J Mankar I C I S (*Ward No 5*), Dr W S Matkar I C I S (*Ward No 32*) Rajabally Mehdy J P (*Ward No 1*) J S Meher (*Ward No 21*) P V Mehta L I C, (*Ward No 21*), A U Memon (*Ward No 5*),

* Fresh election is due to take place on April 1, 1954

I M Merchant, (*Ward No 5*), H D Misra, (*Ward No 39*), Smt Sulochana M Modi, M A, J P, (*Ward No 12*), P H More, (*Ward No 33*), Dr R B More, M B B S, (*Ward No 26*), Nanik G Motwane, (*Ward No 1*), Dr D S Mungekar, (*Ward No 33*), M N Munshi, (*Ward No 20*), Dr B K Nandi, M Sc (Cal), Ph D Tech (Manch), A R I C (Lond) (*Ward No 38*), Smt Kamalabai P Padhye, B A (Hons), (*Ward No 13*), S D Palekar, (*Ward No 11*), P S Paralkar, B Sc, L L B, Advocate, (*Ward No 14*), M P Parikh, Advocate, High Court, (*Ward No 10*), Dr C P Patel, M D (Bom), D T & H (Lond), (*Ward No 18*) Dahyabhai V Patel, J P, (*Ward No 16*), Dr Shantilal G Patel, M B B S, (*Ward No 19*), Dr Bhai S Patil, M B, B S, (*Ward No 38*), G L Patil, (*Ward No 23*), Dr K G Patil, B H Sc, (*Ward No 24*), S B Pawar (*Ward No 30*), Yusuf S Peerbhoy, (*Ward No 36*), G S Poddar, J P, (*Ward No 14*), D C Pohuja, (*Ward No 39*), M S Prabhoo, (*Ward No 15*), Lakshmidas Pratapsingh, (*Ward No 29*), N C Pupala, J P, (*Ward No 8*), P S Pupala, J P, (*Ward No 17*), Dr A R Rangnekar, M B B S, (*Ward No 14*) J B Shah, (*Ward No 6*), A V Shaikh, (*Ward No 16*), B R Shankarsett, B A, (*Ward No 12*), J S Sharma, J P (*Ward No 31*), V A Shenoy, (*Ward No 29*), P D Shigvan, (*Ward No 23*), Smt Vasanti N Shroff B A, (*Ward No 15*), M F Sikandar B A, L L B, (*Ward No 4*), Dudhnath Singh, (*Ward No 19*), H K Sowani, (*Ward No 25*), B D Tammal, (*Ward No 17*), V K Tembe, F C A, L I B, (*Ward No 27*), S M Thakare, (*Ward No 6*), P U Upadhyaya, (*Ward No 41*), N D Vakharia, B Com, L L B, Advocate, (*Ward No 9*), D D Vania, B A, L L B, Advocate, (*Ward No 15*), V S Velinkar, B A, Barrister at Law, (*Ward No 16*), P H Vora, M A, L L B, (*Ward No 37*), Dr S R Wadia, M B B S, (*Ward No 1*), R R Yadhav, (*Ward No 30*), S P Zaveri, (*Ward No 41*)

STANDING COMMITTEE

V N Desai, (*Chairman*), R D Bhandare, Dr P D Daftary, Smt Maniben N Desai, M V Donde, A M Hafizka, M Harris, G S Kanthi, P G Kher, J K Kothari, Dr M G Mahimtura, Dr W S Matkar, Smt Sulochana M Modi M P Parikh, V K Tembe V S Velinkar, The Chairman, Education Committee (Dr N N Shah) *ex Officio*

EDUCATION COMMITTEE

Dr N N Shah (*Chairman*), Major S R Bamji, S S Desnavi M V Donde, H D Gaonkar, *Dr B G Gokhale, M S Khopkar, Gulam Jilani S Khwaja, G K Manay, *Smt Ansuya M B R Shankarsett Smt Vasanti N Shroff, Dudhnath Singh, *Smt Lilavati V Velinkar, *B B Vyas, *Dr S R Wadia

* *Non-Councillor Member*

IMPROVEMENTS COMMITTEE

B Worlikar (*Chairman*), G S Bagwe, Jehangir D Daruvala, Dr Simon C Fernandes, R K Ganatra, R K Hardikar, Ismail Khwaja Husein R A Jadhav, M Madhavan, P V Mehta, I M Merchant, Yusuf S Peerbhoy, H K Sowani, S M. Thakare, P U Upadhyaya, S P Zaveri

BOMBAY ELECTRIC SUPPLY AND TRANSPORT COMMITTEE

Electric House, Ormiston Road, Fort, Bombay

Members —Ganpatishanker N Desai (*Chairman*), The Chairman, Standing Committee, *ex Officio*, Naushir C Bharucha, Dinkar D Desai, K S Dharia, A M Hafizka Gordhandas G Morarji, G I Patel, Mohamed Haji Hasham Premji

PRINCIPAL OFFICERS

Municipal Commissioner for Greater Bombay, P R Nayak, M A, I C S
Municipal Secretary, P R Mullaferoze B Com, F C C S
General Manager, B E S T Undertaking, J P L Shenoy, I C S
Deputy Municipal Commissioner (Improvements), L S Kagal, B A (Hons) L L B
Deputy Municipal Commissioner (General), J K Daruwalla, B A (Hons) A S A A
Deputy Municipal Commissioner (Suburbs), A H K Shaikh, B A (Hons), F R C A
Assistant Municipal Commissioner (Suburbs), S M Y Sastri, M A, B L
Special Engineer, N V Modak B E (Bom), M I C E, M I E (India), M I M & Cy, F F R San I (England)
Deputy General Manager, B E S T Undertaking, P R Shivdasani
Chief Engineer B E S T Undertaking, T S Rao
Executive Health Officer, Dr V V Puri, M B B S, D P H, D T M
Deputy Executive Health Officer, Dr G N Kowshik, M B B S (Bom), B Hy (Bom), D P H D T M & H (Part I) (Lond)
Municipal Chief Auditor R V Damania B Com, G D A, A S I A A
Chief Accountant C V Doraiswamy, B Com
Chief Officer Fire Brigade, M G Pradhan, B Sc
Special Officer (Engineering), K B Carnac, B E (Civil), A M Inst C E (Lond), A M I E (Ind)
Estate Agent and Land Manager, N D Barla, B E (Civil), A M I E (Ind)
Solicitor to Corporation, B G Desai, B A (Hons), L L B
Assessor and Collector, G V Aras, B A
Labour Officer, Mrs F A Irani, B A (Hons), L L B, D S S A
Ward Officer (South), G E Pereira, B A, L L B
Ward Officer (North), S R Guru
Test Audit Officer, G V Damle, G D A
Municipal Analyst, V Sadashivan B Sc (Ag), M Sc, A I I Sc
Superintendent, Markets and Slaughter Houses, L M Hira, G B V C
Education Officer, Smt Kapila T Khandwala, B A, B T (Bom), M A (U S A), J P
Superintendent of Municipal Gardens, D I Ahmadi, B Ag (Bom)
Dean, K E M Hospital and Seth G S M College, Parel, Dr R G Dhayagude, M D (Bom)
Dean and Superintendent, Yamunabai L Nair Hospital, Lamington Road, Dr S G Vengsarkar, M D (Bom), F C P S
Dean, Nair Hospital Dental College, Dr V M Desai
Construction Engineer, Vaitarna cum Tansa Scheme, P P Dani, B E (Civil), A M I E, A M I San E (Lond)
Sr Asstt Engineer, 1st Grade, Water Works Department, P J Bhiwandiwalla, B E (Bom), A M I E (India)
Asstt Engineer, (Arch), N P J Bilia, B E (Civil), A M I E (India)
Architect, V N Ambedkar, A R I B A
Asstt Engineer, 1st Grade, D S Thakur, B E (Civil), A M I E (India)
Asstt Engineer, (Drainage), M A Lokhande, B E (Civil) A M I E
Asstt Engineer (Suburbs), N K Gandhi, B E (Civil), A M I E
Superintendent of Licences, Dr G R Pradhan B A, Ph D
Controller of Stores, F D'Souza B E (Civil), A M I E
Election and Town Duty Officer, K R Kelkar, B A
Municipal Medical Examiner, Dr Abdul Hameed, M D
Personal Assistant to the Municipal Commissioner, V G Sabnis, B E (Mech)
Curator, Victoria and Albert Museum, S C Upadhyaya, M A, L L B, D L, Ph D
Lady Municipal Medical Examiner, Dr (Mrs) S G Doshi, M B B S, F R C S (Edin)

SUBURBAN OFFICE (MERGED AREAS)

Waterfield Road, Bandra

The entire administration of the merged areas has been placed under the control of the Assistant Municipal Commissioner subject to the general supervision of the Deputy Municipal Commissioner (*Suburbs*) and the Municipal Commissioner

Asstt Municipal Commissioner, S M Y Sastry, M A, B L
Asstt Accountant, S B Bhide
Dy Assessor and Collector, A W Shanbhag, G D A
Asstt Engineer, N K Gandhi, B E, A M I E
Asstt Engineer, West Division Waterworks, T M Kandawalla, B E (Civil)
Asstt Engineer, East Division Waterworks, K A Mehta, B E (Mech and Elec)
Asstt Supdt of Licences, Shops and Establishments, N J Alvares, M A, L L B
Asstt Supdt of Markets P K Talwalkar
Deputy Executive Health Officer, Dr G N Kowshik, M B B S, B Hy, D P H

MUNICIPAL SECRETARY'S OFFICE

Municipal Secretary, P R Mullaferoze, B Com, F C C S
Dy Secretary, M V B Jayakar, B Sc, J P
Asstt Secretary (Sr), Vacant
Asstt Secretary (Jr), R M Murdeshwar

CHIEF AUDITOR'S DEPARTMENT

Municipal Chief Auditor, R V Damania, B Com, G D A, A S I A A
Deputy Municipal Chief Auditor, Jagannath Parshuram Moele, G D A, G D C A, L S G D

ENGINEERING DEPARTMENT

Mercantile Bank Building, and Bank of India Building, Mahatma Gandhi Road, Fort, Bombay 1

This department is concerned with the administration of private building construction, construction of buildings for the Corporation, disposal of city's sewage and refuse, construction and maintenance of drains and sewers, construction, maintenance, lighting and watering of streets, provision of parks and open spaces for recreation purposes

It is under the control of the Special Engineer who is assisted by a Deputy City Engineer

A special branch has been created for the augmentation of the city's water supply—Vaitarna cum-Tansa Scheme

The Vaitarna scheme is in charge of Construction Engineer (Dam and Tunnel) The Office of the Vaitarna cum-Tansa Scheme is at Mercantile Bank Building

Special Engineer, N V Modak, B E (Civil), M I C E, M I E (Ind), F R San I (Eng), etc
Construction Engineer, Vartarna cum-Tansa Scheme, P P Dani, B E (Civil), A M I E, A M I San E (Lond), A M Am Soc C E
Deputy City Engineer, M K Batlivala, B E (Civil), A M I E
Assistant Engineer, 1st Grade (Building Branch), D S Thakur, B E, A M I Struct E
Assistant Engineer, 1st Grade (Mechanical Branch), N R Junnarkar, B E (Mech), (Bom) Cert I I Sc (Bangalore), A M E E (Lond), A M I E (Ind)
Assistant Engineer, 1st Grade (Architectural Branch), N F J Billo, B E (Civil), A M I E
Assistant Engineer, 1st Grade (Drainage), M A Lokhande, B E (Civil), A M I E
Assistant Engineer, 1st Grade (Suburbs), N K Gandhi, B E (Civil), A M I E
Architect, Greater Bombay, V N Ambdekar, A R I B A, A I I A & Dip in Planning (Lond)
Assistant Engineer, 1st Grade (Planning), S V Desai, B E (Civil), A M I C E (Lond), A M I E (India)
Assistant Engineer, Construction, D C Farasman B E (Civil) A M I E
Assistant Engineer, Maintenance, D C Palekar, B E (Civil)
Divisional Engineers (Building Branch) L S Kadoo, B E (Civil), B M Shah, B E (Civil), R N Deshpande, B E (Civil), A M I E (Ind), V K Chitale, B E (Civil) C Soares, B E (Civil)
Asstt Accountant, 1st Grade (Vartarna cum Tansa) R R Gurjar B A, L L B
Office Superintendent, Dy C E's Office, S B Rajwade
Office Superintendent, C E's Office, Y V Kulkarni
Office Superintendent of Vartarna cum Tansa Scheme R B Pandit

MECHANICAL ENGINEER'S DEPARTMENT

Municipal Workshops, Bombay 8

Mechanical Engineer, Nilkanth Ramchandra Junnarkar
Assistant Engineers, Vyankatesh Govind Lele, Bhagwant Dattatray Dani Vasudeo Raghunath Gadre
Workshops Superintendent Vithal Ramchandra Parulekar
Superintendent Chemist, Laxmikant Parshuram Borkar
Assistant Engineer, Lawrence D Costa
Inspector, Factories, K R Shanbhag

WATERWORKS DEPARTMENT

Head Office *Improvement Trust Building, Napier Road, Fort, Enquiry Office Babula Tank Road*

The head of the department is the Hydraulic Engineer He controls and regulates water supply to the City and maintains all waterworks both inside and outside the City

Special Officer (Engineering), K B Carnac
Assistant Engineer, 1st Grade, P J Bhiwandiwala
Standards Officer, M A Nentin
Assistant Engineers, D R Bhise, R V Abreau, Charles D'Mello A B Parmanand, K A Mehta, T M Kandawala, M S Panday, N R Balsara, M K Lawyer, V J Mistry, T K Santoke
Office Superintendent, M B Nadkarni
Inspectors, N F Madan, G H Desai, P V Bhide, D V Muzumdar, S M Taraporwala B P Shroff E V Alkonde S D Daroga, F J Balsara, M N Gundappa, B R Irani, M N Chinoy, H G Arankhe, S J Dalal, E A Shabazkar, P H Daruwalla, B R Gole, P K Vazifdar, D B Carnac, G Gomes, P P Khajotia, C N Hattarki, D D Mehta, M G Navalkar, S. J Arceiwala, A B Jadav, A K Sheikh, R G Chitale, F A Attarwalla, B G Khubchandani, T D Motwani, K V Shrinivasan, V M Patki, B F Dadachanji, M A Mulla, S Y Bengali, G A Shaikh, K J Vazifdar, Adi F Khan, D N Lalwani

CITY IMPROVEMENT DEPARTMENT

Municipal Offices, Hornby Road, Bombay 1

This department comprises the Improvement Trust for which there is a separate budget and the Estate Agent and Land Manager s Department

The Land Manager's Department deals with the management and disposal of vacant lands, acquired buildings and housing accommodation, it also formulates improvement and development schemes

Deputy Municipal Commissioner (Improvements), L S Kagal, B A (Hons), L L B
Estate Agent and Land Manager, N D Baria, B E, A M I E (India).
Deputy Estate Agent and Land Manager, V L Ghangurde, B Sc, L L B, B E
Assistant Estate Agent (Acquisition), D N Kagal, B Sc B E, A M I E
Assistant Estate Agent (Special), H M Vaidya, B E (Civil)
Assistant Estate Agents, N V Bhatlekar, B E (Civil), D N Kapadia, B Sc, B E (Civil), P A. Umrigar, B E (Civil), R S. Patil, B E (Civil)

PUBLIC HEALTH : CONSERVANCY BRANCH

Annesley Road, off Lamington Road, Bombay 7

Head Supervisor, P D Thakur
Standards Officer, P N Somaya
Assistants to Head Supervisor, S A Wagle (City) D S Rane, (Suburbs)

Ward Offices (City)

A Ward (South), V E Pansare
A Ward (North), K R Bondse
B Ward, G S Dere
C Ward D E Wasker
D Ward P K Joshi
E Ward (East), U G Jad
E Ward (West) B P Joshi
F Ward (South), S N Naik
F Ward (North) S P Mahajan
G Ward (South) N S Walavalkar
G Ward (North) S K Sabnis
G Ward (Central), M P Gadkari
Mahalaxmi Siding, S J Pingle
Supervisor, Chawls Southern Division A K Sha
Supervisor, Chawls, Northern Division V G Pendse
Supervisor House to House Refuse Collection, M N Tahm

Suburbs

Supervisor Bandra V S Nadkarni
Supervisor Ghatkopar, M S Paradkar
Supervisor, Kurla, D V Thorat
Supervisor Andheri K V S Iyer
Senior Veterinary Inspector, V V Nabar

BOMBAY VACCINATION DEPARTMENT

Near Parel Tram Terminus

Ag Superintendent—Dr R D Kelkar, M B B S, B Hy *Head Clerk*—V D Godse *Head Vaccinator*—S S Thakur

Vaccination in the City of Bombay is performed with preserved lymph free of charge as under, between 8 and 10 30 a m (S T)—In the cases of the Infant Welfare Centres Naigaum Arthur Road Hospital, Vaccination is done from 3 p m to 5 30 p m and 4 p m to 6 p m respectively

Monday—(1) Municipal Marathi School, opposite Mogal Musjid, Imamwada Road Umerkhadi (2) Municipal Marathi School, A Building, Shroff Wadi, Mount Road, opp Post Office Mazagon (3) Municipal Marathi School No 53, Colaba Road (4) Wadia Dispensary, Sitladevi Temple Road (5) Municipal Gujarati Central School above Bhuleshwar Market (6) Madhavrao Rokade School, Mandvi

Tuesday—(1) Municipal School, opposite Round Temple, Null Bazar, Kumbharwada (2) Municipal Marathi Boys and Girls School, near Tram Junction, Lalbaug, Parel (3) Naapada Neighbourhood House, No 109, New Nagpada Street, near Old Parsi Statue (4) Infant Welfare Centre, DeLisle Road, B D D Chawl No 31 (5) 788, Hames Road, Municipal Marathi Boys School

Wednesday—(1) Municipal Gujarati Girls' School 31, Nagdevi Street (2) Municipal Marathi School, 48, Clerk Road, near Jacob Circle Post Office, opposite Bomanji Petit s Mill (3) Municipal Dispensary at B D D Chawl No 45, First Pakhadi, Worli (4) Marathi School, Sewri New Road, Golanji Hill, Raoji Sojpal Chawl (5) Municipal Marathi Boys School at the Junction of Kandewadi and Girgaum Road No 173, Girgaum Road (6) Municipal Marathi Boys' School, No 119, Dady Sheth Agiary Lane

Thursday—(1) Gratuitous Dispensary, Raveline Street, Hornby Road, Fort (2) The District Registrar's Office, No 8 District, Batliwala s Dharamshalla, corner of Balaram Street and Foras Road (3) Municipal Marathi School, Vadala, Naigaum Road (4) Municipal Gujarati School, Dharavi, Kumbharwada (5) Municipal Marathi School, Tardeo Bridge, near Tardeo Tram Terminus (6) Souter Street, District Registrar s Office, No 7 (7) J J Hospital out-patients Department

Friday—(1) M N Petit s Charitable Dispensary, opposite Wilson High School, Khetwadi Main Road (2) General Educational Institute Boys' School, Akshikar Street, South of Tilak Bridge, Dadar (3) Municipal Marathi School, Ghorapdeo Road, Mazagon (4) Napu Hall, Telang Road, Matunga, G I P Rly (5) Infant Welfare Centre, Naigaum From 3 p m to 5-30 p m (S T) (6) Chinch Bunder Marathi Boys School (7) 17, Benganga Road

Saturday—(1) Shankersheth s Temple, Nana s Chowk, Tardeo Road, near Grant Road Station (2) Jafferbhoy Rahimtulla Urdu School, Sandhurst Road, Umerkhadi (3) Municipal Dispensary, New Parbhadevi Road and Cadell Road Junction (4) Infant Welfare Centre, Wadi Bunder, Port Trust Chawl, Belvedere Road (5) Municipal Dispensary, Parel Tank Road, Ambewadi (6) Worli Koliwada Municipal Marathi School, Worli

Sunday—(1) Seth Varjivandas Madhavdas Charitable Dispensary, near Railway Station, Sion (2) Balmohan Vidyalaya, Shivaji Park (Temporary)

Daily - Central Vaccination Depot Junction of Elphinstone Road and Suparibag Road Poibavdi Parel from 7 30 a m to 5 30 p m (S I) on Sundays and Holidays from 7 30 to 10 30 a m Sanitary Institute Princess Street Dhobi Talao from 8 to 10 30 a m and 2 30 to 5 30 p m on Sundays and Holidays from 8 to 10 30 a m only Arthur Road Hospital 4 to 6 p m on Sundays and Bank holidays

For further particulars with respect to Vaccination at private residences apply to the Superintendent of Vaccination Suparibag Road Poibavdi Parel Telephone No 60302

Lymph can be obtained on cash payment at the Central Vaccination Office Suparibag Road Parel or at the Municipal Offices opposite Victoria Terminus from Monday to Friday between 11 a m and 5 p m (S I) and on Saturdays from 11 a m to 2 p m (S I) except on Sundays and Holidays

If the Public wish to vaccinate at their own houses the operator's charges, as fixed by the Municipal Corporation are as follows -

(*a*) If the operation is performed by the Superintendent of Vaccination the fee will be Rs 10 for the first person and Re 1 for each additional person operated on

(*b*) If the Head Vaccinator operates the fee will be Rs 5 for the first individual and annas 8 for every succeeding individual operated on

(*c*) If a Public Vaccinator operates the fee will be Rs 3 for the first person and annas 4 for each additional person operated on

Note - Charges for lymph are additional at 4 annas per dose for each person vaccinated

THE LICENCE DEPARTMENT

Improvement Trust Building ~ Napier Road Fort Bombay 1

This department deals with licensing control of advertisements control of hawkers and the removal of encroachments For licences the city is divided into 26 sections each under an Inspector For advertisements the city is divided into 8 sections also under Inspectors The whole branch is under a Superintendent of Licences with two Assistants

There are five Ward Offices for licences and advertisements *viz* A Ward 7 Napier Road Wards E and G Cuzon Street Null Bazar D Ward Cowalla Tank Bombay 7 F Ward Sandh Street Wards B and C Elphinstone Road

There are two Ward Offices for the control of hawkers and removal of encroachments *viz* School Supervisor and Forty Supervisors Nos 1 and 2 Cuzon Street Null bazar Office of the Forty Supervisors Nos 3 to 6 Sankh Street Bombay

Superintendent of Licences Dr C R Pradhan B A LL D
Assistant Superintendent of Licences N S Khanka B A
Assistant Superintendent (Encroachments) N M Heeems B A

THE ASSESSMENT AND COLLECTION DEPARTMENT

Municipal Office Hornby Road Bombay 1

There is a central office and seven ward offices (A to G) for the City and a Central office at St Martins Road Bandra and 4 ward offices (H K L M and N) The Department is concerned with the determination of rateable values and the preparation of bills in respect of property taxes wheel tax water tax etc

The addresses of the Ward Offices are as follows A Ward Improvement Trust Bld Napier Road Fort B Ward Babula Tank Road C Ward 208 500 Princess Street D Ward Gowalia Tank Road E Ward Sankh Street F and G Wards Near Municipal Market Elphinstone Road H Ward Waterfield Road Bandra K Ward Nehru Road Vile Parle L and M Wards Pipe Road Kurla N Ward Tawdhar Road Chatkopar

Assessors and Collectors G V Ale B A C A Vyavaharkar, B A, (*4 q*)

Dy Assessor and Collector (City) L N Mehta B A

Dy Assessor and Collector (Suburb) A W Shanbhag A D A (*4 q*)

Asstt Assessors and Collectors R Natesan M A LL B, R K Athalye, B A G V Gavankar B A G C Jadhav J H Acharya, B A, Syed Husain Sultan (*4 q*) R B Walavalkar (*4 q*)

Standards Officer N S Shirodkar B A (Hons)

SHOPS AND ESTABLISHMENTS DEPARTMENT

Improvement Trust Building ~ Napier Road, Fort, Bombay 1

The department sees to the administration of the Bombay Shops and Establishments Act of 1948 It is under a Chief Inspector The department is also responsible for the levy and collection of the tax There are eight Ward Offices, *viz* Ward A 1st Floor Fort Market Mint Road B and C Wards 1st Floor Crawford Market D and E Wards Fire Brigade Compound Cowalla Tank Ward F Dadasaheb Phalke Road Ward G Dhuru Hall, Chabildas Road Dadar

Chief Inspector Shamrao Ghansham Redkar, B Sc LL B

Senior Inspectors Abdul Qadir Abdul Rahim Munshi B A (Hons) Shivshatan Gordhandas Patel B A LL B Vasant Bhagwantrao Purohit B A Gulam Mohd Kutu Rawat I A Kamlakar Atmaram Karnil M A LL B Sanjiv Anant Pai B A, Abdul Razak Mohd Siddique Patel B A LL B Nissim Abraham Reuben B A LL B Augustine Carvalho B A (Hons) Marcus De Souza Louzado B Sc Krishnarao Ramrao Vaidya M A

Junior Inspectors Kamruddin Mohamedbhoy Merchant, M A, LL B Narhar Ramchandra Patankar M A B Sc, Madhusudan Dattatrya Ranadive B A Dattaram Bhau Mayekar B A Raghunandan Ramrao Bijoor B A LL B Damodar Ganesh Patwardhan, B A, Nazeah Mushtaquali Syed M A I S C D Narsinha Gajanan Rege M A Palkrishna Maganlal Trivedi B A (Hons) Kamruddin Ahmed Mulla B A Shrikrishna Dattatraya Bendre LL B, Yashwant Ramrao Mhatre P A (Hons) I S C D Jafarali Hasanali Merchant B A Ekanath Venkoji Rangnekar B A Dattatraya Laxman Kalzunkar B A Dinkar Vaman Samant M A, Vasant Raghunath Sirsat B A (Hons) Nivrutti Dhulaji Bhandare B A, Ramchandra Raghunath Desai B A I S C D Waman Vishwanath Joglekar M A Mohd Yusuf Shaikh M A Ishak Fadak Varon B A (Hons) Gajanan Parashuram Javade B A (Hons)

MARKETS AND SLAUGHTER HOUSES DEPARTMENT

Crawford Market Hornby Road Bombay 1

There are 38 Markets in the City out of which 21 are owned by the Municipality The Municipality also maintains the Bandra Slaughter Houses and the Pork Slaughter House at Arthur Road One Slaughter House is licensed for slaughter by jatka process for sikhs Jats etc at Arthur Road A new cold storage plant attached to the Crawford Market started working in October 1950

Superintendent of Markets and Slaughter Houses I M Hira
Chief Inspector V G Sukhtankar
Temporary Cashier K V Bele
Head Inspector S A Malondkar
Head Inspectors Y S Wakalkar V S Desai
Temporary Head Inspector (Special) Sk Usted Sk Abdulla
Senior Assistant to the Superintendent of Markets and Slaughter Houses, Gulam Mohomed Ahmed
Veterinary Inspector G I Sabnis Victor Perera
Veterinary Assistants Milton Fernandes R C Dharwadkar
Ag Veterinary Assistants R D Dabolkar D M Babu

THE STORES DEPARTMENT

Central Stores 566 De Lisle Road Byculla Sub Depot Ballasis Road Byculla

The Department purchases articles stores etc required by the Corporation

Controller of Stores Franklin D Souza B A (Cantab) A M I E
Dy Controller of Stores I S Nabar
Assistant Controller of Stores D S Nagarkatte
Assistant Controller of Stores (Tech) I V Nunis B A, LL B

MUNICIPAL FIRE BRIGADE

Headquarters Byculla Bridge Telephone Nos 290 4 lines 7277, Direct Line

Chief Officer Fire Brigade M G Pradhan B Sc M I Fire E
Dy Chief Officer Fire Brigade (City) S G Vengsarkar, B A, M I Fire E
Deputy Chief Officer (Suburb) Mubarak Sing Kesarsing
Second Officer Fire Brigade Capt Syed Mehmud Shah

Fire Brigade Stations

Headquarters Byculla Bridge *Officers* V G Pawar, R B Karma V B Nikam, I Sc G S Salvi
Alexandra Docks Frere Road *-Officers* G Resquinha A K Y Siddiki B A (Hons)
Gowalia Tank, Gowalia Tank Road, Gamdevi *—Officer* P T Samant
Sewree Cotton Depot, Sewree *— Officer* B L Patankar
Fort Gunbow Street Fort *Officers* S Fredilis S M Udiawar
Colaba Thomas street Colaba *—Officer* J M Jacob
Shivaji Park, 2nd Shivaji Park Road *—Officer* S V Shilotri
Dadar Vincent Road *- Officer* B G Sawant
Memonwada Sandhurst Road East *Officers* S B Jog, I S D Mehervanji G N Shetgeri P Sc
Mandvi Sandhurst Road East *—Officer* A S Kulkarni
Worli, Annie Besant Road *Officer* D P Vaidya

MUNICIPAL FIRE BRIGADE AMBULANCE SERVICE

Fire Brigade Headquarters, Byculla Bombay No 8

Ambulance Services for Maternity Cases (Free)
Ambulance Services for Street Accidents (Free)
Ambulance Services for all other medical cases (Rs 6 for the first hour or fraction thereof and Rs 3 for each succeeding ½ hour or fraction thereof)
Hours of work -24 hours
Telephone No 296 for street accidents
Telephone No 41744 for other purposes

MUNICIPAL HOSPITALS

Dean, Govardhandas Sunderdas Medical College and King Edward VII Memorial Hospital, Dr R G Dhayagude, M D (Bom)
Asstt Dean, K E M Hospital, Dr V V Jadhav, M B B S
Acting Medical Supdt, Arthur Road Hospital, Dr R G Modak, M D (Bom)
Medical Supdt, Group of T B Hospitals, Sewri, Dr M S Kawarana, M B B S, L C P S, D M R E (Cam), T D D (Wales)
Dean and Supdt, Bai Yamunabai L Nair Charitable Hospital and Topiwala National Medical College, Dr S G Vengsarkar, M D (Bom), F C P S (Bom)
Dean, Nair Hospital Dental College, V M Desai, F D, F R C S, D D S, F I C L
Supdt, Municipal General Hospitals, Sion, Dr S V Joglekar, M S, F C P S (Bom)
Asstt Medical Officer, Dr M Menezes, M B B S
Physician Dr D D Vora, M D (Bom) F C P S (Bom), M R C P (Lond)
Surgeon, Dr S H Chitnis, M S (Bom)
Obstetrician, Gynæcologist, Dr B V Aroskar, M D (Bom)

PRIMARY EDUCATION DEPARTMENT

Municipal Offices, Fort, Bombay 1

The Education officer is the executive Officer of the Department subject to the general supervision and control of the Commissioner and the Education Committee Under the Education Officer there are Superintendents entrusted with the inspection of schools There is also a Special Attendance Officer whose duty is to enforce the attendance of children of school going age For this purpose he organizes a census of children of school going age and prepares registers of children who though of school going age do not attend schools

Education Officer, Kapila T Khandawala, B A, B T (Bom), M A (U S A), J P

THE GARDENS DEPARTMENT

Victoria Gardens, Bombay 27

The Corporation maintains a number of gardens, bandstands, public parks and rockeries in the traffic islands of the city in all there are 92 sites in the care of the Gardens Department The principal Gardens are the Victoria Gardens the Sir Pherozeshah Mehta Gardens and Kamla Nehru Park on Malabar Hill, the Children s Park along Ridge Road, the Joseph Baptista Gardens on the Bhandarwada Reservoir on the Mazagaon Hill In all there are 11 gardens, 9 small gardens and open spaces, 45 recreation grounds, 12 play-fields, 4 fountains, 4 Strips of Box Hedges and 7 traffic islands Among the playgrounds the most important are the Mustan Shah Tank, the Reynolds Road, the Willingdon Memorial Playgrounds and the playground at 2nd Peer Khan Street They are provided with gymnasium apparatus An Akhada or Wrestling Pit has also been provided at the Willingdon Playground at Souter Street

Superintendent Municipal Gardens, D I Ahmadi
Asstt Superintendent (Zoo), Municipal Gardens, J N Barowa
Asstt Superintendent (Bot), Municipal Gardens, G S Hegde

ELECTION BRANCH (ELECTION AND TOWN DUTY DEPT)

Improvement Trust Building, Napier Road, Bombay 1

The Election and Town Duty Department attends to the preparation of the supplementary Municipal Election Rolls and By elections, while a temporary Election Department is created for the preparation of the Voters' lists, Electoral Rolls and for the conduct of General Elections, under the Election and Town Duty Officer, for a period of about 11 months, every four years

Election and Town Duty Officer, K R Kelkar, B A

B.E.S T UNDERTAKING

General Manager, J P L Shenoy I C S
Deputy General Manager, P R Shivdasani, A C G I B Sc (Eng), London, M I C E, M I E (India)
Commercial Manager, K D Bharucha, A C A, A I C W A
Controller of Stores, R M Shah, M Sc, L L B
Chief Engineer (Supply), T S Rao, B E (Mech), M I E (India), M I A E (Lond)
Transport Manager, Lt Col S C Ghosal, M A, A I T (Eng), A I T A
Internal Auditor, M C Chudawalla, A C A
Distribution Engineer, A F Lockley, M I E (India)
Services Engineer, M B Lukmani
Chief Accounts Officer, K C Tijoriwalla
Traffic Manager (Trams), J M Gandevia
Traffic Manager (Buses), C D Jeffereis
Transportation Engineer, N Balkrishna, B Sc (Engg), M I R T E (Eng)
Executive Engineer (Way & Works), R S Reuben, A M I Struct E (Lond), struct E (Lond), A R I B A (Lond) (*Ag*)
Personnel Officer, F P Fernandes, B A (Hons)

BOMBAY CHRISTIAN BURIAL BOARD

Electric House, Fort Sewri Cemetery, Bombay 15

P B Nayak, I C S (Municipal Commissioner), *Chairman*
A F Lockley, M I E, A I E E, *Honorary Secretary, Electric House, Fort, Bombay*
H Lawghlin, *Clerk in Charge, Sewri Cemetery*
A E Inglis, *2nd Clerk, Sewri Cemetery*

MEMBERS

The Venerable the Archdeacon of Bombay
The Chaplain of the Cathedral
The Chaplain of Colaba
The Minister, the Church of Scotland
The Chaplain of Byculla
The Chaplain of Holy Name Church, Wodehouse Road
The Chaplain of St Anne's Church, Mazgaon

The members of this Board are appointed by the Local Government, for the management of Sewri Cemetery, for which purpose they have certain powers conferred on them including the licensing of Undertakers and Sculptors

HONORARY PRESIDENCY MAGISTRATES AND JUSTICES OF THE PEACE FOR BOMBAY

JUSTICES OF THE PEACE

(WITHIN AND FOR THE LOCAL AREA COMPRISED IN GREATER BOMBAY)

Adavi, V N, B A
Bakhle, D S, I C S
Bambawale B A, I C S
Basu, S C
Bedekar, G V I C S
Bhansali M D, I C S
Bharucha, K B, Ph D, Bar at Law
Bhate K G B E, A M Soc C E, A M I E (Ind)
Bulsara N C
Chakravarty, Capt, A
Champhekar M L, I S E
Chari V V
Chaudhari, S L I L B
Chudasama, M M, I P
Collins Capt (E) A B
Crone, J I P S
Damry, P N M A (Oxon)
Dayal Sambhu B A (Hons)
David Capt R S
Dehejia, V F I C S
Desai, S G B A
Dhurandhar J R, I L B
Dias A I I C S
Dravid, N K, I C S
D Souza, C F
D Souza, J B I A S
Everett, C W
Francis I J, M A (Oxon)
Gholap I T I C S
Ghorpade R B
Gidwani V J, I C S
Gupta, B N
Gupta, K B
Hamid, M, M I V (Ind), A M I F E, M R San I
Hoble, M N I A S
Heredia F J, I A S
Hiri, H P B A
Iyer M G, B A
Jadhav, M K I A S
Jehangir, Dara
Joshi, D S I C S
Joshi V M, I C S
Kadam Bande, N R
Kamte N M, I I
Katarki, R I, I L B
Kochar, B K
Lad, P M, I C S
Mahida U N, B E, M I E (Ind), I S E
Mahta, D N, B A, F R S A
Malek R M B A
Matapurkar G R, B A
Mathalone, R, B A, L L B (Cantab), Bar at Law
Meher, M R I C S
Mehta H S M B B S, F C P S
Mirchandani, B D, I C S
Mirchandani, M G
Mirchandani, I J, M Sc (Lng), M I E E
Mohanlal Major C
Musran, K P
Nadkarni, P S, B A (Hons)
Nadkarni S G
Nayak P R, I C S
Orr, J W
Palekar, S B, B A (Hons), L L B
Pandya, C S, I P S
Pardasani, N S, M A, B E S (I)
Parpia Y R I C S
Patel B K, I C S
Patel, R V
Patel S G
Patil, M S, L L B
Pattanaik, H M, B A
Pinge D R
Pradhan D R, I C S
Pradhan S G, I C S
Punjabi, K I, I C S
Raddi G R M A (Lond)
Rahimtoola S J, B A, L L B Bar at Law
Raman, A K, M A, I A & A S
Robb W M
Sadhwani H T, I A S
Samarth, R N, B A (Hons) (Bom and Lond)
Sarela, A S, L L B
Sarma, R S
Sattanathan, A N, M A
Sen, K C, I C S
Sethna, M D, B A, B Sc
Setna, S B M Sc, Ph D (Cantab), F N I
Sheode, S K, B A, L L B
Simoes, H
Swaminathan, T, I C S
Tanksalwala, M R
Thakore, H K, B A, L L B
Trilok Chandra
Trivedi, R S, I C S
Vesuvala N A, B A, I L B, Attorney at Law
Wagh, M G, I P
Welinkar, R N B A (Hons) (Oxon)
Yardi M R I C S

HONORARY PRESIDENCY MAGISTRATES AND JUSTICES OF THE PEACE

Abba Abdul Gani
Abdullah, Ahmed Haji
Abraham, Walter
Acharekar, Rajaram Kashinath
Adenwalla, I H
Advani, Durgadas B
Ahirekar, Anant Vithal
Ahuja, Dr Kumari Kamala J
Alva, Smt Violet
Ambalal Kilachand
Amin, Bhailal G
Amin, Keshavchandra Shankarbhai
Amore, Dennis Lawrence
Amroha, Jal Dhunjishaw
Anande, Dr D L
Annegiri, Smt Seetabai
Arsiwalla, Abdulhussein Issaji
Ashar, Bhagwandas K
Ashar, Haridas N
Azami, Mohammed Kasih ullah
Baddeley, Thomas Vaughan
Bajan, Ervad Jal A
Bakhle, Shrimati Meenaxi
Balasubrahmanyan K
Bamji, Major Sohrab R
Bandukwalla, Esakbhai A
Banerji, Shib Chandra
Banker, Smt Lilavati
Barodawalla Abdulhasanein Salebhoy
Baxi, Prataprai Krapashankar
Beg, Hakim Mirza Haidar
Bhagwati Shyamlal Harlial
Bhansali, K M
Bharucha, Adam Musa
Bharucha Kumari Piloo Darasha
Bharucha, Maneckshaw Dossabhoy
Bharucha, Meherji Rustomji
Bhat, Jivanlal Ramji
Bhatt, Prabhashankar Ramchandra
Bhatt, Smt Shantagauri M
Bhau, Bhaskarbhai Jamnadas
Bhimjee, Roshen Ali
Bhonsle, Ganpatrao Motiram
Bhoosarath, Vithal Rajaram
Bhujbal, Balkrishna Babulshet
Bhujpuria, Khimji Madon
Bhuta, Gopalji Mulji
Bhuta, Vithaldas Purshottamdas
Billimoria, Maj Nusserwanji Pirojshah
Bilpodiwala, Dr M C
Birje, Madhav Narayan
Bode, Dastur Framroze Ardeshir
Bodhe, Janardan Ganpatrao
Bodhe, Smt Usha Janardan
Boyce, Smt Piroja Sorabji
Bramble, Courtenay Parker
Brown, James Alexander
Buch, Chandrashankar Amratlal
Bulchandani, Kishinchand M
Bury, Leonard Rupert
Chandavarkar, Smt Vatsalabai
Chabria, Karamchand Jamnadas
Chada, Salig Ram
Chamani, Dr S K
Charandas, Megji Mathuradas
Chatrabhuj, Liladhar
Chatriwalla, Abdulhusein G C
Chaturbhuj, Gordhandas V

Chaudhari, A L
Chellaram, Lokumal Kishinchand
Chidambaran, T V
Chinai, Panalal Maneklal
Choksey, Vrajlal S
Chopra, S R
Clarke, Amos Cyril
Contractor, Dawoodbhai Esufalli
Contractor, Framroze Sorabji
Contractor, Smt N D
Cooper, Peshotan Framji
Cooper, Ratan B S N
Currimbhoy, Gulamali F
Currimbhoy, Smt Zarina Ebrahim
Currimjee, Jeewanjee
Currion, Fredrick Joseph
Dabholkar, Laxmikant Shantaram
Da Costa Dr Antonio Rosarino
Dahanukar, Smt Nalini
Dalal, Jayant Shivlal
Dalal, Sunderlal B
Damle, Dattatrey Ganesh
Dandekar, Dr L R
Darukhanawalla, Fazalehusein E
Davavala, Vithaldas G
Dave, Chimanlal Manecklal
Dave, Hiralal Aditram
Daya Nanji Virji
Dayal Smt Babiben M
Dayal, Khatau G
Dchejia Smt Tarunica V
Desai, Chandrakant Mohanlal
Desai, Ganpatishankar Naranji
Desai, Gunvantrai Dhirajlal
Desai, Krishnaprasad Chhotalal
Desai, Smt Maniben N
Desai, Smt Nirmala N
Desai, Ramchandra Mahadeo
Desai, Shantanu Nanubhai
Deshpande, Madhav Krishna
Devrukhkar Dattaram Dhondopant
Dewjee, Gulamhusain H A
Dhalla, Burjor Dadabhoy
Dharamdas H Jivandas
Dharamdas Hargovandas, Smt S
Dharamsey, Ashruff
Dharamsey, Mohomed Jaffer
Dhirajlal Sitaldas
Dhoble Dattaray Amrit
Dholandas Vahram
Dias Milagres Francis
Divetia, Smt J
Dongerkerry, Smt Kamalabai S
Doodhamal, Rusi Cooverji
Dossa, Jamnadas Ramdas
Dubash, Noshir Jehangir
Dubash, Phiroz Darabshaw
Dubash, Rustomji Darabshaw
Dwarkadas Chapsey
Eastley, Charles M
Ebrahim, Ramzanally P
Engineer, Hormusji Jehangirji
Engineer, Kumari Bhicaji A
Fairbrass, Edward William.
Fazalbhoy, Husein Allmahomed
Fazalbhoy, Mahomed Akbar
Fazalbhoy, Muhammad Hassan Abdulla
Fazalbhoy, Yosufali Abdulla
Fazulbhoy, Mohomedali G
Ferreira, D
Fitwalla, Abdul Khalik Ibrahim.
Futnani, Doongermal B
Gandhi, Himatlal Varjiwan
Gandhi, Smt Kamal R
Gandhi, M P
Gandhi, Ratilal Mulji
Gandhi, Vadilal Chatrabhuj
Gandhy, Adi Peshotan
Gangasingh, Sardar
Gardiner, Clarence Richard
Gareh, Marco Fortune
Gebbett, Harold Frank
Gharpure, Anant Vishwanath
Ghaswalla, Harkisondas Laxmidas
Gheewalla, Ochhavlal H
Ghia, Shrimati Chanchalbehen Maganlal.
Ghose, Niren Nath
Gobindsingh Hassasingh
Gokhale, R G
Gokuldas Ranchoddas
Gole, Yeshwant A
Golwala, Eruch R
Gomes, Dr Arsenio
Gore, Smt Susheela
Gubbi, Nagoo Srinivas
Gupta, Ramprashad K
Gupta, Tarachand K
Gwilt, E Leslie C
Haji, Gulam Mohomed Ismail
Hansotia, Pestonji Cawasji
Hansraj Rattansey
Hardcastle Charles Henry
Hardikar, Ramkrishna K
Haridas Gopaldas
Harkisondas Lukhmidas
Harris Roy Edward J
Harrison Norman Mansfield
Hate, Smt Chandrakala
Herring, Edgar John Cruickshank
Hinduja, Parmanand D
Hiranandani Divanimal Hardasmal
Hirlekar, Smt Yamunabai
Hussain Syed Altaf Syed Lutuf
Hutheesing, Smt Krishna
Idris Mohamed Amin M
Injamuri, Bhoomayya V
Irani Rekhishru R
Ismail, Smt Fathema
Ismail, Haji Hasham Haji Moosa
Ismail, M H
Issa Dadabhai Haji
Issaque, Mohomed
Issaque Smt Zubeida M
Jagirdar Natwarlal B
Jagtap Mansingrao
Jafrazbhoy, Hassanally Cassamally
Jaisinh Vithaldas
Jalundhwala, Ramanlal Chhotalal
Jalundhwalla, Shrimati B C
Jambotkar, Gajanan Hari
Jariwala, Lallubhai C
Jasdenvala, Abdullabhai Adamji
Javeri, Navnitlal C
Javkar Dattaram B
Jaykar, Madhukar V B
Jejeebhoy Sir Jamsetjee
Jhaveri, Nanubhai K
Jilkar Mallu Rajaram
Joshi, Smt Indirabai
Joshi Dr Mahadev Dhattatraya
Joshi, Prabhushankar V
Jumani, Ali Mohamed Hafiz K
Jumani, Jairamdas N
Kabbur, Krishnarao Hanmantrao
Kaderbaksh S Mohameddin Haji
Kagalwala, Prabhudas K
Kailass, Narain Narorala
Kaji, Ashok Hiralal
Kajiji, Mahomedbhai Abdulkayum
Kajrolkar, Ramchandra Sadoba
Kaka, Manock N
Kalewar Madhukar
Kalidas, Smt Sulochana Amritlal
Kamdar, Bhagwandas Morarji
Kanhere Laxman H
Kanji, Gulam Hussain Jafferbhai
Kanthawala, Emran Tybally
Kanthi, Govind Shankar
Kapadia, Babubhai Motiram
Kapadia Framroze Pestonji
Kapadia, Gopaldas P
Kapadia, Pestanji P
Kapadia, Sunderdas Purshotam
Karanjia, Nanabhai Dadabhai
Kavarana, Minocher Rustomji
Khadilkar, Yeshwant K
Khaire, Ramchandra Anaji
Khaitan, Radhakrishna Sagarmal
Khakhar, Babubhai Vithaldas Madhavji
Khakhar, Dr Hasmukh Maganlal
Khalifa, Ziauddin
Khambaty, Hatim A
Khan, Hamidali Mahbubali
Khan, Mohamed Azim
Khandalawala, Shrimati Dina D
Khandelwal Jankidas B
Khandelwal, Ramprasad R
Khandke Dattatraya N
Khandwala, Smt Kapilaben
Khandwala, Navin T

Khandwala, Smt Usha K
Khandwalla, Kanta Dhirajlal
Khanna, Ramchand Keshavlal
Kharegat, Rustam Merwan
Khata, Dharamdas Bhogilal
Khatau, Tricumdas J
Khatkhatay, Shaikh Mohamed
Khiani, Chandanmal M
Khimji, Bhawanji Arjan
Khimji, Karsondas Tulsidas
Khimji, Tokarshi Jivraj
Khira, Himmatlal Narshidas
Khona, Manekji Velji
Khona, Tricamji Damji
Khorakiwala, Fakhruddin T
Khorana, Nanak Chandra
Kirpalani, Smt Guli H
Kooka, Minocher Darashaw
Korgaokar, Vasudeo Balkrishna
Kotasthane, Krishnarao Moreshwar
Kothari, Ratilal C
Kothawala, Lt Col J D
Kshirsagar, Dyndeo Shantaram
Kudpi, Bhujangrao
Kulkarni, Gopalrao Ramchandra
Kulkarni, Pandit Bhaskar
Kulkarni, Rabindranath Narayanrao
Kundanmal, Shrimati Devi H
Ladiwala, Jamnadas K
Lajan, Ramji Ravji
Laljee, Vrajlal V
Lalji, Gulamhussain Habib
Laljee, Gulamhussein N
Lalwani, Shrimati Kikiben
Lam, Bapuji D
Lobo, Smt Ursula Mary
Maccoll, Harry Campbell
Macmull Isaac
Mahadeshwar, Sakharam Babaji
Mahashabde, Govind Balkrishna
Mahimtura, Dr Mitrasen Gajanan
Maitra, Jagadish Chandra
Makani, Ibrahim Abdulla.
Malelu, J S S
Manchanda, Harish C
Maneklal Premchand, Smt Tarabai
Mantri, Krishnaji Tatoba
Mariwala, Vallabhdas Vasanji.
Marwah, Harbanslal M.
Mascarenhas, Francis Dennis
Mathuradas Dwarkadas
Mathuradas Haridas Damodar Anandji
Mathuria, Jagmohandas Lallubhai
Mehdi, Rajabali Kassam
Meher, Shankar Haribhau
Mehra, Ramdas J
Mehra, Ramprakash R
Mehta, Framroze Hormasjee
Mehta, Jabirbhai B
Mehta, Jasvantray G
Mehta, Manilal V
Mehta, Kanval K
Mehta, Ratilal Bechardas
Melmane, Rama Rao
Merchant, Bachubhai Thakordas
Merchant, Haridas N
Merchant, Dr Jamnadas J
Merchant, Yahya Cassumji
Mhatre, Parshuram Atmaram
Miaji, Yusuf R
Mirani, Hansraj Jivandas
Mistry, Rahim Karim
Mitchell, Peter
Mithaiwala, Bhailal M.
Modak, Smt Laxmibai
Modi, Shrimati Sulochana M
Modi, Surendra Manilal
Mody, Ratilal Chhotalal.
Moloobhai Ismail Alimahomed Goolamhusein.
Moolji, Govindji R
Moraes, J I C
Morarji Gordhandas Goculdas
Motilal Tapuriah
Motwane, Nanik Gyanchand
Mulji, Dulabhdas
Mulji, Ratansi
Mydeo, Vasudeo Govind
Nadirshah, Erach A.
Nadkarni, Sadashiv Pandurang.
Naganath Sayaji
Nagvekar, Vishwasrao Mahadeorao
Naik, D R
Nakhuda, Haji Ahmed
Nanavati, Hiralal Thakordas
Nanavaty, Someshchandra Manilal
Nanjee, Shrimati Jayavati Pranlal D.
Naravane, Kashinath Ganesh
Narayana Rao, T
Narsi, Muljibhai Vishram
Natalwalla, Allyhusain Adamji
Nathani, Sultan Alladin
Naval, Jerajani
Navalkar, Laxuman Moroba
Nayen, Balkrishna Ramchandra
Nazar, Mahomadali Dawood Haji
Nensi Bhojraj
Nikaljay, Smt Tarabai
Nimbalker, Yeshwantrao G
Nimkar, Dattatraya G
Oak, Dr Shridhar Vithal.
Oliveira, Frank
Oomrigar, Dinshaw C
Oza, Gabharubhai Jivabhai
Oza, Indravadan
Pai, Nagnath Vasudeo
Pai, Venkatraman Ananth
Pakvasa, Arvind Mangaldas
Pandit, Atmaram Bhaskar
Pandit, Ramkrishna H
Parekh, Mathuradas M
Parekh, Jayantilal L
Parikh, Chimanlal Bapalal
Parikh, Chimanlal Motilal
Parikh, Nathalal Dahyabhai
Parmanand Karsondas
Partapsingh, Dr S
Pastakia, Rustom Hormusjee
Patani, Mahesh Anantrai
Patel, Bhogilal H
Patel, Chhotabhai Shankarbhai
Patel, Dahyabhai Vallabhbhai
Patel, Jal Ratanji
Patel, Motibhai Lakhabhai
Patel, Nariman E
Patel, Pralhad K
Patel, Kumari Tehmina Edulji M
Patel, Rustom Edulji Manekji
Patkar, Sitaram Ramchandra
Patki, Janardan Ganesh
Patwa, Venilal Narottamdas
Pavri, Dr Homi Framroze
Pavri, Hormusji F
Pavri, Dr Rattanshaw Kaikhasru.
Pereira, Wilfred E
Phadke, Shrimati Leelabai V
Phansekar, Rajaram Ramchandra
Pingle, Sadashiv Anant
Podar, Keshavdeo Ramnarayan
Poddar, Ghanshyamdas Sitaram
Pointon, Herbert Vincent
Poonager, Nasserwan H
Poonjiajee, Jehangir J M
Popat, Dr Mohanlal B
Potia, Fidaally Mohamedally
Pradhan, Smt Champubai, D
Pratapsingh, Shoorji Vallabhdas
Pratapsinh Mathuradas
Premji, Mahomed Hussein Hasham.
Pundikar, Ramchandra V
Pupala, Narsingrao Chinappa
Pupala, Parshuram S
Purav, V N
Purshottam Kanji
Purshotamdas Ishwardas Lukhmidas.
Rahimtullah, Fazal Ibrahim
Raiji, Shrimati Jayashri
Raja, Hargovind Rugnath.
Raja, Tribhovandas J
Rajadhyaksha, Dr Bhalchandra Hari.
Raje, Purushottam Ramchandra
Rajput, Jamnadas M
Ramalingam, A. C
Rane, Vamanrao N
Rangwala, Yahya E
Rao, Manjeshwar Sanjiva
Rao, Mudbidri Balkrishna
Rao, T Narayan
Rao, V G
Ratanchand Hirachand
Ratansi Champsi

Rattansey, Devji
Reuben, Smt R
Rodrigues, Shrimati B Leo.
Roowala, Mulla Sharafali A.
Ruia, Ramnivas R
Ruparel, Narandas J
Sabnani, Purshotamdas H
Sakranev, Lalchand W
Safiyuddin, Salebhai Saheb
Salebhoy, Abdul Kadar
Salvey, Gajanan Sadashiv
Salvi, Pandharinath Mahadeo
Samant, Narayan Daji
Sanghavi, Babubhai Manji
Saraiya, Ramanlal Gokaldas
Satsangi, Narayan S
Saunders, Herbert J
Savant, Vishwanath R.
Sayani, Smt Kulsum
Sethna, Smt Banoo Pirojsha
Sethna, Khusru Shiavax
Sevakram Kishanchand C
Shah, Bhogilal Chimanlal
Shah, Chandulal Somanlal
Shah, Chandulal Tribhuvandas
Shah, Chandulal Vardhman
Shah, Chunilal K
Shah, Gumbhirchand Oomedchand
Shah, Indulal H
Shah, Lakhamsi Ghellabhai
Shah, Madhavlal Hiralal
Shah, Maganlal H
Shah, Mayabhai C
Shah, Mohanlal Tarachand
Shah, Mohanlal Daulatram
Shah, Mohanlal Kahdas
Shah, Motichand G
Shah, Dr Nagindas Panachand
Shah, Punjalal Nathalal
Shah, Ratilal Dahyabhai
Shah, Nagindas N
Shah, Shantilal Hiralal
Shahani, Shrimati K G
Shalome Abraham
Shamji Karamsi
Shangavi, Tapidas Karsandas
Sharma, Jagdeo Shankar
Sharma, Kantilal Mohanlal
Shete, Dattaram G
Shavaksha, Shrimati Gool K S
Sheth, Srimati Sarla J
Shinde, Rajaram Nagesh
Shreenivasiah, B M
Shroff, Dhirajlal Nemchand
Shroff, Kisandas Maganlal
Shroff, Ramanlal Dalsukhbhai
Shukla, Prabhashankar Kilashankar
Silam, S L
Singh, Kashi Prasad.
Singh, Ram Dass
Sinha, Bindeshwari P
Sipahimalani, Kumari Jethi T
Soman, Narayan Ramkrishna
Soman, Srimati Sulochana
Somaya, Gokuldas Velji
Soondardas Morarjee
Sovani, Shankar Vinayak
Sthalekar, Anant Sheshgiri
Taher, Mohammed
Taleyarkhan, Homi J H
Tambe, Balkrishna Vishnu.
Tata, Naval Hormusji
Tayabji, Smt Khadija S
Telang, Vinayak D
Thakkar, Jamnadas V
Thakur, Raghunath Ganesh
Thar, Shantilal Liladhar
Thawerbhoy, Gulam Hussein Sakoorbhoy.
Thomas, Smt Anna
Thorat, Raoba Anandrao
Tripathi, Ramratan.
Trivedi, Harishkumar Narbeshanker.
Tulla, Vishwanath Rajanna.
Turner, Cawashaw Rustomji
Tyebjee, Dawoodkhan Shalebhoy.
Vahalia, Harisukh Harilal
Vaid, Dinanath Banarasidas.
Vaidya, Balkrishna Narayan
Vaidya, Callan Dattatraya
Vaidya, Dhirajlal A
Vaidya, Murarji Jadhavji
Vaidya, Shankar Hari
Vaidyanathan, Lalgudy Swaminath
Vakharia, Dwarkadas H
Vakharia, Manekial
Vakil, Kakalbhai Bhudardas
Vakil, Vasantram Jamietram
Varawalla, Husaini Abdullabhoy
Varde Vaman P
Varindmal, Issardas.
Vasi, Mohsin Shaikadam
Vaze, Dattatraya Laxman.
Vazirali, Hazir Hussein
Vengsarkar, Smt Sumatibai S
Verma, Mangaldass Nandlal
Vora, Jasvantrai Chatrabhuj
Vora, Manikchand Bhaichand
Wadia, Jamshed Bomanji H
Wagh, Waman Wasudeo
Wilkinson, Eric
Yagnik, Bhanushanker M
Yusuf, Abdul Rehman
Zakaria, Rafique Ahmed

SUPERNUMERARY LIST

Barodawalla, Salebhai K
Bhabha, C H
Bhatt, Madhavlal Makanji
Billimoria, Sir Shapurji
Birla, R D
Captain, H A
Captain, Shrimati H C
Chandavarkar, Sir Vithal Narayan
Chinoy, Sir Rahimtulla M
Dahanukar, M L
Daphtari, Shrimati Susheela
Deshmukh, Dr G V
Devetia, Keshavdeo
Gilder, Smt Hirabai M
Hamied, Dr K A
Jeejeebhoy, Rustomjee B J
Jehangir, Lady Hirabai Cawasjee
Jegangir, Sir Cawasji
Jhaveri, Krishnalal Mohanlal
Kajiji, T M
Kane, P V
Kanji, Dwarkadas
Kantilal, Ishwarlal
Kapadia, Sorab P
Karanjia, Sir Behram
Kay, Sir Joseph
Khatau, Dharamsey
Kilachand Tulsidas
Lalji, Hooseinbhoy A
Mascarenhas, Dr M U
Masani, Rustom Pestonji
Mehta, Sir Chunilal B
Mitha, Sir Suleman Kassam
Modak, Shrimati Tarabai
Modi, Homy
Munshi, Shrimati Lilavati K.
Nakra, Nusserwanji B
Nanavaty, Smt Maniben
Nanavaty, Sir Manilal
Nanjee, Pranlal Devkaran
Napoo, Velji Lakhamshi
Narottamdas, Gordhandas Bhagwandas
Navinchandra Mafatlal
Nevatia, Keshavdeo
Nurie, M Y
Parekh, Khushaldas Kurji
Patil, S K
Sarabhai Pratapraj
Shroff, K R P.
Tata, J R D.
Thakarsey, Krishnaraj M D
Thackersey, Shrimati Premila V
Thakordas, Sir Purshottamdas.
Tyabji, Hussain Badruddin
Vachha, Jamshedji Bejanji
Vazifdar, Capt Nowroji Jamshedji
Velingkar, S G
Wadia, Neville Ness.

RAILWAY PERSONNEL IN BOMBAY

BOMBAY PORT TRUST RAILWAY

Manager, M E A Kizilbash
Assistant Managers J N Adaggra, B A , H A Mirza
Assistant Managers (Junior), D R S Basrur, M A , B S Jhirad

CENTRAL RAILWAY

Offices - Victoria Terminus Bombay

Open 5,427 61 miles—Bombay Harbour Branch and Mahim Connection Chord Line, Bombay to Allahabad, Bhusawal to Nagpur, Kalyan to Raichur, Itarsi to Nagpur Amla to Parasia, Itarsi to Agra, Bhopal to Ujjain, Bina to Katni Bina to Baran, Baran to Kotah, Jhansi to Kanpur, Jhansi to Manikpur, Ait to Kunch, Dhond to Manmad, Palasdhari to Khopoli, Kurla to Mankhurd, Chalisgaon to Dhulia, Jalgaon to Amalner, Jalamb to Khamgaon, Badnera to Amraoti, Wardha to Balharshah, Majri to Rajur, Agra to Okhla Murtijapur Hichpur, Murtijapur-Yeotmal, Pulgaon Arvi Dhond Baramati, Matheran Hill, Pachora Jamner, Manmad to Secundera bad, Secunderabad to Dronachellam, Mudkhed to Adilabad, Purna to Hingoli, Nizamabad to Bodhan Parbhani to Purli Vaijnath,* Dornakal to Singareni Collieries, Dornakal to Bhadrachellam Road, Wadi to Secunderabad, Secunderabad to Kazipet, Kazipet to Bezwada, Kazipet to Balharshah

* Vikarabad to Purli Vaijnath

GENERAL MANAGER'S OFFICE

V T Bombay

General Manager, H P Hira, B A
Senior Deputy General Manager A Saldanha, M A (Cantab), M I E (India)
Secretary to the General Manager, R T Shahani M A
Statistical Officer M D Souza, M A
Compilation Officer, T P Ananthan
Public Relations Officer, M S Sundra, M Sc
Assistant Publicity Officer S P Haran
Assistant Secretary (Complaints), V V Modak, B A
Assistant Secretary (General) R N Chatterjee
Personnel Officer, Special Duty, R P Wanchoo, B A , L L B

PERSONNEL ORGANIZATION

Deputy General Manager (Personnel), M D Balaraman, M A
Personnel Officers, P V Gole, B E (*Engineers*) K S Row, B A (*Transportation*), R P Singh (*Commercial*) Chand Narain M A (*Labour*)
Assistant Personnel Officers (General), K M Palekar, B Sc , R G Bendre
Assistant Personnel Officers, T Raghavachari M A , B I (*Passes and Bills*), C A Rajagopalachari B A (*Stores*) J F Silvera (*Electrical*), K Sambamurthy (*Signal and Tele Communications*) N Krishnamurthy (*Mechanical*)

GRAINSHOP ORGANIZATION

Controller of Grainshops, K V Pandit, B A (Hons)
Assistant Controllers, Grainshops, Kundanlal Sangari (*Bombay*), V R Mohorikar (*Nagpur*), B P Chopra (*Jhansi*) B G Sardar (*Poona*), A I Veeraswamy (*Secunderabad*)

ENGINEERING DEPARTMENT

Bombay Division (Headquarters)

Chief Engineer Bombay, J E Jack F D , B Sc (Edin), M I C E , M I E (India), A M I T , Fellow, P W Inst
Deputy Chief Engineers, Bombay, S Gopalan, B E , M I E (India), Fellow P W Inst (*Central*), N M Thadani B Sc (Edin) M I C E , M A S C E , M I E (India), Fellow P W Inst (*North*) T S Sankaran B E , M I E (India) Fellow, P W Inst (*Headquarters*), F X Lobo, B E , Fellow P W Inst (*South*)
Divisional Engineer (Headquarters), Bombay, Mohamed Zaffer Mirza, B Sc (Lng) (Lond)
Personnel Officer, Bombay, N N Setty, B E (Hons)
Engineers in charge, Bombay, P Govinda Rao, B Sc (Hons), Assoc Fellow, P W Inst (*Projects*), J H M Noronha B E (Hons), Assoc Fellow, P W Inst (*Sanitation and Water Supply*), J Y Marathe B E (*Advance Planning*), P K Mukherjee, B Sc C E , A F , Member, P W Inst , A R E A , A M I E (*Designs*), S L Gupta, B A , C E (Hons) (*P Way and Stores*)
Assistant Engineers, Bombay, T S Rajgopal, Member, P W Inst (*Estimates General*), M Michael (*Estimates*), J J Theodore (*Drawing Office, General*), Y G Rane, B F (*Drawing Office, Structure*)
Assessment Officer, Bombay, A G Kamat, B A , B Sc
Assistant Engineer in Charge (Budget), Bombay, A R Pai

Parel Division

Divisional Engineer, Parel, S Rodrigues, B E , Assoc Fellow, P W Inst
Assistant Engineer (Headquarters), Parel, J Jeffrey
Assistant Engineers, W W Williams (*Parel*) P W Bastiato (*Byculla*), R K Panthaki (*Construction*) (*Parel*) P V George, B E (*Lonarla*)
Executive Engineer, Kurla Trombay Construction, Parel, D G Divgi, B E , Assoc Fellow, P W Inst
Assistant Engineer, Igatpuri, J L D'Souza, Member, P W Inst

Poona Division

Divisional Engineer, Poona, K K Rao, B E A M I Struct E Assoc Fellow, P W Inst
Assistant Engineers H Yesonath, B E A M I E (India) Member, P W Inst (*Sholapur*) L N Subramanian, B Sc (Eng), (*Shahabad*), F R Bagwalla, Assoc Fellow P W Inst (*Dhond*)

Bhusawal Division

Divisional Engineer Bhusawal, T R Subramanian B Sc (Lng)
Assistant Engineer (Headquarters), (Bhusawal), B G Ketkar
Assistant Engineers, S Raghavan (*Bhusawal*), B V Seshadri, B E (*Khandwa*), Chunilal Sabarwal (*Manmad*)

Nagpur Division

Divisional Engineer, Nagpur, S F Braganza, C E (Hons), Assoc Fellow, P W Inst
Assistant Engineers G I Bajaj (*Nagpur*) H Ardeshir, Member, P W Inst (*Warora*) A A Rego B E (*Betul*)

Jubbulpore Division

Divisional Engineer, Jubbulpore, N I Deshmukh B E , A M I E (India), Member, P W Inst
Assistant Engineers V K Chhaya, B E A M I E (India) Member, P W Inst (*Jubbulpore*), R Hasija, Member, P W Inst (*Satna*), N P Nagarkar B E (*Sangor*)

Jhansi South Division

Divisional Engineer, Jhansi South M I Chhaya, B E (Hons) A M I E (India), A M A S C E
Assistant Engineers, M S Sonalkar (*Bina*) Sarrinder Singh Member P W Inst (*Bhopal*), A K Ranga charya Member, P W Inst (*Guna*)

Jhansi North Division

Divisional Engineer Jhansi North P G Gopalan B E (Hons)
Assistant Engineers, W E Fesai (*Jhansi*) K R Rai, B Sc (Hons), Assoc Fellow, P W Inst (*Agra*)

Jhansi Central Division

Divisional Engineer, Jhansi Central N Sivaramakrishnan B E
Assistant Engineers, R Sahai (*Gwalior*) L N Salazaar, Member, P W Inst (*Kanpur*), Gulab Singh (*Mahoba*)

Barkhera Construction Division

Executive Engineer, Barkhera, L F X Freitas, B E , Assoc Fellow, P W Inst
Assistant Executive Engineers R M Ogale B E (*Mid Ghat*), V H Dabke, B E (Budni), R N Iyer (*Barkhera*)

Bridge Department

Bridge Engineer, Manmad, J M Parikh, B E Assoc Fellow, P W Inst
Assistant Bridge Engineers, N Ramappa, A M I Struct E Member, P W Inst (*Administration*), H A Rodgers (*Works*), U L D'Praser, Member, P W Inst (*Shops*), Susai Raj, L M E E (*Secunderabad*)

Akola Division

Divisional Engineer, Akola G Ahmed Sheriff, B E
Assistant Engineers, Y V Vadhavkar, Member, P W Inst (*Akola*), D A Davar (*Yeotmal*)

Secunderabad East Division

Divisional Engineer, Secunderabad East, R Butt B A , B Sc (Hons), M Sc (Manchester), A M I E
Assistant Engineers Khaja Mohiuddin Khan (*Secunderabad East*), T N Ramaswamy Iyengar, B E (Mysore), A M I E (*Kazipet*)

Secunderabad West Division

Divisional Engineer, Secunderabad West, S Moinuddin, B E , A M I E
Assistant Engineers, Mir Ahmed Ali Khan, B Sc , B E (*Secunderabad, Buildings*), S K Sreenivasan (*Mohomedabad Bidar*), P C Padma Rao (*West*)

Secunderabad North Division

Divisional Engineer, Secunderabad North, Syed Wahabuddin Ahmed, B Sc (Aligarh), B Sc (London), A C G I A M I

Assistant Engineers, F X A Nazareth (*Purna*), M Dwarkanath, B A B E (Osmania), A M I E (*S C North*) J Satyanarayana (*Jalna*)

Resident Engineer (Civil), Kalyan Power House, E S M Carlos, B E, Assoc Fellow, P W Inst

OPERATING DEPARTMENT

Head Office (Bombay), Victoria Terminus

Chief Operating Superintendent, R B I al

Deputy Chief Optg Superintendents N Y Manohar (*Coaching*), M A Qadeer (*Goods*), N K Kanitkar (*Power and C & W*)

Assistant Transport Superintendents, S R Gokhale (*Movement*) S Mehdi Ali (*General*), K P Jayaram (*Power*)

Fuel Officer, P V Ramamurthy

Asstt Trans Supdts, S Ramaswamy (*Coaching*) M Z Alvaris (*C & W*)

Personal Assistant to COPS, P R Pusalkar

Bombay Division

Divisional Trans Supdt, B C Desikachari

Divisional Optg Supdt, (Movement), F Da Costa

Assistant Trans Supdts Shahid Ali Khan (*Est*), P M D Souza (*Est Jr*)

Assistant Optg Supdts, Sohrabji Jehangirji (*Movement*), L Gwillim (*General*)

Assistant Mechnical Engineer (Power), R A Hasset

Bhusawal Division

Divisional Trans Supdt, K S Narayanan
Divisional Optg Supdt (Movement) B C Mathias
Divisional Mechanical Engineer (Power) T C Pant
Assistant Trans Supdts V D Jog (*Est*) V A Blanchette (*Est Jr*)
Assistant Optg Supdts, H S Menesse (*Movement*) T S Krishnamurthy (*General*)
Assistant Mechanical Engineers N N Mujumdar (*Power*), Y M Telang (*Power*), B S Pendse (*C & W*)

Jhansi Division

Divisional Trans Supdt A C Mukerji
Divisional Optg Supdt (Movement) O C S Wragg
Divisional Mechanical Engineers, A Balakrishnan (*Power*), F C King (*C & W*)
Assistant Trans Supdts P Ananthra Pai (*Est*) A M Jacobs (*Est Jr*)
Assistant Optg Supdts T Roach (*Movement*) M A Rizvi (*General*)
Assistant Mech Engineers M K Kapur (*Power*), H R Sullivan (*Power*)
Area Officer Gwalior T V Srinivasan
Area Superintendent Agra Cantt, R K Natesan

Jubbulpore Division

Divisional Trans Supdt A H Burnett
Divisional Mech Engineer (Power) G M Gadgil
Assistant Optg Supdts, D R Misra (*Movement*), P M Gupta (*General*)
Assistant Trans Supdt (Est), P K Narayanaswami
Assistant Mech Engineer (Power), G S Kodikal

Nagpur Division

Divisional Trans Supdt, H C Baral
Divisional Mech Engineer (Power), A C Chatterji
Assistant Optg Supdts, K P Singh (*General*), V B Harris (*Movement*)
Assistant Trans Supdt (Est) T M Vaughan
Assistant Mech Engineer (Power) R V Iyer

Sholapur Division

Divisional Trans Supdt, Y P Kulkarni
Assistant Mech Engineer (Power), Y R Puri
Assistant Optg Supdt (M & G), R N Baker
Assistant Trans Supdt (Est), Vacant

Secunderabad Division

Divisional Trans Supdt, R Hydari
Divisional Optg Supdt (Movement), V Ganesh Rao
Divisional Mech Engineers, S N Hussain (*Power*), E Moorey (*C & W*)
Assistant Trans Supdts, K Srinivasan (*Est*), C K Swaminathan (*Est Jr*)
Assistant Optg Supdts, N V S Krishnan (*Movement*), Syed Ariff Sajjad (*General*)
Assistant Mech Engineers, C J Laurent (*Power*), I F Duffield (*Power*)

Officers on Leave

Divisional Operating Supdt, E M Greig
Divisional Operating Supdt, V Ramanathan

COMMERCIAL DEPARTMENT

V T Bombay

Chief Commercial Superintendent M G Iyer B A
Dy Chief Commercial Superintendent S K Mukerji M Sc
Divisional Commercial Superintendents E J Simcox B Sc (Hons) (*Bombay*) B V Joshi, B A (*Sholapur*) R K Murty M A (*Bhusawal*) K S Venkatachalam, B Sc (Hons) (*Nagpur*) K S J Dalal, B A, L L B (*Jubbulpore*), C T Solkirk (*Jhansi*), H F Pinto, B Sc (Hons) (*Secunderabad*)
Assistant Traffic Managers (Senior Scale) (Headquarters), Mirza J A Khan, B A T V Balan, B Natarajan, M A
Superintendent of Claims Byculla Bombay F C Bhandari, M A
Claims Superintendent, Secunderabad Md Fasihuddin, B Com (Leeds), Bar at Law, F R E S (Lond)
Assistant Traffic Managers (Class II Service) (Claims) Byculla, Bombay, S S Rajan, G S Tandon G Samson, I R Fernandes, A P Iyengar, N S Krishnan S P Chopra
Assistant Traffic Managers (Class II Service) (Headquarters), Shamrao S Nadkarni Sadashiv S Nadkarni R Ramu Iyer K V John
Assistant Traffic Managers (Class II Service) Claims—Secunderabad, P K Srivastava P R Toorkey
Assistant Divisional Commercial Superintendents (Class II Service), E S Reuben (*Bombay*) G B Chandarkar (*Bombay*) M Bhasker Rao (*Bhusawal*) Shamrao Ramchandra (*Bhusawal*) N R Dutta Gupta (*Nagpur*) T S Gopalrao (*Jubbulpore*) T N Moholkar (*Jhansi*) R R Majithia (*Jhansi*) Prem Sagar (*Secunderabad*), G P Joshi (*Secunderabad*), Arjun Pershad (*Secunderabad*)
Goods Superintendent, Wadi Bunder, S P Ranganadham, B A, M Sc
Assistant Goods Superintendent, Wadi Bunder, B S Tyagi
Superintendent Watch & Ward, Currey Road, Capt R B K Warrier
Assistant Superintendent, Watch & Ward Currey Road W F M Rowe

MECHANICAL DEPARTMENT

Headquarters Office Bombay, V T

Chief Mechanical Engineer J W F Gurr, A M I Mech E, A M I Loco E
Dy Chief Mechanical Engineers J F Muncherjee (*R & M*), C S Lal (*C & W*), Iqbal Hydari A M I Loco E (*Loco*)
Personal Assistant to C M E, H J De Vas, A M I Mech E
Statistical Co ordination Officer M V Ramamoorthy
Asstt Mechanical Engineer (R & M) R P Goes A M I Loco E
Chief Mechanical Draftsman (C & W), B M Krishnaswamy

Locomotive Workshops, Parel

Works Manager B P Hira B Sc (Bom), B Sc (Tech) (Manchester), A M I C I (Manchester) A M I E (India)
Production Engineer, B O Raymond
Asstt Works Managers, E H Kinchella J A Cox, C I Joseph.
Personnel Officer, G I Kavadey, B Sc (Eng)

Carriage & Wagon Workshops Matunga

Works Manager, R D Nadirshaw, A M I Mech E A M I Loco E
Production Engineer, G E Townsend
Assistant Works Managers, M Mather, C R Coveney, L Hornby
Asstt Personnel Officer, Lachhman Dass

Carriage & Wagon Workshops, Jhansi

Works Manager, J Matthan, A M I Mech E
Assistant Works Manager Anand Prakash A M I Mech E
Assistant Personnel Officer, H G Newalkar

Locomotive and Carriage & Wagon Workshop, Lallaguda

Works Manager, P N Kaul A M I Mech E, A M I Loco E, G I E E
Assistant Works Managers, H R Lamoury C E Lamoury
Assistant Personnel Officer, V S Kuppu Rao

Gwalior Division

Assistant Mechanical Engineer, S I Athavale

Laboratory, Parel

Chemist and Metallurgist, K P S Nair

SIGNALS & TELE COMMUNICATION DEPARTMENT

C S T E, E W Battams, MIRSE

Signal & Tele communication Engineers, S A Srinivasan, B Sc (Lng), P N Gupta, B Sc C E (Hons)

Divisional Signal & Tele Com Engineers, V U Shanal B E (Elec) (Hons) (*Bombay*), A K Srinivasan (*Jhansi*), E J W Correy (*Bhusawal*), C Krishnamurthy (*Secunderabad*)

Assistant Signal & Tele Com Engineers, A Lobo, G Tulsi Ram Rao (*Bombay*) F A Vaz (*Jhansi*), A Daniel (*Jabalpur*), R V Bapol (*Secunderabad*), H G Gokhale (*Bhusawal*), J Hill (*Jabalpur*)

Assistant Wireless Officer, J P Khandher

ELECTRICAL BRANCH

C T E E, P L Verma, B Sc, B Sc, (Eng), A M I E E (London), M I F

Dy C E E, P N Murti

D E E (HQ), S P Tonse, B E (Hons), Grad Met, Mech Engr, A M I E E

D E E (Matunga), R L Mitra, B Sc (Hons) B Sc (Eng), Grad I E E

T E R S (Bombay), N Padmanabhan, B Sc (Hons) (Eng), G R I E E, G R I M E

T E D (Bombay), S K Kanjilal

Power House Supdt, J D Malhotra

Asstt Electrical Engineers (Bombay), N S A Iyergar, S N Ranade, K H Mehta

Asstt Electrical Engineers, G N Gavtaly (*Bhusawal*), A I George (*Jhansi*), G Narasimloo (*Secunderabad*), K S Pai (*Matunga*), J R Rodrigues (*Parel*)

Asstt Traction Engineers, V J Mohan (*Bombay*), V K Kamat (*Bombay*), S T Udeshni (*Kurla*), J K Kaul (*Kalyan*), R S S Thompson (*Kalyan*), P M Dantoohver (*Bombay*), V J Nisseln (*Kurla*), A A Hattangadi (*Lonavla*)

Asstt Power House Supdts, M K Bates, S C Moeli, M N Mukerjee

Shift Charge Engineers, I J Levy, N C Mukerjee, P M Contractor, E Nagarajan

Assistant Resident Engineer (C & W), *Chola*, N B Satarawala

Resident Engineer (Civil), *Chola*, E S M Carlos

STORES DEPARTMENT

Head Office —Victoria Terminus, Bombay

Controller of Stores, Amse Ahmed, Fellow P W Inst

Dy Controller of Stores, J C Fernandes, B A, B E

District Controller of Stores (Steel), N M Shah, B E

District Controller of Stores (Headquarters), M M Parekh, B A (Hons), B Sc (Hons), B Sc (Lond), A M I Mech E, A M I Loco E

Assistant Controllers of Stores, V Ramadurai (*Purchase*), R Trindade (*Purchase*) N V Khopkar (*Disposals*)

General Depot, Lower Parel

District Controller of Stores, D Solomon, B E

Assistant Controller of Stores, P A Gopalan, B A

Mechanical Depot, Parel

District Controller of Stores, S G Ghosalkar, B E

Assistant Controller of Stores, J Andrade

Carriage, Wagon & Electrical Depot, Matunga

District Controller of Stores, R K Tandon, B E

Assistant Controller of Stores, F X Fernandes

Printing Press, Byculla

Press Superintendent, I M Patrao

Jhansi

Assistant Controller of Stores, J R Gaudoin

Secunderabad

District Controller of Stores, K Shrinivas Rao, B A (Hons), Bar at-Law

Assistant Controllers of Stores, N M Sagade, B A, B com, A G Ramdas

Officer on leave

Assistant Controller of Stores, S B J Rajalah, B E

ACCOUNTS DEPARTMENT

V T, Bombay and Secunderabad

Financial Adviser and Chief Accounts Officer, K Krishna Rau, M A

Dy Chief Accounts Officers, Bombay V T, S S Gore, B A, Bar at-Law, D C Vevaina, B A

Dy Chief Accounts Officer, Secunderabad, S G Pothan, M A.

Senior Accounts Officers, Bombay V T, Y T Shah, M A., LL B, T S Gopalan, M.A, T S Panchapakesan, B A, A K Ganesan, M.A., K K Kamat, B A

Senior Accounts Officer, Secunderabad, R A Murti, G D A

Assistant Accounts Officers, V T, V M Bhagwat, P R Chopra, S C Guha, B A, LL B, C S Somasundaram, B A, M Thomas, B A (Hons)

Assistant Accounts Officers, Parel, J M Dandekar, B Sc, N L Bhat, B A

Assistant Accounts Officers, Secunderabad, V S Rangachari, B A; D A Padmanabhiah, M A Hai, J R Thomas, B A, K S Haravu, B A

Probationary Accounts Officers (IRAS), A V Poulose, M A, M Ramjee B Sc, B Madhavan, B Sc, S Ramaswamy, B E (Mech), D K Kar, M A

Chief Cashier, B A Aranha

MEDICAL DEPARTMENT

Chief Medical Officer, Dr M N Chatterjee, F R C S (Eng), L R C P

District Medical Officers, Dr S P Taylor, M B Ch B, M R C S, L R C P, Dr N J Bakhru, M B B S (Bom), F R C S (Edin), L R C P, M R C S, Dr S L Malhotra, B Sc, M B (Hons), M R C P (Lond), D C H (Eng), D P H (Eng), D I H R C P (Lond), R C S (Lond), Dr S K Bose, M B (Cal), Dr S P Pednekar, M S (Bom), F C P & S (Bom), Dr P G Dalal, B Sc, M B B S (Bom), Dr M Raskino, M B B S (Bom) Dr F L Jain, L M P, L O, M S M F

Assistant Medical Officers, Dr V G Naralkar M B B S, B Hy, Dr J V Rangnekar, M B B S, D P H, Dr M S Venkatraman, M B B S, Dr (Miss) L Andrews, L M P, M B B S Dr D R Chopra M B B S, Dr S R Samuel, M B B S, Dr T F Macedo, M B B S Dr F W Correa, M D (Patna), D C H (Bom)

WESTERN RAILWAY

Offices Opp Churchgate Station, Bombay Broad, Metre and Narrow Milcage 5,576 47

HEADQUARTERS OFFICE, CHURCHGATE (GENERAL & PERSONNEL)

General Manager, K P Mushran, B E

Senior Dy General Manager, S S Ramasubban, M A

Dy General Manager (Personnel), M G Mirchandani, B E, A M I E

Secretary, Mina R Sanjana

Headquarters Personnel Officers, H K D Capoor, A M I E, V Giridharada, B F (Madras), B M Kaul, S S Gupte, B Sc

Assistant Personnel Officers, L D Souza, M D Fonseca, K Y Ranade M A, Anand Prakash, B A, LL B, B V Shenoy

Public Relations Officer, B L Kapoor, B A

Statistical Officer, C M Rees

Assistant Secretary, M A Kamath

Asstt Public Relations Officer, H D Sethna, M A (Hons)

Anti-Corruption Officer, J A Greenhill

Officer on Special Duty, S C Chatterjee

Compilation Officer, Ajmer, Hari Singh

Bombay Region

Regional Personnel Officer, Bombay Central, S N Sachdev, B A

Assistant Personnel Officers, Bombay Central, D R Kalyanpur, D R Sanjana, M A

Ajmer Region

Regional Personnel Officer, Ajmer, M K Menon, M A

Assistant Personnel Officer, Ajmer, R K Mehra, B A, LL B

Gondal Region

Regional Personnel Officer, Gondal, K R R Aiyangar, M A, B L (Madras), M Sc (Econ) (Lond)

Asstt Personnel Officers (Workshops), Parel, M M Khan, B A, A L Gadekar

Asstt Personnel Officers, Ajmer, Gangaram Ahuja, S A Bhatnagar

Grainshops

Controller of Grainshops, Bombay-Central, K K Pooviah, B A, B Sc (Hons) (Madras)

Assistant Controllers of Grainshops, B K Shroff, B com (*Bombay Central*), M A M Patel, B A (*Ajmer*), Champat Lal (*Baroda*)

ACCOUNTS DEPARTMENT

Financial Adviser & Chief Accounts Officer, Bombay, M R Swaminathan, M A, LL.B

Dy Chief Accounts Officers, T S Subramanian, M A (*Bombay*); A Sahul Hamid, B Sc (Hons) (*Bombay*), S P. Sahni (*Ajmer*).

Senior Accounts Officers, Bombay, A T M Yusufuddin, Godwin Rose, D G Tere

Senior Accounts Officer, Gandhidham, M D Oza
Regional Accounts Officers, H S. Mukherji (*Bombay Central*), Brijlal Grover (*Ajmer*), B J Rege (*Bhavnagar City*)
Chief Auditor, Bombay, B Srinivasmurthy

ENGINEERING DEPARTMENT

Chief Engineer (Bombay), T Bell, AMICE, AMIE
E in C, K D Construction, Gandhidham, C Y Mangrulkar
Dy Chief Engineer, Bombay, M V Joshi, BE, AFPW Inst
Regional Engineers, Sujan Singh, BSc (Lond), AMIE (*Bombay*), P S Khamesra, BF, MIE (*Ajmer*), B K Kuppuswamy, BE (Mysore), IPWI (*Gondal*)
P As to Chief Engineer, Bombay, C C Gilbert, BE
P As to Regional Engineers, A N Albuquerque, BSc (Lond) (*Bombay*), R S Barve, BE (*Ajmer*), C Lobo, BE (Bom) (*Gondal*)
Projects Engineer, Bombay, Hari Sinha, BE (Civil), AMIE, FPW Inst (Lond)
Bridge Engineer, U S Manel BE (Madras), AMIE
Track Supply Officer, S H Desai, BE (Bom)
Executive Engineers, V S Sathe, BSc, BE, DUCR (Lond) AMIE (India) (*Parel*) N K Hazra, BSc (Lond) (*Bulsar*), A C De, BE (Calcutta) (*Baroda*), G N Mehta, BE, AMIE, AFPW (Lond) (*Ahmedabad*), J S Khergamwala, BE (*Ratlam*), J S Kirby, AMICE (*Kotah*), P O Thomas BSc (*Abu Road*), J H Talati, BE (Bom), MIE (India), AMICE (Lond) (*Ajmer*), L V Parekh (*Bandikui*), S S Gohel, BSc (*Mhow*), B K Batliwala BE (*Jamnagar*), H Oss, BE (Elec & Mech), (*Bhavnagar*), N K Mehra, BSc (Roorkee) (*Junagadh*), S K Iyer, BSc (Travancore) (*Bulsar*)

SIGNALS & TELE COMMUNICATION DEPARTMENT

Chief Signals & Tele Communication Engineer, Bombay, H C Towers, MIEE, MIRSE, M Inst, TFPW Inst
P A to Chief Signals & Tele Communication Engineer, Bombay, W C Liebenhals MIRCE
District Signals & Tele-Communication Engineer, Bombay, P R Mullan AMIRSE, Grad Inst, TAFPW Inst
District Tele Communication Engineers Bombay, L C Vaswani, BE (Elec), BE (Mech), G R Pathak, LME, LEE (Bom), AMIRSE
District Signals & Tele-Communication Engineer, Ajmer, D P Purang, BSc (ALD), CE (Hons) (Roorkee)

ELECTRICAL DEPARTMENT

Chief Electrical Engineer, Bombay, N C Sabikhi, AMIEE
P A to Chief Electrical Engineer, Bombay, V R Vajramushti, BA (Hons) (Bom), BSc (Hons) (Lond)
District Electrical Engineers, Bombay, T S Viswanathan, B J Patel (*Traction*)
District Electrical Engineers, R J Batliwala, AMIE (India), (*Dohad*), N M Doig (*Ajmer*)

MECHANICAL DEPARTMENT

Chief Mechanical Engineer, Bombay, B Venkataraman, BSc, AMIME, AMILE
Dy Chief Mech Engineer (G), Bombay, I C Bahree
Personal Asstt to Chief Mech Engineer, N M Arunachalam

Bombay Region

Regional Mechanical Engineer, Bombay-Central, L G Bigg wither, AMILE
Personal Assistant to R M E, I T Carter
Dist Mech Engineers, Gulshan Rai (*Bulsar*) D T Sampat, I E M (Belg), MI Loco E. (*Pratapnagar*), S S Lal, AMILE (*Ahmedabad*), K R Narayanan, BSc (Eng Mech Elec), AMIE (*Gangapur*)

Ajmer Region

Regional Mech Engineer, Ajmer, L N Chaudhuri, GILE, SMILE
Personal Assistant to R M E, P W Jadeja, BSc
Dist Mech Engineers, H C Sarin (*Mhow*), T R Vishwanathan, BSc (*Abu Road*), S C Bansal, AMIE (India) (*Bandikui*)
Assistant Mech Engineers, N G Joshi (*Jaipur*), P N Tikku, BSc. (Eng) (*Udaipur*)

Gondal Region

Regional Mech Engineer, Gondal, G V N Acharya, BA (Madras), BE (Mysore)
Dist Mech Engineers, D V Ketkar, BSc (Engineering) (*Jamnagar*), D A Mankad, BSc (Mech) (*Bhavnagar*), E R Shroff, AMILE (*WAP-Okha*).
Assistant Mech Engineer, Gandhidham, B M Chatree.

Workshops

Dy Chief Mech Engineer (W), Ajmer, R Krishnaswamy, Inter Science (Bom) AMI Mech E
Works Manager (L), Ajmer, C H Sadarangani, Grad-I E E
Works Manager (C), Ajmer, S K Moitra, BSc (Engg)
Works Manager (L), Dohad, R M Patel, ME (Cornel)
Production Engineer, Dohad, S K Dar
Works Manager (C), Parel, E S Muthukrishna

TRANSPORTATION (TRAFFIC) & COMMERCIAL DEPARTMENT

Chief Operating Supdt, Bombay S A Yusoof
Chief Commercial Supdt, Bombay, D Jehangir
Dy Chief Operating Supdt, Bombay, C G Rees
Dy Chief Commercial Supdts, Bombay, B N Wahal, BA (Lucknow) (*General*), T L Colaco (*Claims*)
Road Superintendent, Bombay, Rajkumar Ajitsingh
Personal Assistant to C O P S, Bombay, S J Crewe
Senior Transportation Officer (Goods) Bombay, P C Mathew, BA (Hons) (Madras)
Senior Commercial Officers, Bombay J E Castelline, BA (Bombay), BSc (Econ Lond), FRES (England) (*General*) G F Vellore, BSc (Hon) (Bom) (*Rates*), V R Kewalramani, MA, LLB (Bom), BSc (Econ) (Lond) (*Claims*)
Assistant Transportation Officers, Bombay H A Fido Raj Narain
Goods Supdt, Carnac Bridge, D A Little

Bombay Region

Regional Traffic Supdt, Bombay Central, N C Hoon, BA (Hons) (Lahore)
Personal Assistant to R T S, P K Anantnarayanan BA (Hons) (Madras)
Dist Traffic Supdts, I L Butterfield (*Grant Road*), S P Patel, BA (Hons) (Bom), BSc (Econ) (Lond) Bar at Law (*Bulsar*) Capt R Srinivasan, BSc (*Ahmedabad*), B M Trivedi (*Pratapnagar*), S G Samant, MSc (Bom) (*Ratlam*), R Sampath, BA (*Kotah*)

Ajmer Region

Regional Traffic Supdt, Ajmer, D R Khanna
Personal Assistant to R T S, A G Kennedy
Dist Traffic Supdts, K P Junarkar, BA (Bom) (*Abu Road*), P Jaswant Singh (*Mhow*), K Jankiraman, BA (Hon) (Madras) (*Bandikui*), V Kulandai Velu, BA (Hons) (Madras) (*Jaipur*)
Assistant Traffic Supdts, Raghubir Singh (*Udaipur*), M L Gupta, BA (Hon) (*Gandhidham*), A H Khan, BA (Hon) (*Mehsana*)
Supdt, Rly Training School, Ajmer, W H A Green

Gondal Region

Regional Traffic Supdt, Gondal, D D Sethna, BA (Bom)
Personal Asstt to R T S, N S Desai, BA (Hon)
Dist Traffic Supdts, R K Madhvsinghji, MA (Cantab) MSc (*Jamnagar*), A R Ambani (*Jamnagar*), V J Daftari, BA, LLB (*Bhavnagar*)

Watch & Ward Department

Supdt, Watch & Ward, Mahalaxmi, Major H L Finnimore
Asstt Supdts, Watch & Ward, Mahalaxmi, J J Billimoria (*Mahalaxmi*), Gurdayal Singh (*Junagadh*), Narain Singh (*Ajmer*)

STORES DEPARTMENT

Controller of Stores (Bombay), A R Sarin
Dy Controller of Stores (Bombay), M Khalid, BSc (Lond), ACGI
Dist Controller of Stores, K D Section (C), Bombay, D V Phatarpekar, BE
Dist Controllers of Stores, N C Killawala, BSc AMIE (India), G I Mech E (London) (*Bombay*), V N Agharkar, BE (Mech) (*Mahalaxmi*), P N Zutshi, BSc (Lond), ACGI, AMIE (India) (*Ajmer*), F J Vachha, BA, BE, BSc (Lond), AMI Struc E, AMI Mech E (*Bhavnagar Para*), Sundershanlall, BA, BSc, DISC, AIRE (*Bhavnagar Para*)

MEDICAL DEPARTMENT

Chief Medical Officer, Bombay, Dr C H H Robertson, MRCS, LRCP, DTM & H (Lond), DPH (Camb)
Dist Medical Officers, Bombay, Dr R C Vevaina, MBBS (Bom), LRCP (Lond), MRCS (Eng), DTM & H (Lond) (*Bombay*), Dr H E Vakil, MBBS (Bombay) (*Bulsar*), Major Banwarilal, MB.B.S (*Dohad*), Dr Bhawani Shankar, MB, Ch B (St Andrews) (*Ajmer*), Dr H N Dewan, MBBS (Bom), DOMS (Lond), DPH (Lond) (*Abu Road*), Dr K C Trivedi, MBBS (Bom), DTM (Cal) (*Bhavnagar Para*)

RAINFALL OF BOMBAY

COLABA OBSERVATORY

Years	May	June	July	August	September	October	November	Yearly Total	Number of Rainy Days in the year*	Maximum fall in one day
1880	0 00	21 48	18 37	4 08	22 80	1 18	0 00	67 94	109	8 20
1	0 36	15 29	29 47	19 06	4 56	4 17	0 09	73 04	113	11 30
2	0 02	27 54	26 94	3 36	10 08	1 12	0 03	69 23	105	10 18
3	0 33	13 65	39 88	12 57	12 37	10 40	0 86	90 18	123	6 85
4	0 00	13 25	25 87	15 29	17 04	2 22	0 60	75 44	110	7 37
5	0 02	5 11	21 81	25 42	12 01	3 54	0 00	67 91	113	10 29
6	0 96	43 45	35 79	10 69	6 54	1 69	0 61	99 74	110	16 10
7	0 09	24 07	30 98	17 59	18 23	2 79	1 02	94 95	112	7 84
8	0 00	15 76	22 47	11 43	4 92	0 11	1 16	57 82	107	4 66
9	0 67	19 89	30 45	10 32	2 71	3 80	0 00	67 84	103	4 04
1890	0 06	24 55	21 54	10 61	6 45	0 58	1 25	65 18	116	4 61
1	0 00	13 99	32 48	6 94	22 53	1 04	0 00	77 18	100	5 82
2	0 11	13 30	23 86	36 56	19 73	1 89	0 67	95 12	114	5 43
3	6 30	21 47	16 14	13 55	7 54	0 45	1 63	67 24	124	4 97
4	0 00	16 87	26 16	8 40	12 04	3 08	0 00	66 85	124	4 77
5	0 08	17 84	18 04	15 97	11 91	3 62	0 06	67 59	109	6 82
6	0 26	28 02	36 44	20 77	1 62	0 01	0 53	87 65	102	6 21
7	0 00	14 40	30 19	13 82	20 60	2 51	0 00	81 53	108	4 92
8	0 16	27 21	20 72	5 28	19 94	0 48	0 13	74 09	110	5 13
9	0 08	20 81	4 72	5 23	3 49	0 00	0 00	35 90	87	6 58
1900	0 00	18 26	25 75	17 62	7 49	0 00	0 00	69 12	91	8 04
1	0 01	25 36	32 70	14 27	1 81	0 39	0 00	75 32	98	6 55
2	0 00	9 77	16 96	16 53	27 11	0 78	0 01	71 97	100	6 74
3	7 79	19 75	24 82	18 23	7 82	5 91	0 00	84 49	111	6 03
4	0 02	15 10	10 14	5 72	1 81	0 56	0 00	33 42	90	3 33
5	0 00	6 53	15 30	4 35	6 16	0 20	1 04	33 66	89	4 00
6	0 00	13 20	18 10	20 91	3 94	0 00	0 00	56 30	95	4 89
7	0 00	22 49	59 26	15 93	2 75	0 02	0 00	100 78	94	8 84
8	0 00	15 19	21 13	9 67	6 71	0 62	0 00	53 54	100	4 30
9	0 00	16 68	31 37	7 82	15 35	0 00	0 00	71 22	100	4 07
1910	0 03	23 92	7 42	16 89	18 84	0 62	0 14	67 86	104	8 14
1	0 04	10 85	15 89	16 90	2 50	0 00	0 27	46 51	92	4 78
2	0 43	10 79	25 77	9 70	3 09	0 65	3 62	54 05	87	7 86
3	0 00	25 81	33 58	3 47	5 75	2 95	0 00	70 96	94	5 50
4	0 00	16 69	31 12	12 44	21 03	0 01	0 18	81 62	114	6 28
5	0 36	40 10	14 39	8 93	10 21	2 55	0 02	77 68	100	11 41
6	0 07	23 55	25 10	17 19	14 59	4 79	0 72	86 05	128	7 60
7	0 88	15 33	12 91	33 27	19 58	16 11	0 00	99 76	134	5 96
8	11 17	10 65	4 31	4 80	3 06	0 00	0 09	35 54	94	4 98
9	0 00	23 35	24 49	10 63	8 16	1 40	0 18	68 32	106	8 74
1920	0 00	8 16	22 60	4 58	4 05	0 34	0 00	41 05	98	5 51
1	0 00	26 79	35 67	10 37	13 13	0 06	0 00	86 02	101	7 68
2	0 00	26 63	31 00	5 15	7 43	0 61	0 00	70 96	111	6 56
3	0 00	8 96	41 88	8 33	18 32		0 00	77 56	90	11 03
4	0 00	7 46	16 75	15 42	12 12	0 06	0 38	52 19	101	3 12
5	3 83	26 86	8 31	7 71	3 55	0 19	0 37	50 82	109	7 54
6	0 10	6 81	30 68	21 93	8 84	1 29	0 00	72 64	107	8 21
7	0 00	35 52	14 08	6 59	5 30	7 25	5 48	74 38	123	7 10
8	0 00	28 46	30 24	16 69	9 81	0 43	0 09	85 73	109	8 96
9	0 00	26 09	15 78	5 85	6 49	3 78	0 22	59 76	114	5 29
1930	0 02	27 48	9 61	6 60	43 77	2 50	0 00	89 98	93	21 59
1	0 00	7 66	46 94	22 69	4 53	13 02	2 40	97 94	111	10 06
2	0 57	10 64	35 47	6 77	11 13	9 01	0 07	73 66	106	5 62
3	3 23	9 91	15 69	17 25	12 42	2 93	0 01	62 37	116	5 28
4	0 00	29 06	22 74	12 14	5 83	0 21	3 23	73 25	110	5 05
5	0 00	28 14	23 70	16 71	11 83	1 04	0 18	81 62	99	7 00
6	0 34	32 62	8 13	9 23	5 73	0 00	2 31	58 43	113	5 60
7	0 00	18 32	30 42	5 45	14 20	1 77	0 00	70 16	109	3 68
8	1 29	31 24	16 06	16 77	10 35	15 17	1 13	92 01	124	7 13
9	0 00	4 67	33 08	10 87	5 39	0 17	0 15	54 34	95	9 12
1940	0 00	29 98	21 03	28 27	11 26	4 89	0 76	97 58	106	6 42
1	0 00	8 09	14 09	5 83	6 17	1 62	0 00	35 81	81	4 14
2	0 00	27 39	32 36	8 24	13 52	0 00	0 00	81 80	96	7 08
3	6 02	30 19	29 62	3 30	8 15	3 77	0 04	81 37	116	8 01
4	0 20	9 47	45 56	16 32	1 68	0 80	0 00	74 10	90	7 13
5	0 00	24 36	31 87	26 10	6 16	0 70	0 37	90 38	99	8 65
6	0 23	21 61	16 29	15 23	17 90	0 81	6 46	79 14	120	10 48
7	0 00	3 61	22 03	20 56	25 45	2 92	0 00	77 09	104	10 88
8	0 00	8 78	27 16	17 03	11 78	2 11	4 54	71 74	105	6 79
9	0 98	18 31	23 64	15 22	49 01	1 35	0 00	108 51	124	26 98
1950	0 13	11 22	23 82	3 39	21 50	1 38	0 06	61 50	93	5 97
1951	1 68	20 25	35 11	8 55	1 74	2 71	0 11	70 41†	108	5 11
1952	0 00	23 69	27 51	6 82	3 05	2 26	0 00	63 33	97	7 06
1953	0 00	32 59	39 99	12 99	4 59	3 24	0 00	93 57	103	8 35

* A rainy day is one on which 0 01" of rain or more has fallen

† There were also a few showers in March and April

GREATER BOMBAY STREETS

Showing Police Jurisdiction

ABDUL REHMAN STREET

BOMBAY NO 3

(Jurisdiction Princess St Section Police Station)

[*From Carnac Road and Hornby Road to Kalbadevi & Ibrahim Rahimtoola Roads*]

These are the cross roads

WEST SIDE

Pinjari Street
Janjikar Street
Sutar Chawl Street
Shamset Street and the end of Bangri Bazar
Mirza Street
Agiary Cross Street
Musjid Bunder Road
Nakhoda Street
Kalbadevi and Ibrahim Rahimtoola Roads

(Jurisdiction Pydhonie Police Station)

EAST SIDE

[*From Pydhonie to Carnac Road*]

These are the cross roads

Kolsa Cross Lane
Nakhoda Street
Tara Lane
Musjid Bunder Road
Bibijan Street
Narayan Dhuru Cross Lane
Nagdevi Cross Lane
Bhajipala Street
Janjikar Street
Pinjari Street
Carnac & Hornby Roads

ADAM STREET

BOMBAY NO 1

(Jurisdiction : Colaba Police Station)

[*From Apollo Pier Road to Lansdowne Road*]

ALEXANDRA ROAD

BOMBAY NO 7

(Jurisdiction Gamdevi Police Station)

[*From Gamdevi Road to Owen Dunn Road*]

These are the cross roads

EAST SIDE

A Lane
Harvey Road
A Lane
Owen Dunn Road

WEST SIDE

Harvey Road
A Lane
Gamdevi Road

ALTAMONT ROAD

BOMBAY NO 26

(Jurisdiction Gamdevi Police Station)

[*From Hermitage Pass*]

Anstey Road is a cross road on the South Side

AMBOLI ROAD

(Jurisdiction : Andheri Police Station)

[*From Ghodbunder Road to Amboli Village*]

These are the cross roads

SOUTH SIDE

A Small Lane
Amboli Village

NORTH SIDE

A Small Lane
Ghodbunder Road

ANANDRAO NAIR ROAD

[*Formerly known as Lamington Road (North)*]

BOMBAY NOS 8 & 11

(Jurisdiction : Nagpada & Agripada Police Stations)

[*From Bellasis Road to Arthur Road*]

(Jurisdiction : Nagpada Police Station)

These are the cross roads

EAST SIDE

Club Road
Souter Street

(Jurisdiction Agripada Police Station)

Cyrus Avenue
Wylie Street
Gell Street
Arthur Road

WEST SIDE

Dr Nair Road
Jetha Street
A New Road
Bellasis Road

ANNIE BESANT ROAD (DR)

BOMBAY NO 18

(Jurisdiction : DeLisle Rd and Dadar Police Stations)

[*From Cadell Road to Hornby Vellard*]

(Jurisdiction : DeLisle Rd Police Station)

These are the cross roads

EAST SIDE

A new Road
A new Road
A new Road
A new Road
A new Road
Private Roads
D D Chawl Worli Road, Fergusson Road and Haines Road
A Street
Hornby Vellard

WEST SIDE

Abdul Gafoor Road

(Jurisdiction : Dadar Police Station)

These are the cross roads

Worli Sluice and Old Prabhadevi Roads
Cadell Road

ANSTEY ROAD

BOMBAY NO 26

(Jurisdiction Gamdevi Police Station)

[*From Altamont Road*]

APOLLO PIER ROAD

BOMBAY NO 1

(Jurisdiction : Colaba Police Station)

(*Known as Apollo Bunder Road*)

[*From Colaba Causeway to Gateway of India*]

These are the cross roads

SOUTH SIDE

Battery Street
Stevens Street
Adam Street

NORTH SIDE

Private Road to P O Stables
Lord Hardinge's Statue

APOLLO STREET

BOMBAY NO 1

(Jurisdiction Palton Road Police Station)

[*From Old Custom House Road on the South to Horniman Circle on the North*]

These are the cross roads

EAST SIDE

Custom House Road
Marine Street
Green Street

WEST SIDE

Rampart Row
Apollo St Cross Lane
Forbes Street
British Hotel Lane
Dalal Street
Hamam Street
Bruce Street
Horniman Circle

ARGYLE ROAD

BOMBAY NO 9

(Jurisdiction : Pydhonie and Dongri Police Stations)

[*From Carnac Bunder Bridge to Dongri Bridge*]

(Jurisdiction Pydhonie Police Station)

These are the cross roads

WEST SIDE

Ahmedabad Street
Bhandari Bridge
Baroda Street
Itola Street
Broach Street
Surat Street
Musjid Siding Road
Musjid Bridge
Clive Road
Kurla Street
Masjid Siding Road

(Jurisdiction Dongri Police Station)

Thana Street
Kalyan Street
Poona Street
Sholapur Street
Raichur Street

EAST SIDE

Raichur Street
Sholapur Street
Poona Street
Kalyan Street
Thana Street

(Jurisdiction Pydhonie Police Station)

Musjid Siding Road
Kurla Street
Musjid Bridge Road
Surat Street
Broach Street
Baroda Street
Ahmedabad Street
Carnac Siding Road
Frere Road
Carnac Bridge

ARTHUR BUNDER ROAD

BOMBAY NO 5

(Jurisdiction : Colaba Police Station)

[*From Colaba Causeway to Strand Road*]

These are the cross roads

SOUTH SIDE

A Lane
A Lane
A Lane

NORTH SIDE

Strand Road

ASH LANE

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Mahatma Gandhi Road to Medows Street*]

ATMARAM MERCHANT ROAD (DR)

[*Formerly Known as Cathedral Street*]

BOMBAY NO 2

(Jurisdiction : Princess St Police Station)

[*From Bhuleshwar Road to Dadisheth Agiary Street*]

These are the cross roads

WEST

Anantwadi
Bhasker Lane
Bhuleshwar Road

BABULA TANK ROAD

BOMBAY NO 9

(Jurisdiction : Dongri and Byculla Police Stations)

[*From Ibrahim Rahimtoola & Victoria Garden Roads to Jail Road East & Mazagon Road*]

(Jurisdiction Dongri Police Station)

These are the cross roads

SOUTH SIDE

Babula Tank Cross Lane
Jail Road North
Umerkhadi Road
Jail Road, East

(Jurisdiction : Byculla Police Station)

NORTH SIDE

Byramji Hall Lane
Mazagon Road

BABULNATH ROAD

BOMBAY NO 7

(Jurisdiction : Gamdevi Police Station)

[*From Chowpatty Sea Face on the West to Hughes Road on the East*]

These are the cross roads

WEST SIDE

Parsee Panchayet's Private Road
Road to Runchorji's Temple
A Lane to Malabar Hill
A Lane joining Dadysett Road
Chowpatty Band Stand
Dadysett Road and Walkeshwar Road

EAST SIDE

Babulnath 3rd Cross Road
Babulnath 2nd Cross Road
Babulnath 1st Cross Road
Chowpatty Road
Hughes Road

BAKEHOUSE LANE

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*Forbes Street to Rampart Row*]

These are the cross roads

EAST SIDE

Bakehouse Cross Lane
Forbes Street

BALLARD ROAD

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Mint Road to Ballard Pier*]

These are the cross roads

NORTH SIDE

Nicol Road
Sprott and Dougall Roads
Graham Road
Willet Road

BANK STREET

BOMBAY NO 1

(Jurisdiction Palton Rd. Police Station)

[*Horniman Circle to Custom House Road*]

These are the cross roads

WEST SIDE

Green Street
Bank Street Cross Lane
Marine Street

EAST SIDE

Green Street

BAPU KHOTE STREET

BOMBAY NO 3

(Jurisdiction Pydhonie, Maharbouri Police Stations)

[*From Kalbadevi Road (Pydhonie) to Erskine Road*]

These are the cross roads

EAST SIDE

Bapu Khote Cross Street
Banian Street
Ismail Curtay Road
Musjid Street
Erskine Road

WEST SIDE

Panjrapole Road
Banian Road
Bapu Khote Cross Lane
Kalbadevi Road, Pydhonie

BASTION ROAD

BOMBAY NO 1

(Jurisdiction : Esplanade Police Station)

[*From Connon Lane to Murzban Road*]

These are the cross roads

WEST SIDE

Napier Road
A Small Lane
Outram Road
Home Street
Wallace Street
Ravelin Street
Murzban Street

EAST SIDE

Napier Road
Outram Road
Home Street
Wallace Street
Ravelin Street

BATTERY STREET

BOMBAY NO 1

(Jurisdiction : Colaba Police Station)

[*Apollo Pier Road to Lansdowne Road*]

BAZAR GATE STREET

BOMBAY NO 1

(Jurisdiction : Palton Rd. Police Station)

[*From Fort Street to Horniman Circle*]

These are the cross roads

EAST SIDE

Manordas Street
Dwarkadas Lane
Chana Street
Agiary Lane
Modi Street Cross Lane
Sir Phiroshah Mehta Road
Mint Road (Horniman Circle)

WEST SIDE

Manordas Street
Dwarkadas Lane
Chana Street
Agiary Lane
Gunbow Street
Sir Phirozshah Mehta Road
Store Lane
Horniman Circle

BELL LANE

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*Mahatma Gandhi Road to Medows Street*]

BELLASIS ROAD

BOMBAY NO 8

(Jurisdiction Nagpada Police Station)

[*From Duncan Road to Lamington Road South & Bellasis Bridge*]

These are the cross roads

SOUTH SIDE

Sunkerrao Pupala Road
15th Kamatipura Street
Foras Road
Sukhlaji Street
Bellasis Chawl Road No 1
Lamington Road South and Bellasis Bridge

NORTH SIDE

Morland Road
Lamington Road South and Bridge

BHAJIPALA STREET

BOMBAY NO 3

(Jurisdiction : Pydhonie Police Station)

[*From Sheriff Dewjee Street to Abdul Rehman Street*]

These are the cross roads

SOUTH SIDE

Bhajipala Cross Lane
Mahomedali Road
Nagdevi Street
Sarang Street
Abdul Rehman Street

NORTH SIDE

Nagdevi Street
Mohamedali Road
Dhobi Street
Sheriff Dewjee Street

BHALCHANDRA ROAD (SIR)

BOMBAY NO 4

(Jurisdiction : Kingsway Police Station)

[*From Dadar Central Station to Chandavarkar Road, King's Circle, Matunga*]

These are the cross roads

WEST SIDE

Vincent Square Street No 1
Tilak Bridge
D V Pradhan Road
Hindu Colony Road No. 2
Hindu Colony Road No. 3
Hindu Colony Road No. 4
Hindu Colony Road No 5
Khareghat Road
Hindu Colony Road No 6
A Road
A Road
Bhalchandra Cross Road No 2
Gymkhana Road
Deodhar Road
Sir Bhalchandra Road No 3
Bhimani Street

EAST SIDE
Chandavarkar Road
Deodhar Road
Lady Jehangir Road
Khareghat Road
Tilak Bridge

BHAU DAJI ROAD

BOMBAY NO 19

(Jurisdiction : Kingsway Police Station)

[*From Brahamanwada Road to Vincent Road*]

These are the cross roads

EAST SIDE
Scheme No 6, Road No 5
Scheme No 6, Road No 8
Scheme No 6, Road No 9
Scheme No 6, Road No 11
Shradhanand Road
Mahilashram Road
Vincent Road

WEST SIDE
Shradhanand Road
Telang Road
Scheme No 6, Road No 4
Brahamanwada

BHAWANI SHANKAR ROAD

BOMBAY NO 14

(Jurisdiction : Dadar Police Station)

[*From Portuguese Church Street to Gokhale Road*]

These are the cross roads

EAST SIDE
A Lane
A Lane
Delisle Road

WEST SIDE
Gokhale Road
A Street
A Lane
Portuguese Church
A Lane

BHULABHAI DESAI ROAD

BOMBAY NO 26

(Jurisdiction : Gamdevi Police Station)

[*From Nepean Sea Road and Gowalia Tank Road to Hornby Vellard, Clerk and Tardeo Roads*]

These are the cross roads

WEST SIDE
Hornby Vellard, Clerk & Tardeo Roads

EAST SIDE
Jairazbhoy Lane
A Private Road
A Lane
Nawroji Gamadia Road
Pedder Road

BHULESHWAR ROAD

BOMBAY NO 2

(Jurisdiction : Princess Street Police Station)

[*From Kalbadevi Road (Mumbadevi) to Vithalbhai Patel and Thakurdwar Roads*]

These are the cross roads

SOUTH-EAST SIDE
2nd Popalwadi (Bhuleshwar)
3rd Popalwadi Lane
Panchayet Wadi
Dr. Atmaram Merchant Street
Kumbhar Tukda Lane

(Jurisdiction : Malharbourne Police Station)

Vithalbhai Patel Road and Thakurdwar Road

SOUTH-WEST SIDE
Pinjrapole Road
Maruti Lane (Full Gulli) & 3rd Bhoiwada Lane
2nd Bhoiwada Lane
Bhoiwada 1st Lane
Kalbadevi Road (Mumbadevi)

BOMANJI MASTER ROAD

BOMBAY NO 2

(Jurisdiction : Esplanade Police Station)

[*From Kalbadevi Road to Girgaum Road*]

BOMANJI PETIT ROAD

BOMBAY NO 26

(Jurisdiction : Gamdevi Police Station)

[*From Gowalia Tank Road to Bhulabhai Desai Road*]

These are the cross roads

WEST SIDE
Bhulabhai Desai Road

EAST SIDE
Gowalia Tank Road

BORAH BAZAR STREET

BOMBAY NO 1

(Jurisdiction : Palton Rd. Police Station)

[*From Gunbow Street to Fort Street*]

These are the cross roads

WEST SIDE
Gunbow Street
Maruti Lane
Police Court Lane
Jujibhai Dadabhoy Lane
Borah Masjid Street
King Lane
Mangesh Senai Street
Fort Street

EAST SIDE
Agiary Lane
Chana Street
Dwarkadas Street
Manordass Street

BRITISH HOTEL LANE

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Apollo Street*]

BRUCE STREET

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Mahatma Gandhi Road to Apollo Street*]

These are the cross roads

SOUTH SIDE
Dean Lane
Tamarind Lane
Apollo Street

NORTH SIDE
Armenian Lane
Tamarind Lane

BURROW ROAD

BOMBAY NO 1

(Jurisdiction : Colaba Police Station)

[*From Merewether Road to Colaba Causeway*]

These are the cross roads

SOUTH SIDE
Merewether Road
Colaba Causeway

NORTH SIDE
Colaba Causeway

BYCULLA STATION ROAD

BOMBAY NO 11

(Jurisdiction : Agripada Police Station)

[*From Ripon Road to DeLisle Road*]

These are the cross roads

SOUTH SIDE
Mulk Street
Haines Road
Ripon Road

NORTH SIDE
Haines Road
Pass Street
DeLisle Road

CADELL ROAD

BOMBAY NO 28

(Jurisdiction : Dadar & Mahim Police Stations)

[*From Dr A B Road to Mahim Causeway*]

(Jurisdiction : Dadar Police Station)

These are the cross roads

WEST SIDE
Kashinath Dhuru Road to Sea beach
A Private Road
Cemetery No 45, Worli—Hindus
Ranade Road Extension

(Jurisdiction : Mahim Police Station)

Keluskar Road South to Sea beach
Keluskar Road North to Sea beach
Shivaji Park Road No 2
Shivaji Park Road No 5, East to Sea-beach
A Small Lane
A Small Lane
A Lane to Mosque
A Lane to Mahim Fort
Mahim Causeway

[*From Old Prabhadevi Road*]

These are the cross roads

EAST SIDE

(Jurisdiction : Dadar Police Station)

Kashinath Dhuru Road
Ash Lane
Ranade Road Extension

(Jurisdiction : Mahim Police Station)

Shivaji Park Road No 1
Keluskar Road South
Keluskar Road North
Shivaji Park Road No 2
Shivaji Park Road No 5
Lady Hardinge Road
Sitaladevi Temple Road
A Road
Kapad Bazar Lane
A Road
A Lane

CALICUT STREET

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Nicol Road to Frere Road*]

These are the cross roads

NORTH SIDE
Frere Road

SOUTH SIDE
Frere Road

CARMICHAEL ROAD

BOMBAY NO 26
CUMBALLA HILL

(Jurisdiction : Gamdevi Police Station)

[*From Pedder Road*]

CARNAC ROAD

BOMBAY NO 2

(Jurisdiction Esplanade Police Station)

[*From Cruickshank and Kalbadevi Roads to Frere Road*]

These are the cross roads

SOUTH SIDE

Cruickshank Road
Hornby Road

(Jurisdiction Palton Rd Police Station)

Palton Road
Musafarkhana Road
Carnac South Street
Frere Road

NORTH SIDE

(Jurisdiction Pydhonie Police Station)

Madhavrao Rokade Street
Kazi Sayed Street
Sree Raghunath Maharaj Street
Old Bengalpura Street
Sheriff Deujee Street
Mahomedali Road
Nagdevi Street
Pinjari Street
Sarang Street
Abdul Rehman Street
Sheikh Memon Street
New Lohar Street
Mangaldas Road
Patak Wadi Road
Pickett Road
Kalbadevi & Cruickshank Roads

CATHEDRAL STREET

[*See Atmaram Merchant Rd (Dr)*]

CAWASJI PATEL STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*Vir Nariman Street to Gunbow Street*]

These are the cross roads

WEST SIDE

Banaji Street
Ghoga Street
Nadirshaw Sukhia Street
Sir Phirozshah Mehta Road
Gunbow Street

EAST SIDE

Ghoga Street
Nadirshaw Sukhia Street
Sir Phirozshah Mehta Road
Gunbow Street

CHARNI ROAD

BOMBAY NO 4

(Jurisdiction : Maharbouri Police Station)

These are the cross roads

SOUTH SIDE

[*From Queen's Road to Grant Road*]

Goregaumkar Lane
Girgaum Road
Vithalbhai Patel Road

(Jurisdiction : Lamington Rd Police Station)

Sardar Vallabhbhai Patel Road
Khetwadi Main Road
Khetwadi Back Road
Grant Road

NORTH SIDE

Jalbhai Street
Powvalla Street
Charni Road Cross Lane
Tribhuvan Road
Parekh Street
Sardar Vallabhbhai Patel Road
Vithalbhai Patel Road
Girgaum Road
Tata Road No 2
Queen's Road

CHAUPATI ROAD

BOMBAY NO 7

(Jurisdiction : Gamdevi Police Station)

[*From Babulnath Road, Dadysett Road & Babulnath 1st Cross Lane to French Road*]

These are the cross roads

NORTH SIDE

Harvey Road
Bawankhani Lane
French Road

SOUTH SIDE

Harvey Road
French Road

CHAUPATI SEA FACE

BOMBAY NO 7

(Jurisdiction Gamdevi Police Station)

[*From Walkeshwar Road to Western Railway Crossing, Charni Road*]

These are the cross roads

NORTH SIDE

Walkeshwar, Dadysett & Babulnath Roads
Lane to Babula Tank Road
Harvey Road
French Road
Sardar Vallabhbhai Patel Bridge
Private Lane
Level Crossing of Western Rly
Netaji Subhas Road

SOUTH SIDE

Narsi Natha Street

CHINCH BUNDER 1st ROAD

BOMBAY NOS 9 & 3

(Jurisdiction Dongri and Pydhonie Police Stations)

[*From Elphinstone Bridge Cross Lane to Kambekar Street*]

(Jurisdiction : Dongri Police Station)

These are the cross roads

NORTH SIDE

Kessonji Naik Street
Dongri Street
Samuel Street
Tantanpura Street
Nishanpada Road
Tandel Street
Jakeria Musjid Street
Kambekar Street

(Jurisdiction Pydhonie Police Station)

SOUTH SIDE

Jakeria Musjid Street
Dontad Street
Nishanpada Road
Tantanpura Street
Samuel Street
Narsi Natha Street
Chinch Bunder Road
Elphinstone Bridge Cross Lane

CHINCH BUNDER ROAD

[*Now called Maheshwar Road (Dr)*]

BOMBAY NO 9

(Jurisdiction : Dongri Police Station)

[*Narsi Natha Street (Mandvi) to Masgaon Road and Jail Road (East)*]

These are the cross roads

WEST SIDE

Chinch Bunder 1st Road
1st Flank Road
2nd Flank Road
Sardar Vallabhbhai Patel Road
Road No 1 Nowroji Hill
Road No 2 Nowroji Hill
Road No 4 Nowroji Hill
Road No 5 Nowroji Hill
Road No 7 Nowroji Hill
Road No 9 Nowroji Hill
Mazagon Road and Jail Road East

EAST SIDE

Road No 11E Nowroji Hill
Road No 11D2 Nowroji Hill
Road No 11D1 Nowroji Hill
Road No 11C Nowroji Hill
Road No 11B Nowroji Hill
Road No 11A Nowroji Hill
Dongri Bridge
Chinch Bunder Road B
Chinch Bunder Road A
Chinch Bunder 1st Road
Narsi Natha Street

CHINCHPOKLI ROAD

BOMBAY NO 12

(Jurisdiction : Kalachowki Police Station)

[*From Parel Chawl Road to Arthur Road*]

These are the cross roads

NORTH WEST SIDE

Kala Chowki Road

SOUTH-EAST SIDE

Albert Road
Chinchpokli Cross Lane
Parel Chawl Road
Library Street
Akshikar Street

CHURCHGATE STREET

[*See Vir Nariman Street*]

CLARE ROAD

BOMBAY NO 8

(Jurisdiction : Nagpada Police Station)

[*Between Old Parsi Statue and Byculla Bridge*]

These are the cross roads

WEST SIDE

Lane to Ripon Road
A Small Lane
Sankli Street

EAST SIDE

New Nagpada Road
Shepherd Road
Christ Church Road
Victoria Gardens Road

CLUB BACK ROAD

BYCULLA, BOMBAY NO 8

(Jurisdiction : Nagpada Police Station)

[*From Souter Street to Morland Road*]

These are the cross roads

NORTH SIDE

Reynold's Road
Relsch Street
Morland Road

SOUTH SIDE

Club Cross Road
Morland Road

CLUB ROAD

BYCULLA, BOMBAY NO 8

(Jurisdiction : Nagpada Police Station)

[*From Lamington Road to Morland Road*]

These are the cross roads

NORTH SIDE

Club Cross Road
Morland Road

COLABA CAUSEWAY

BOMBAY NO. 1

(Jurisdiction Colaba Police Station)

[*From Colaba Road to Apollo Bunder Road*]

These are the cross roads

EAST SIDE

Arthur Bunder Road
Garden Road
Walton Road
Henry Road
Barrow Road
Ormiston Road
Mandlik Road
Nowroji Fardunji Road
Lansdowne Road
Apollo Bunder Wodehouse Roads

WEST SIDE

Ormiston Street
Convent Street

COLABA ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Colaba Point to Colaba Causeway*]

These are the cross roads

WEST SIDE

Gate to Colaba Military Camp
Windy Hall Lane
Wodehouse Road
Colaba Cross Lane
Kuttridge Road
3rd Pasta Lane
2nd Pasta Lane
1st Pasta Lane
Colaba Causeway

EAST SIDE

Sassoon Dock Road
Dumayne Road
Victoria Bunder Road
Hormusji Street
Borah Cross Lane
Hamal Street
Lala Nigam Road
Colaba Causeway

CONNAUGHT ROAD

BOMBAY NO 10

(Jurisdiction Byculla Police Station)

[*From Victoria Gardens Road to Reay Road*]

These are the cross roads

NORTH SIDE

Sussex Road
Ghorupdeo Road
Connaught Cross Road
Reay Road

SOUTH SIDE

Ghorupdeo Road
Connaught Cross Road
Reay Road

CONVENT STREET

BOMBAY NO 1

(Jurisdiction : Colaba Police Station)

[*From Wodehouse Road to Colaba Causeway*]

COOPERAGE ROAD

BOMBAY NO 1

(Jurisdiction : Colaba Police Station)

[*From Mayo Road to Wodehouse Road*]

These are the cross roads

EAST SIDE

Wodehouse Road

WEST SIDE

Wodehouse Road

COWASJI HORMASJI STREET (DR.)

BOMBAY NO 2

(Jurisdiction : Esplanade Police Station)

[*From Girgaum Road to Queen's Road*]

These are the cross roads

SOUTH SIDE

Trinity Street
Adamji Peerbhai Market
Fish Market Lane
Sorabji Santuk Lane
Dady Santoke Lane
Lohar Street Cross Lane
Dhuswadi (Dhobi Talao)
Queen's Road

NORTH SIDE

Chandanwadi Lane
Chandanwadi Lane
Charniwadi Lane
Girgaum Road

CRUICKSHANK ROAD

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[*From Dhobi Talao to Hornby Road*]

These are the cross roads

EAST SIDE

Gymnasium Road
Council Road

CUFFE PARADE

BOMBAY NO 5

(Jurisdiction Colaba Police Station)

[*From Wodehouse Bridge to Military Barracks*]

These are the cross roads

NORTH SIDE

Kuttridge Road
Lazul Road
Khatau Road
Panday Road

CURRIMBHOY ROAD

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Nicol Road to Sprott Road*]

CUSTOM HOUSE ROAD

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Horniman Circle to Apollo Street*]

These are the cross roads

WEST SIDE

Green Street
Bank Street
Marine Street
Apollo Street

EAST SIDE

Apollo Street

DADABHOY ROAD

BOMBAY NO 23 & 24

(Jurisdiction : Santa Cruz Police Station)

[*From Juhu Road to Linking Road*]

These are the cross roads

EAST SIDE

Cross Lane
A Lane
Cross Lane
Cross Lane
South Avenue Road
Linking Road

WEST SIDE

Cross Lane
Cross Lane
A Small Lane
Cross Lane
Juhu Road

DADABHOY NAOROJI ROAD

(See Hornby Road)

DADAR MAIN ROAD

BOMBAY NO 14

(Jurisdiction Bhoiwada Police Station)

[*From Suparibagh Road to Kolwada Road and Vincent Road*]

These are the cross roads

EAST SIDE

St Xavier's Street
Road No 16 Naigaum
A Lane
Govindji Keni Road
Vincent Road
Dadasahib Phalke Road

WEST SIDE

A Lane
Here are Elphinstone Rd
Suparibaug Road

DADAR ROAD

BOMBAY NO 14

(Jurisdiction : Dadar Police Station)

[*From Railway Cross Bridge to Portuguese Church St*]

SOUTH SIDE

A Street
Bhawani Shankar Road

NORTH SIDE

Portuguese Church Street
Station Road

DADASAHEB PHALKE ROAD

BOMBAY NO 14

(Jurisdiction Bhoiwada Police Station)

[*From Dadar Main Road, Vincent Road and Kolwada Road to Dadar Railway Station*]

These are the cross roads

EAST SIDE

A Street
Goculdas Pasta Road
Naigaum Cross Road

WEST SIDE

Dadar Cross Road
Dadar Main Road

DADI SHET AGIARY STREET

BOMBAY NO 2

(Jurisdiction : Princess St. Police Station)

[*From Kalbadevi to Girgaum*]

These are the cross roads

NORTH SIDE

Khanderao Wadi
Malharrao Wadi
Assembly Lane
Dr Atmaram Merchant Road
Fanaswadi Lane
Fanaswadi 2nd Lane
Girgaum Road

SOUTH SIDE

Cavel Street
Cavel Cross Lane No 2
Cavel Cross Lane No 3
Cavel Cross Lane No 4
Kalbadevi Road

DADYSETT ROAD

BOMBAY No 7

(Jurisdiction : Gamdevi Police Station)

[*From Babulnath Road to Walkeshwar Road*]

These are the cross roads

WEST SIDE

Dadyseth 2nd Cross Lane
Walkeshwar Road

EAST SIDE

Babulnath Road

DALAL STREET

BOMBAY No 1

(Jurisdiction Palton Rd Police Station)

[*From Apollo Street to Medows Street*]

These are the cross roads

NORTH SIDE

Medows Street

SOUTH SIDE

Medows Street

DEAN LANE

BOMBAY No 1

(Jurisdiction : Palton Rd Police Station)

[*From Hamam Street to Tamarind Lane*]

These are the cross roads

WEST SIDE

Tamarind Lane

EAST SIDE

Tamarind Lane

DELISLE ROAD

BOMBAY No 8

(Jurisdiction : DeLisle Rd & Agripada Police Stations)

[*From Haines Road to New Parbhadevi Road and Elphinstone Road*]

(Jurisdiction : Agripada Police Station)

These are the cross roads

WEST SIDE

Byculla Station Road
1st DeLisle Road Cross Lane
Clerk Road

(Jurisdiction : DeLisle Rd Police Station)

Arthur Road
A Lane
A Lane
A Lane
DeLisle Road Bridge
Fergusson Road
Tulsi Pipe Road
Globe Mill Passage
New Parbhadevi & Elphinstone Roads

EAST SIDE

Tulsi Pipe Road
Carroll Road
Central Rly Store Lane
Currey Road Low Level Road, North
Currey Road Overbridge
Currey Road Low Level Road, South
Arthur Road

(Jurisdiction : Byculla Police Station)

Garden Bridge Road
Haines Road

DIMTIMKAR ROAD

BOMBAY No 8

(Jurisdiction : Nagpada Police Station)

[*From Victoria Gardens Road to Bellasis Road*]

These are the cross roads

SOUTH SIDE

Sheikh Buran Kamudin Street
Temkar Street
Huzeria Street
Mustan Tank Cross Lane
Tank Street
Bellasis Road

NORTH SIDE

3rd Peerkhan Street
1st Peerkhan Street
1st Peerkhan Street
Bellasis Road

DINSHAW WACHHA ROAD

BOMBAY No 1

(Jurisdiction : Esplanade Police Station)

[*From Netaji Subhas Road to Queen's Road*]

These are the cross roads

NORTH SIDE

Jamshedji Tata Road
A Road
Queen's Road & Churchgate Reclamation

SOUTH SIDE

Jamshedji Tata Road
Netaji Subhas Road

DOCKYARD ROAD

BOMBAY No 10

(Jurisdiction : Byculla Police Station)

[*From Mazagon Road and Belvedere Road to Mazagon Pier*]

These are the cross roads

WEST SIDE

Nesbit Road
Gunpowder Road

NORTH SIDE

Gangabouri Road
Gunpowder Lane
Reay Road
Coppersmith Street
Belvedere Road
Reay Road
Carpenter Street
Muzawar Pakadi Road

DONGARSI ROAD

BOMBAY No 6

(Jurisdiction : Gamdevi Police Station)

[*From Ridge Road and Harkness Road*]

These are the cross roads

NORTH SIDE

A Road
Dongarsi Road Cross Lane

SOUTH SIDE

A Road

DONGRI STREET

BOMBAY No 9

(Jurisdiction : Dongri Police Station)

[*From Sardar Vallabhbhai Patel Road to 1st Chinch Bunder Road and Narsi Natha Street*]

These are the cross roads

WEST SIDE

Narsi Natha Street
Sardar Vallabhbhai Patel Road

EAST SIDE

1st Flank Road
2nd Flank Road
Sardar Vallabhbhai Patel Road

DOUGALL ROAD

BOMBAY No 1

(Jurisdiction : Palton Road Police Station)

[*From Ballard Road and Sprott Road to Wittet Road*]

These are the cross roads

SOUTH SIDE

Graham Road
Wittet Road

NORTH SIDE

Graham Road
Wittet Road

D'SILVA ROAD (DR.)

BOMBAY No 14

(Jurisdiction : Dadar Police Station)

[*From Tulsi Pipe Road to Lady Jamshetji Road*]

This is a cross road

Lady Jamshetji Road

DUMAYNE ROAD

BOMBAY No 5

(Jurisdiction Colaba Police Station)

[*From Colaba Road*]

This is a cross road

Sassoon Dock Cross Road

DUNCAN ROAD

BOMBAY No 4

(Jurisdiction Nagpada Police Station)

[*From Bellasis Road to Erskine Road and Falkland Road*]

These are the cross roads

EAST SIDE

Duncan Road Cross Lane
Grant Road
Bapty Road
2nd Duncan Road Cross Lane
Guzar Street
Sardar Vallabhbhai Patel Road
Erskine Road

WEST SIDE

13th Kamatipura Street
6th Kamatipura Street
Grant Road
Bapty Road
2nd Duncan Cross Lane
Durgadevi Street
1st Duncan Road Cross Lane
2nd Bhandari Cross Lane
Sardar Vallabhbhai Patel Road
Falkland and Erskine Roads

ELPHINSTONE CIRCLE

[*See Horniman Circle*]

ELPHINSTONE ROAD

BOMBAY No 12

(Jurisdiction : DeLisle Rd. Police Station)

[*From New Parbhadevi & DeLisle Roads to Supari baug and Parel Porbandi*]

These are the cross roads

NORTH SIDE

Gokhale Road South
Sayani Road
A Road
Elphinstone Bridge
Lane to Central Rly Parel Station
Supari baug & Dadar Main Roads

SOUTH SIDE

A Road
DeLisle & New Parbhadevi Roads

ERSKINE ROAD

BOMBAY No. 3

(Jurisdiction : Pydhonie Police Station)

[*From Kika Street and Duncan Road to Sardar Vallabhbhai Patel Road and Nisam Cross Lane*]

These are the cross roads

NORTH SIDE

Bara Imam Road
Khoja Street Cross Lane

Doctor Street
Sardar Vallabhbhai Patel Road

SOUTH SIDE

Goghari Mohalla
Kazi Street
Ali Umar Street
Bapu Khote Street
Kika Street and Duncan Road

FALKLAND ROAD

BOMBAY NOS 4 & 8

(Jurisdiction Maharbowri & Lamington Road Police Stations)

[*From Corner of Null Bazar to Falkland Bridge and Lamington Road*]

These are the cross roads

WEST SIDE

(Jurisdiction Maharbowri Police Station)

1st Carpenter Street
2nd Carpenter Street
Sindhi Lane
Islampura Street
Ardeshir Dady Street
Sardar Vallabhbhai Patel Road
Khotwadi Back Road
Falkland 1st Cross Lane
Falkland 2nd Cross Lane
Falkland 3rd Cross Lane
Falkland 4th Cross Lane
Khambata Lane
Khotwadi 10th Lane

(Jurisdiction Lamington Rd Police Station)

Grant Road
Balaram Road
Foras Road
Lamington Road and Falkland Bridge

EAST SIDE

Gilder Street
Foras Road
Bapty Road

(Jurisdiction Maharbowri Police Station)

Grant Road
9th Falkland Cross Lane
8th Falkland Cross Lane
7th Falkland Cross Lane
6th Falkland Cross Lane
5th Falkland Cross Lane
Trimbak Parshram Street
Sardar Vallabhbhai Patel Road
Northbrook Street
Kumbharwada Street
Bhandari Street
Null Bazar

FAZUL ROAD

BOMBAY NO 5

(Jurisdiction : Colaba Police Station)

[*From Cuffe Parade to Wodehouse Road*]

These are the cross roads

NORTH SIDE

Sobani Road

SOUTH SIDE

Wodehouse Road
Sobani Road

FERGUSSON ROAD

BOMBAY NO 13

(Jurisdiction : DeLisle Rd Police Station)

[*From Worli Naka to DeLisle Road (Parel)*]

These are the cross roads

NORTH SIDE

A Lane
Tulsi Pipe Road
DeLisle Road

SOUTH SIDE

Sun Mill Road
Municipal Market
Tulsi Pipe Road
Planet Mill Street
Barnes Road

FORAS ROAD

BOMBAY NO 7

(Jurisdiction : Nagpada & Lamington Rd Police Stations)

[*From Bellasis Road to Grant Road Station*]

These are the cross roads

WEST SIDE

14th Kamatipura Street
13th Kamatipura Street
12th Kamatipura Street
Suklaji Street
Bellasis Canal Road No 2
Falkland Road
Lamington Road
Uranwala Street
Grant Road Station

EAST SIDE

Lamington Road
Nassarwanji Petit Street
Mehta Patel Agrary Street
Balaram Street
Falkland Road
Jairajbhai Lane
Sukhlaji Street
10th Kamatipura Street
11th Kamatipura Street
12th Kamatipura Street
13th Kamatipura Street
14th Kamatipura Street
Bellasis Road

FORBES STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*Apollo Street to Mahatma Gandhi Road*]

These are the cross roads

SOUTH SIDE

Bakehouse Lane
Ropewalk Street
Mahatma Gandhi Road

NORTH SIDE

Medows Street
Ropewalk Street
Rutherford Street
Mahatma Gandhi Road

FORJETT STREET

BOMBAY NO 26

(Jurisdiction Gamdevi Police Station)

[*From Gowalia Tank Road to Tardeo Road*]

These are the cross roads

WEST SIDE

Forjett Street Cross Lane
Forjett Street Cross Lane
A Lane
Tardeo Road

FORT STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Hornby Road to Nicol Road*]

These are the cross roads

NORTH SIDE

St George's Road
Frere Road
Wattet Road and Nicol Road

SOUTH SIDE

Frere Road
Mint Road
Modi Street
Bazar Gate Street
Borah Bazar Street
Mangesh Sinai Street
Hornby Road

FRENCH ROAD

BOMBAY NO 7

(Jurisdiction Gamdevi Police Station)

[*From Choupatty Sea Face Road French Bridge*]

These are the cross roads

EAST SIDE

Hughes Road
Sandhurst Bridge

WEST SIDE

Chowpatty Road
Hughes Road
Harischandra Goregaokar Road
French Bridge

FRERE ROAD

BOMBAY NO 9

(Jurisdiction Palton Rd & Pydhonie Police Stations)

[*From Mint Road to Wadi Bunder Road*]

These are the cross roads

WEST SIDE

Kumpta Street
Kanwar Street
Goa Street
Fort Street
St George's Road
Carnac Road
Poona Street
Sholapur Street
Raichur Street
Sardar Vallabhbhai Patel Road

EAST SIDE

Cochin Street
Calicut Street
Mangalore Street
Kumpta Street
Kanwar Street
Goa Street
Fort Street
A Road

FULLER ROAD

FORT, BOMBAY NO 1

(Jurisdiction : Colaba Police Station)

[*From Mahatma Gandhi Road to Mayo Road*]

This is a cross road

SOUTH SIDE

Hope Street

GAMDEVI ROAD

BOMBAY NO 7

(Jurisdiction Gamdevi Police Station)

[*From Gowalia Tank Road to Harvey Road*]

These are the cross roads

EAST SIDE

Bhasker Bhau Lane
Harischandra Goregaokar Road

WEST SIDE

Gowalia Tank Road, Harvey Road and Girgaum Road
Harvey Road

NORTH SIDE

A Lane
Alexandra Road
Laburnum Road
Harvey Road

GARDEN ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Colaba Causeway to Merewether Road*]

These are the cross roads

SOUTH SIDE

Merewether Road

NORTH SIDE

Oliver Street
Merewether Road

GELL STREET

BOMBAY NO 11

(Jurisdiction : Agripada Police Station)

[*From Anandrao Nair Road to Ripon Road*]

These are the cross roads

SOUTH SIDE

Mothibai Street
Rebsch Street
Agripada Chawl Street
Ripon Road

GHODBUNDER ROAD

BOMBAY NOS 20, 21, 23 & 24

(Jurisdiction : Bandra, Santa Cruz and Andheri Police Stations)

[*From Mahim Causeway to Jauli Bunder, Goregaon Bridge*]

These are the cross roads

WEST SIDE

A Small Lane
Madhavrao Sawant Road
Hill Road
National Library Road
Old Ghodbunder Road
1 Lane
Turner Road
A Small Lane
A Small Lane
2nd Road
1st Road
8th Road
A Road
South Avenue
1 Road
North Avenue
Gurjar Lane
1 Small Lane
Cottage Lane
Station Road
A Small Lane
A Small Road
Juhu Road
1 Lane
1 Lane
A Small Lane
A Small Lane
Government of India Private Road
Aerodrome Private Lane
A Road
Juhu Lane
1 Road
A Small Lane
Cama Road
Andheri Garthan Lane No 1
Andheri Garthan Lane No 2
Andheri Garthan Lane No 3
Pandu Patil Lane
Jayprakash Road
Market Road
Amboli Road
A Small Lane
A Small Lane
A Lane
Greater Bombay Border

EAST SIDE

Maulana Bab Lane
Bandra Station Road
National Library Road
4 Pond
Turner Road
A Road
A Lane
A Lane
Khar Station Road
1st Road
A Road
St Francis Avenue
A Road
Chapel Lane
Santa Cruz Station Road
Tilak Road
Saibab Lane
A Lane
A Road
Road to Bombay Airport, Santa Cruz
Church Road
Vile Parle Station Road
Police Station Road
Dadabhai Road
A Road
A Road
Andheri Station Road
Mathurdas Wasanji Road
Society Road
Jogeshwari Caves Road
A Road
Jauli Bunder Jogeshwari Bridge
Greater Bombay Border

GHOGA STREET

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Hornby Road to Parsee Bazar Street*]

These are the cross roads

SOUTH SIDE

Cawasjee Patel Street
Parsee Bazar Street

NORTH SIDE

Pitha Street
Cawasjee Patel Street
Parsee Bazar Street

GHORUPDEO ROAD

BOMBAY NO 10

(Jurisdiction Byculla Police Station)

[*From Tank Bunder & Mount Roads to Reay Road*]

These are the cross roads

WEST SIDE

Tank Bunder and Mount Road
Connaught Road
Dhaku Prabhu Lane
1 small Lane
A Lane
Chinchpokli Cross Lane
Albert Road
Reay Road

EAST SIDE

Reay Road
Albert Road
Arch Bungalow Road
Subhash Lane
Ghorupdeo Cross Lane
Connaught Road Cross Lane
Connaught Road
Ghorupdeo Cross Road
Tank Bunder Road and Mount Road

GIBBS ROAD

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[*From Gowalia Tank Road to Ridge Road*]

GIBBS ROAD (LITTLE)

MALABAR HILL, BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[*From Ridge Road*]

GIRGAUM ROAD

BOMBAY NOS 2 & 4

(Jurisdiction Princess St, Maharbowri, Esplanade & Lamington Road Police Stations)

[*Between Dhobi Talao on the South to Opera House on the West*]

(Jurisdiction : Esplanade Police Station)

These are the cross roads

EAST SIDE

Jambulwadi (West)
Bomanji Master Road
Princess Street

(Jurisdiction Princess St. Police Station)

Kolbhat Street
Cheera Bazar (Vegetable Market)
Dr Vregas Street
Cavel Cross Lane No 11
Dadyshet Agiari Street
Zaoba s Oart, Dhus Wadi

(Jurisdiction Maharbowri Police Station)

Thakurdwar Road
Mughbhat Street
Borbhat Lane
Khadilkar Road
Nakaduadi Lane
Khotachi Wadi
Charni Road

(Jurisdiction : Lamington Rd Police Station)

Benham Hall Lane
Bhatwadi 1st Lane
Bhatwadi 2nd Lane
Dr Anantibai Gokhale Road
Lamington Road
Sardar Vallabhbhai Patel Road
Kennedy Bridge
Vithalbhai Patel Road
Gowalia Tank Road

WEST SIDE

Harischandra Goregaokar Road
Kennedy Bridge
New Queen s, Sardar Vallabhbhai Patel and Mathew Roads
Lamington Road
Tata Road No 1
Charni Road

(Jurisdiction : Maharbowri Police Station)

Ganadi
Kalewadi
Mangalwadi
Thakurdwar Road

(Jurisdiction : Princess St Police Station)

Kareluadi
Hemrajuadi
Bhau Jhanji s Lane
Nowrojee Seth Street
Gangaram Khatre s Wadi
Burrows Lane
Shanker Bari Lane
Cadar Street
Dukerwadi
Tadwadi
Sonapur Street
Dadi Santook Lane
Chandanwadi

(Jurisdiction Esplanade Police Station)

Princess Street
Dr Cowasji Hormusji Street
Hamal Wadi
Dhobi Talao 2nd Street
Dhobi Talao 1st Street
Mahatma Gandhi Road

GOA STREET

BALLARD ESTATE, BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Mint Road to Nicol Road*]

These are the cross roads

SOUTH SIDE

Frere Road

NORTH SIDE

Frere Road
Nicol Road

GOKHALE ROAD (NORTH)

DADAR, BOMBAY NO 14

(Jurisdiction Dadar Police Station)

[From Lady Jamshedji Road to Gokhale Road South]

These are the cross roads

EAST SIDE

D L Vaidya Road
Ranade Road Extension
A Street
Portuguese Church Street

WEST SIDE

Portuguese Church Street
A New Lane
A small Lane
Ash Lane
Anant Patil Road
Ranade Road Extension
Shivaji Park Road
Shivaji Park Road No 3
Keluskar Road

GOVERNMENT GATE ROAD

PAREL, BOMBAY NO 12

(Jurisdiction : Kalachowki Police Station)

[From Parel Chawl Road to King Edward Road]

These are the cross roads

EAST SIDE

A Lane

(Jurisdiction : Bhoiwada Police Station)

Parel Back Road
King Edward Road

WEST SIDE

Chamarbaug Road
Dr Shirodkar Road
Jeejeebhoy Lane
Ganesh Lane
A Lane

GOVINDJI KENI ROAD

BOMBAY NO 12

(Jurisdiction Bhoiwada Police Station)

[From the Junction of Vincent Road and Dadar Main Road to the Junction of Jerbai Wadia, Nayak and Bhoiwada Roads]

These are the cross roads

NORTH SIDE

A Cross Lane
Scheme 60, Road No 3, Naigaum Road
1 Road
St Xavier's Street
Jerbai Wadia, Nayak and Bhoiwada Roads

SOUTH SIDE

Naigaum Cross Road
Road No 9, Naigaum
Road No 16, Naigaum
A small Road
Jerbai Wadia, Nayak and Bhoiwada Roads

GOWALIA TANK ROAD

BOMBAY NO 7

(Jurisdiction : Gamdevi Police Station)

[Between Nana Chowk and Nepean Sea Road]

These are the cross roads

SOUTH SIDE

Gowalia Tank Cross Lane
Pan Gully
Hughes and Gibbs Roads
Sir Jamsetjee Road leading to Parsee Tower of Silence
Dadysett Hill Private Road
Nepean Sea Road and Bhulabhai Desai Road

NORTH SIDE

Bomanji Petit Road
Cumballa Road
Pedder Road
Altamont Road and Hermitage Pass
Raghaoji Road
Forjett Street
A Cross Lane

GRAHAM ROAD

BALLARD ESTATE, BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[From Ballard Pier Road to Nicol Road]

These are the cross roads

NORTH SIDE

Dougall Road
Sprott Road
Nicol Road

SOUTH SIDE

Dougall Road
Sprott Road
Nicol Road

GRANT ROAD

BOMBAY NO 8

(Jurisdiction Lamington Rd, Nagpada Police Station, Maharbowri and Dongri Police Stations)

[From Frere Bridge & Lamington Road to Victoria Garden & Ibrahim Rahimtoola Roads]

These are the cross roads

NORTH SIDE

Lamington Road
Mehta Patel Agiary Street
A Lane
Balaram Street
Cruickshaw Hakim Road

(Jurisdiction Nagpada Police Station)

Falkland Road
Arab Lane
Sultaji Street
Trimbak Parashram Street
Ahmed Oomar Street
Bapty Road
Duncan Road
Tank Street
Khandia Street
Undria Street
Huzria Street
Temkar Street
Shaikh Buran Khamdin Street
Victoria Garden & Ibrahim Rahimtoola Roads

SOUTH SIDE

Lamington Road
Charni Road
Trimbak Parshram Street
Khetwadi 12th Lane

(Jurisdiction Maharbowri Police Station)

Khetwadi 10th Lane
Falkland Road
Northbrook Street
Trimbak Parshram, Northbrook and Kumbharwada Streets
Bapty Road
Duncan Road

(Jurisdiction : Dongri Police Station)

Bara Imam Road
Chimna Butcher Street
Mutton Street
Doctor Street
Dhaboo Street
Pakmodia Street
Victoria Garden & Ibrahim Rahimtoola Roads

GREEN STREET

FORT, BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[Apollo Street to Custom House Road]

These are the cross roads

NORTH SIDE

Bank Street

SOUTH SIDE

Bank Street

GUNBOW STREET

FORT, BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[From Bazar Gate Street to Hornby Road]

These are the cross roads

NORTH SIDE

Bohra Bazar Street
Parsee Bazar Street
Bomanji Lane
Raghunath Dadaji Street
Hornby Road

SOUTH SIDE

Homji Street
Parsee Bazar Street
Cavasji Patel Street
Lane joining Sir Pherozshah Mehta Road

GYMNASIUM ROAD

FORT, BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[From Hornby Road to Cruickshank Road]

HAINES ROAD

BOMBAY NO 18

(Jurisdiction : Agripada & DeLisle Rd Police Stations)

[From DeLisle Road on the East to Jacob Circle and from Mahalakshmi Bridge to Dr Annie Besant Road]

(Jurisdiction Agripada Police Station)

These are the cross roads

WEST SIDE

Souter Street
Tank Pathadi Road
Sunder Street
Byculla Station Road
Jacob Circle
Dhobiwada Road
Western Railway Crossing Bridge
Fergusson and Love Grove Roads

EAST SIDE

DeLisle Road
Byculla Station Road
Jacob s Circle

(Jurisdiction DeLisle Road Police Station)

Western Railway Crossing Bridge
1 Lane
Fergusson and Love Grove Roads

HAMAM STREET

FORT, BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[Meadows Street to Apollo Street]

These are the cross roads

NORTH SIDE

Dean Lane
Apollo Street

SOUTH SIDE

Apollo Street

HARKNESS ROAD

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[From Indge Road to Narayan Dabholkar Road]

These are the cross roads

NORTH SIDE

Nepean Sea Road

SOUTH SIDE

Dongarsi Road Cross Lane

HARVEY ROAD

BOMBAY NO 7

(Jurisdiction Gamdevi Police Station)

[From Chowpatty Sea Face Road on the West to Nana Chowk on the East (Gamdevi Road)]

These are the cross roads

WEST SIDE

Babulnath 1st Cross Road
Chowpatty Road
Hughes Road
Vachhagandhi Road
Laburnum Road
Alexandra Road

EAST SIDE

Alexandra Road
Laburnum Road
Gamdevi Road
Hughes Road
Chowpatty Road
Chowpatty Parade

HENRY ROAD

COLABA, BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[From Colaba Causeway to Strand Road]

These are the cross roads

NORTH SIDE

Mereuether Road
Strand Road

SOUTH SIDE

Mereuther Road
Hope Street

HILL ROAD

BOMBAY NO 20

(Jurisdiction : Bandra Police Station)

[From Bandra Railway Station to Mount Mary Road]

These are the cross roads

NORTH SIDE

Ghodbunder Road
Private Road
Old Ghodbunder Road
St Martin's Road
Water Field Road
Prof D Almeida's Road
Pali Road
Somnath Lane
St Andrew's Road
St Paul's Road
Jeejeebhoy Road
Mount Mary Road

SOUTH SIDE

Waroda Road
St Peter's Road
A Private Lane
Boran Road
Chinchpokli Street
Old Ghodbunder Road
Ghodbunder Road

HOME STREET

FORT, BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[From Hornby Road to Waudby Road]

These are the cross roads

NORTH SIDE

Bastion Road
Murzban Road
Waudby Road

SOUTH SIDE

Bastion Road
Murzban Road
Waudby Road

HOMJI STREET

FORT, BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[From Horniman Circle to Pharozshah Mehta Road]

These are the cross roads

WEST SIDE

Store Lane

HOPE STREET

FORT, BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[From Mahatma Gandhi Road to Fuller Road]

HORMUSJI ADENWALA ROAD

BOMBAY NO 19

(Jurisdiction Kingsway Police Station)

[From Vincent Road, King's Circle Garden to Lady Jehangir Road]

These are the cross roads

EAST SIDE

Road No 33, Parsee Colony
A Street
Road No 31, Parsee Colony
Road No 29, Parsee Colony
A Road
Lady Jehangir Road

WEST SIDE

A Road
Parsee Colony Road No 30
Jam-e-Jamshed Road
Vincent Road

HORNBY ROAD

[Officially, Dadabhoy Naoroji Rd.]

FORT BOMBAY NO 1

(Jurisdiction Palton Rd & Esplanade Police Stations)

[Carnac Road to Mahatma Gandhi Road—Flora Fountain]

These are the cross roads

EAST SIDE

Market Road
Palton Road
Fort Street
Mangesh Senoy Street
Jivaji Lane
Jijibhoy Dadabhoy Road
Police Court Lane
Raghunath Dadaji Street
Gunbow Street
Pharozshah Mehta Road
Ghoga Street
Nanabhai Lane
Vir Nariman Street

WEST SIDE

Gymnasium Road
Council Road
Cruickshank Road
Waudby Road
Ravelin Street
Wallace Street
Home Street
Outram Road
Napier Road
Connon Road
Mahatma Gandhi Road

HORNBY VELLARD

[From Junction of Tardeo Road and Clock Road to Annie Besant Road]

HORNIMAN CIRCLE

[Formerly called Elphinstone Circle]

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[From Town Hall]

These are the cross roads

Custom House Road & Bazar Gate Street
Homji Street
Parsee Bazar Street
Vir Nariman Street
Apollo Street
Bank Street
Custom House Road

HOSPITAL AVENUE ROAD

PAREL, BOMBAY NO 12

(Jurisdiction Bhoiwada Police Station)

[From Jerbai Wadia Road to Suparibaug Road]

These are the cross roads

EAST SIDE

King Edward Road
Chamarbaug Road
Dr Shirodkar Road
Suparibaug Road

WEST SIDE

Dr Shirodkar Road
A Lane
Chamarbaug Road
Amar Merwanji Street
Dadabhoy Chamarbagwala Road
Jehangir Merwanji Street
Dr Bathwala Road
Gokhale Society Lane
King Edward Road
Jerbai Wadia Road

HOSPITAL LANE

FORT, BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[From Marine Lines to Mahatma Gandhi Road]

HUGHES ROAD

BOMBAY NOS 7 & 26

(Jurisdiction Gamdevi Police Station)

[From Sardar Vallabhbhai Patel Road to Kemp's Corner]

These are the cross roads

EAST SIDE

French Road
Harvey Road
Vatchaghandi and Owen Dunn Roads
Owen Dunn Road
Pan Gully
Gowalia Tank, Pedder & Gibbs Roads

WEST SIDE

Parsee Punchayet's Private Road
Babulnath Road
Harvey Road
French Road
Sardar Vallabhbhai Patel Road

IBRAHIM RAHIMTOOLA ROAD

BOMBAY NO 8

(Jurisdiction : Pydhonie and Dongri Police Stations)

From Abdul Rehman Street and Kalbadevi Road (Pydhonie) to Victoria Gardens Road]

(Jurisdiction Pydhonie Police Station)

These are the cross roads

WEST SIDE

Bapu Khote Cross Street
Banian Road
Goghari Mohalla 2nd Cross Lane
Ismail Curtay Road
Musjid Street
Nizam Street
Sardar Vallabhbhai Patel Road

(Jurisdiction Dongri Police Station)

Dharamsee Street
Guzar Street
Khara Tank Street
1st Cooper Street
2nd Cooper Street
Yacoob Street
Bapty Road
Grant Road and Victoria Gardens Road

(Jurisdiction Pydhonie Police Station)

EAST SIDE

Kolsa Street
Pydhonie Road
Chunam Kiln Street
Mohamedali Road

(Jurisdiction Dongri Police Station)

Sardar Vallabhbhai Patel Road
Imamwada Road
Line Lane
1 Small Lane
Bavala Tank Road and Victoria Gardens Road

JACOB'S CIRCLE

BOMBAY NO 11

(Jurisdiction Agripada Police Station)

[North End of Ripon Road]

These are the cross roads

Haines Road
Clerk Road
Arthur Road
Haines Road
Worli Road
Mahalaxmi Bridge
Clerk Road
Arthur Road
Ripon Road

JAKARIA MUSJID STREET

BOMBAY NO 9

(Jurisdiction Pydhonie and Dongri Section Police Stations)

[From Musjid Lunder Road (Mandvi) to Sardar Vallabhbhai Patel Road]

These are the cross roads

EAST SIDE

(Jurisdiction Dongri Section Police Station)

Pydhonie Road
1st Chinch Bunder Road
Old Nagpada Lane
Sardar Vallabhbhai Patel Road

WEST SIDE

Old Nagpada Lane
1st Chinch Bunder Road

(Jurisdiction Pydhonie Police Station)

Pydhonie Road
Musjid Bunder Road

JAME-JAMSHED ROAD

BOMBAY NOS 14 & 19

(Jurisdiction Kingsway Police Station)

[From Hormusji Adenwala Road to Tilak Road]

These are the cross roads

WEST SIDE

Seth Bhagavandas Narothamdas Road
Lady Jehangir Road
Khareghat Road
Mancherji Joshi Road

EAST SIDE

Seth Bhagavandas Narotamdas Road
A Road
Lady Jeghangir Road
Khareghat Road

JAMSHEDJI TATA ROAD

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[From Vir Nariman Street and Queen's Road to Dinshaw Wachha Road]

These are the cross roads

WEST SIDE

Dinshaw Wachha Road

EAST SIDE

Dinshaw Wachha Road
A Road
Vir Nariman Road and Queen's Road

JANJIKAR STREET

BOMBAY NOS 2 & 3

(Jurisdiction : Pydhonie Police Station)

[From Sheikh Memon Street (near Jumma Musjid) to Dongri Street]

These are the cross roads

SOUTH SIDE

Mirchi Market Lane
Abdul Rehman Street
Sarang Street
Nagdevi Street
Mohamed Ali Road
Sheriff Devjee Street
Old Bengalpura Street
Sri Raghunath Maharaja Street
Kazi Syed Street
Dongri Street

NORTH SIDE

Kazi Syed Street
Sri Raghunath Maharaja Street
Bhandari Cross Lane
Sheriff Devjee Street
Mohamed Ali Road
Nagdevi Street
Sarang Street
Abdul Rehman Street
Sheikh Memon Street

JAYA PRAKASH ROAD

(Jurisdiction Andheri Police Station)

[From Ghodbunder Road to Versova Seashore]

These are the cross roads

SOUTH SIDE

A small Lane
Andheri Gaothan Lane No 4
Bhavan's College Road
A small Lane
Dadabhai Road
A Road
Versova Cross Road
A Road
Lane to the Sea
Lane to the Sea
Versova Seashore

NORTH SIDE

A small Lane
Lane to St Catherine's Home
Sonapur Road
Bhadra Wadi Road
A small Lane
A small Lane
Mukund Patil Road
Ghodbunder Road

JOGESHWARI CAVES ROAD

(Jurisdiction Andheri Police Station)

[From Ghodbunder Road to Jogeshwari Caves]

These are the cross roads

NORTH SIDE

Jogeshwari Railway Station
Jogeshwari Caves

SOUTH SIDE

Ismail Yusuf College Road
H F Society Road
Ghodbunder Road

JUHU ROAD

BOMBAY NOS 23 & 24

(Jurisdiction Santa Cruz Police Station)

[From Ghodbunder Road to Juhu Village]

These are the cross roads

SOUTH SIDE

Tagore Road
Dadabhai Road

WEST SIDE

Koliwada Road
Jitendra Lane
A small Lane
A small Lane
A small Lane
A small Lane
Juhu Beach Road
A Private Lane
Juhu Village

EAST SIDE

A Lane

NORTH SIDE

A small Lane
A Road
Tagore Road
Ghodbunder Road

KALBADEVI ROAD

BOMBAY NOS 2 & 3

(Jurisdiction Princess St, Esplanade and Pydhonie Police Stations)

[From Mahatma Gandhi Cruickshank and Carnac Roads to Ibrahim Rahimtoola Road, Pydhonie]

(Jurisdiction Princess St Police Station)

These are the cross roads

EAST SIDE

Jamboolwadi
Takwadi
Picket Road
Princess Street
Joshi Wadi
Babu Genu Road
Old Hanuman Lane
Vithalwadi
Sheikh Memon Street
Mumbadevi Road
Abdul Rehman Street

(Jurisdiction Pydhonie Police Station)

WEST SIDE

[From Ibrahim Rahimtoola Road, Pydhonie]

These are the cross roads

Bapu Khote Street
Kika Street

Kalbadevi Road—contd

(Jurisdiction Princess St Police Station)

Bhuleshwar Road
1st Fopalwadi
Dadysett Agiary Street
Cavel Cross Lane
Dr Wegas Street
Kolbhat Street
Old Post Office Lane
Bhanguadi
Popat Wadi

(Jurisdiction Esplanade Police Station)

Princess Street
Bomanji Master Road
Jambulwady
Cruickshank and Carnac Roads

KAMBEKAR STREET

BOMBAY NO 3

(Jurisdiction Dongri and Pydhonie Police Stations)

[*From Pydhonie Road to Sardar Vallabhbhai Patel Road*]

(Jurisdiction Pydhonie Police Station)

These are the cross roads

EAST SIDE

Pydhonie Road

(Jurisdiction Dongri Police Station)

1st Chinch Bunder Road
Old Nagpada Road
Sardar Vallabhbhai Patel Road

WEST SIDE

New Bengalpura Street
Old Nagpada Road
Chunam Kiln Street

(Jurisdiction Pydhonie Police Station)

Pydhonie Road
Musjid Bunder Road

KARWAR STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Mint Road to Nicol Road*]

The cross roads

NORTH SIDE

Frere Road
Nicol Road

SOUTH

Frere Road

KAZI SAYED STREET

BOMBAY NOS 3 & 9

(Jurisdiction Pydhonie Police Station)

[*From Samuel Street (Khoja Mohalla) to Carnac Road*]

These are the cross roads

EAST SIDE

Musjid Bunder Road
Mirchi Lane
Bhandari Street
Janjikar Street
Carnac Road

WEST SIDE

[*Carnac Road to Samuel Street*]
Janjikar Street
Bhandari Street
Mirchi Lane
Musjid Bunder Road
Samuel Street (Khoja Mohalla)

KHATAU ROAD

BOMBAY NO 5

(Jurisdiction : Colaba Police Station)

[*From Wodehouse Road to Cuffe Parade*]

This is the cross road

NORTH SIDE

Sobani Road

KHETWADI BACK ROAD

BOMBAY NO 4

(Jurisdiction Maharbouri Police Station)

[*From Falkland Road to Charni Road*]

These are the cross roads

SOUTH SIDE

2nd Khetwadi Lane
3rd Khetwadi Lane
4th Khetwadi Lane
5th Khetwadi Lane
6th Khetwadi Lane
7th Khetwadi Lane
8th Khetwadi Lane
9th Khetwadi Lane
10th Khetwadi Lane

(Jurisdiction Lamington Road Police Station)

11th Khetwadi Lane
12th Khetwadi Lane
13th Khetwadi Lane
14th Khetwadi Lane
Charni Road

NORTH SIDE

12th Khetwadi Lane
10th Khetwadi Lane

(Jurisdiction Maharbowri Police Station)

Khambata Lane
Falkland 4th Cross Lane
Falkland 3rd Cross Lane
Falkland 2nd Cross Lane
Falkland 1st Cross Lane
Falkland Road

KHETWADI MAIN ROAD

BOMBAY NO 4

(Jurisdiction Maharbowri Police Station)

[*From Cowasjee Patel Tank Road to Sardar Vallabhbhai Patel Road it has been named Nanumbhai Desai Road from Sardar Vallabhbhai Patel Road to Charni Road the original name is retained*]

These are the cross roads

SOUTH SIDE

Ardeshir Dady Street
Parsiwada 1st Lane
Parsiwada 2nd Lane
Dr Wilson Street
Dr Deshmukh Lane
Sardar Vallabhbhai Patel Road

(Jurisdiction Lamington Road Police Station)

Dr Bhajekar Street
Charni Road

NORTH SIDE

14th Khetwadi Lane
13th Khetwadi Lane
12th Khetwadi Lane
11th Khetwadi Lane

(Jurisdiction : Maharbowri Police Station)

10th Khetwadi Lane
9th Khetwadi Lane
8th Khetwadi Lane
7th Khetwadi Lane
Sardar Vallabhbhai Patel Road
4th Khetwadi Lane
3rd Khetwadi Lane
2nd Khetwadi Lane
1st Khetwadi Lane
Ardeshir Dady Street
Islampura Street
Sindhi Lane
2nd Carpenter Street
1st Carpenter Street
Cowasjee Patel Tank Road

KIKA STREET

(*Cowasji Patel Tank Road to Kalbadevi Road*)

These are the cross roads

WEST WARDS

Bhoiwada 1st Lane 2nd, 3rd
Panjarapole Road

EAST WARDS

Bhoiwada 2nd Lane
Banyan Street
Panjarapole Road

KING EDWARD ROAD

BOMBAY NO 12

(Jurisdiction Bhoiwada Police Station)

[*Parel Poibadi to Tekose Jiwraj Road*]

These are the cross roads

SOUTH SIDE

1 Cross Lane
Hospital Avenue Road
Lane leading to Parel Village and Parel Government Gate Road
Bhagwantrao Parelkar Road

NORTH SIDE

Hospital Avenue

KITTRIDGE ROAD

BOMBAY NO 7

(Jurisdiction Colaba Police Station)

[*From Colaba Road to Cuffe Parade*]

These are the cross roads

SOUTH SIDE

Wodehouse Road
Sobani Road
Cuffe Parade

NORTH SIDE

Colaba Road
Wodehouse Road
Cuffe Parade

KUMPTA STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*Mint Road to Nicol Road*]

These are the cross roads

SOUTH SIDE

Frere Road

NORTH SIDE

Frere Road
Mint Road

KURLA ROAD

(Jurisdiction Andheri Police Station)

[*From Andheri Railway Crossing to Bombay-Agra Road*]

These are the cross roads

SOUTH SIDE

A Lane
A small Lane
A small Lane
A small Lane
A Road
A Road
Saki Nadi Bridge

(Jurisdiction Kurla Police Station)

WEST SIDE

Bombay Agra Road

NORTH SIDE

Nagardas Road
Teli Gali Road
4 Small Lane
Gundoli Gaothan Lane No 2
Suren Road

A Small Lane
A Road
Church Road
Marol Road
A small Lane
Vehar Road

EAST SIDE

Bel Bazar Road
Bombay-Agra Road

LABURNUM ROAD

BOMBAY NO 7

(Jurisdiction : Gamdevi Police Station)

[*From Owen Dunn Road to Harvey Road*]

These are the cross roads

NORTH SIDE

Harvey Road
A Cross Lane
Gamdevi Road

SOUTH SIDE

Harvey Road
Gamdevi Road

LADY HARDINGE ROAD

BOMBAY NOS 16 19 & 28

(Jurisdiction Mahim Police Station)

[*From Central Rly Level Crossing to Cadell Road*]

The e are the cross roads

EAST SIDE

A Road
A Lane
A Small Lane
Lady Jamshetji Road

NORTH SIDE

Road to Andhra Valley Power Supply Ltd Receiving Station

WEST SIDE

A Small Road
Mugal Lane
A Small Lane
A Small Lane
Lady Jamshetji Road

LADY JAMSHETJI ROAD

BOMBAY NOS 14 & 16

(Jurisdiction Dadar & Mahim Police Stations)

[*From Dadar Portuguese Church Street to Mahim Causeway*]

(Jurisdiction Dadar Police Station)

These are the cross roads

WEST SIDE

A Small Lane
Ranade Road Extension
Hansali Tank Lane
Mukundrao Khandke Lane
Ganesh Peth Lane
A Small Lane
A Small Lane
Ram Maruti Road
D L Vaidya Road
A Private Lane
Gokhale Road North

(Jurisdiction : Mahim Police Station)

Keluskar Road
Shivaji Park Road 2
A Road to Beach
A Cross Road
A Small Lane
Lady Hardinge Road
Bhandar Gully Lane
A Lane
Siddadevi Temple Road
A Lane
Bhandari Lane
Path to School
A Lane
A Small Lane
Cadell Road
Mahim Causeway

EAST SIDE

Mori Road
A Road
A Road
Mia Md Chhotani Road
A Road
A Road
A Lane
Siddadevi Temple Road
A Road
A Road
A Small Lane
Lady Hardinge Road to Matunga Station
A Road
Bal Govind Road
Sakharam Kir Road
Bai Padmabai Thakar Road
Woollen Mill Gully
Road to Tilak Bridge
Road to Tilak Bridge
Akshikar and Chhubildas Streets
Library Road
Ranade Road
Dr D Silva Road
Dadar Portuguese Church Street

LAKHAMSI NAPOO ROAD

BOMBAY NO 14

(Jurisdiction Kingsway Police Station)

[*From Dadar (Central Rly) Station to Bhandarkar Road Matunga*]

These are the cross roads

WEST SIDE

A Small Lane
Bhandarkar Road

EAST SIDE

Bhimani Street
Matunga Station Road
Deodar Road
Gymkhana Road
A Street
A Lane
Hindu Colony Road No 6
Khareghat Road
Road No 5 Hindu Colony
Road No 4, Hindu Colony
Road No 3 Hindu Colony
Road No 2 Hindu Colony
Dr Pradhan Road
Vincent Square Street No 1
Dadar Station Road

LAMINGTON ROAD (NORTH)

[*See Anandrao Nair Road*]

LAMINGTON ROAD (SOUTH)

BOMBAY NOS 4 & 7

(Jurisdiction Lamington Rd & Nagpada Police Stations)

[*From Queen's Road to Bellasis Road*]

These are the cross roads

EAST SIDE

Girgaum Road
Sardar Vallabhbhai Patel Road
Vithalbhai Patel Road
Tribhuwan Road
Tara Temple Lane
Topeewalla Lane
Grant Road
Foras Road
Falkland Road
Bellasis Road

WEST SIDE

Gilder Lane
Falkland North Street
Bridge and Falkland Road
Low-Level Road South of Falkland Road Overbridge
Annesley Road
Foras Road
Grant Road Cross Lane
Grant Road and Frere Bridge
Proctor Road
Chunam Lane
Kiln Lane
Vithaldas Patel Road
Sardar Vallabhbhai Patel
Girgaum Road
New Queen s Road

LANSDOWNE ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Colaba Causeway to Strand Road and Apollo Bunder*]

These are the cro s roads

SOUTH SIDE

Tulloch Road
Merewether Road
Strand Road and Apollo Bunder

NORTH SIDE

Adams Street
Stevens Street
Battery Street
Colaba Causeway

LOHAR STREET

BOMBAY NO 2

(Jurisdiction Princess St Police Station)

[*From Sheikh Memon Street (Market) to Princess Street*]

These are the cro s roads

SOUTH SIDE

Mangaldas Road
Patakwadi Road
Packett Cross Road
Princess Street

NORTH SIDE

Patakwadi Road
Mangaldas Road
Sheikh Memon Street

LOVE LANE

BOMBAY NO 27

(Jurisdiction Byculla Police Station)

[*From Victoria Gardens Road to Mount Rd*]

The e are the cross roads

SOUTH SIDE

Hansraj Lane
Tarabaug Lane
Hatibaug Lane A
Mount Road

NORTH SIDE

A Small Lane
Road to Dr Masina s Hospital
Victoria Gardens Road

MAHATMA GANDHI ROAD

BOMBAY NO 1

(Jurisdiction Esplanade and Palton Road Police Stations)

[*Dhobi Talao Carnac Road and 1st Marine Street to Mayo Road & Rampart Row*]

These are the cross roads

WEST SIDE

Cinema Road
Hospital Lane
Mayo Road

Mahatma Gandhi Road contd

Vir Nariman Street
Eldon Road leading to High Court
University Road
Fuller Road
Hope Street
Mayo Road

EAST SIDE

Carnac & Cruickshank Roads
Waudby Road
Napier Road
Comm Road
Hornby Road and Vir Nariman Street
Flora Fountain
Bruce Lane
Medows Street
Ash Lane
Oak Lane
Bell Lane
Military Square Lane
Forbes Street
Rampart Row
Wellington Fountain
Apollo Street

MAHESHWAR ROAD (DR)

[See Church Bunder Ro

MAHOMEDALI ROAD

BOMBAY NO 3

(Jurisdiction Pydhonie Police Station)

[*From Carnac Road to Ibrahim Rahimtoola Road*]

These are the cross roads

WEST SIDE

Janjikar Street
Bhanpala Street
Nagdevi Cross Lane
Bibijan Street
Masjid Bunder Road
Memonwada Cross Lane
Nagdevi Street and Nakhoda Street
Pydhonie Road
Chunam Kiln Street
Ibrahim Rahimtoola Road

(Jurisdiction Dongri Section Police Station)

NORTH SIDE

Chunam Kiln Lane

(Jurisdiction Pydhonie Police Station)

Pydhonie Road
Memonwada Road
Masjid Bunder Road
Bibijan Street
Nagdevi Cross Lane
Bhanpala Street
Janjikar Street
Carnac Road

MANDLIK ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Colaba Causeway to Merewether Road*]

The e are the cross roads

SOUTH SIDE

Colaba Causeway
Lala Nigam Road

MANGALDAS ROAD

BOMBAY NO 2

(Jurisdiction Princess St Police Station)

[*From Carnac Road to Princess Street*]

These are the cross roads

EAST SIDE

Lohar Street
Kitchen Garden Lane
Princess Street

WEST SIDE

Puthaldas Road
Lohar Street
Carnac Road

MANGALORE STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Frere Road to Nicol Road*]

These are the cross roads

NORTH SIDE

Nicol Road

SOUTH SIDE

Frere Road

MANORDAS STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Bora Bazar Street to Mint Road*]

These are the cross roads

SOUTH SIDE

Bazar Gate Street
Mody Street
Mint Road

NORTH SIDE

Bazar Gate Street
Mody Street
Mint Road

MARINE DRIVE

[See Netaji Subhas Road]

MARINE LINES

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[*From 1st Marine Street to Vir Nariman Street*]

These are the cross roads

WEST SIDE

Willoughby Road
Vathubai Thackersey Road
1 Cross Lane
1 Cross Lane
Vir Nariman Street

EAST SIDE

Hospital Lane
Carnegy Road
1 Lane
Vir Nariman Street

MARINE STREET (1st)

BOMBAY NO 2

(Jurisdiction Esplanade Police Station)

[*From Dhobi Talao to Queen's Road*]

These are the cross roads

EAST SIDE

Cinema Road
Marine Lines
Queen's Road

WEST SIDE

Wellington Street
1st Marine Cross Lane
Trinity Street
Dhobi Talao

MARINE STREET

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Apollo Street to Custom House Road*]

MARKET ROAD

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Palton Road to Hornby Road*]

MATHEW ROAD

BOMBAY NO 4

(Jurisdiction : Lamington Rd Police Station)

[*From Sardar Vallabhbhai Patel Road to New Queen's Road*]

These are the cross roads

EAST SIDE

Way to New Queen's Road
Queen's Road

WEST SIDE

Jewel Crossing

MAYO ROAD

BOMBAY NO 1

(Jurisdiction Colaba & Esplanade Police Stations)

[*From Mahatma Gandhi Road—Wellington Fountain to Mahatma Gandhi Road Queen's Statue*]

These are the cross roads

SOUTH AND WEST SIDES

Cooperage Road
Vir Nariman Street

EAST SIDE

Fuller Road
University Road
Vir Nariman Street

MAZAGAON ROAD

Bombay No 10

(Jurisdiction Byculla Police Station)

[*From Jail Road East to Mount Road*]

These are the cross roads

WEST SIDE

1 Lane
A Lane
A Lane
St Mary's Road
Nesbit Road

EAST SIDE

Church Bunder Road
Valpakhadi Road
Wadi Bunder Road
A Lane
Dockyard Road
Mount Road

MEDOWS STREET

BOMBAY NO 1

(Jurisdiction Palton Road Police Station)

[*Mahatma Gandhi Road to Forbes Street*]

These are the cross roads

EAST SIDE

A Lane
Tamarind Lane
Hamam Street
Dalal Street
Forbes Street

WEST SIDE

Ash Lane
Oak Lane
Bell Lane
Military Square Lane
Forbes Street

MEMONWADA ROAD

BOMBAY NO 3

(Jurisdiction Dongri and Pydhonie Police Stations)

[*From Imamwada Road to Mohamedali Road*]

(Jurisdiction Dongri Police Station)

These are the cross roads

EAST SIDE

Sardar Vallabhbhai Patel Road
New Bengalpura Street
Old Nagpada Road
Chunam Kiln Street

(Jurisdiction Pydhonie Police Station)

Pydhonie Road
Mohamedali Road

WEST SIDE

Pydhonie Road

(Jurisdiction Dongri Police Station)

Chunam Kiln Street
Sardar Vallabhbhai Patel Road
Sardar Vallabhbhai Patel Road
Imamwada Road

MEREWETHER ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*Lansdowne Road to Garden Road*]

These are the cross roads

EAST SIDE

Nowroji Furdoonji Road
Ormiston Road
Henry Road
Garden Road

WEST SIDE

Walton Road
Henry Road
Burton Road
Ormiston Road
Mandlik Road
Nowroji Furdoonji Road
Lansdowne Road

MILITARY SQUARE LANE

BOMBAY NO 1

(Jurisdiction Palton Road Police Station)

[*Meadows Street to Mahatma Gandhi Road*]

These are the cross roads

SOUTH SIDE

Hopewalk Street
Rutherfield Street
Mahatma Gandhi Road

NORTH SIDE

Mahatma Gandhi Road

MINT ROAD

BOMBAY NO 1

(Jurisdiction Palton Road Police Station)

[*From Horniman Circle to Fort Street*]

These are the cross roads

WEST SIDE

Sir P M Road
Bread Market Street
Agiary Lane
Mint Road Cross Lane
Manordas Street
Fort Street

EAST SIDE

Ballard Road
Cochin Street
Frere Road and Calicut Street
Kumta Street
Karwar Street
Goa Street
Fort Street

MIRZA STREET

BOMBAY NO 3

(Jurisdiction Princess Street Police Station)

[*From Abdul Rehman Street to Sheikh Memon Street*]

These are the cross roads

NORTH SIDE

Dhunji Street
Sheikh Memon Street

SOUTH SIDE

Abdul Rehman Street

MODY STREET

BOMBAY NO 1

(Jurisdiction Palton Road Police Station)

[*From Fort Street to Sir Phirozshah Mehta Road*]

These are the cross roads

EAST SIDE

Manordas Street
Mint Street Cross Lane
Agiary Lane
Bread Market Street
Sir Phirozshah Mehta Road

WEST SIDE

Manordas Street
Dwarkadas Lane
Chana Street
Agiary Lane
Modi Street Cross Lane
Sir Phirozshah Mehta Road

MORLAND ROAD

BOMBAY NO 8

(Jurisdiction Nagpada & Agripada Police Stations)

[*From Bellasis Road to Lamon Road*]

(Jurisdiction Nagpada Police Station)

These are the cross roads

EAST SIDE

A Small Private Lane
A Small Lane
Mohomedan Street
Chillabhai Street
Sankli Street

(Jurisdiction Agripada Police Station)

Souter Street
Ripon Road

WEST SIDE

Cell Street
Wylie Road
Souter Street
Reynolds Road

(Jurisdiction Nagpada Police Station)

Club Back Road
Club Road
Bellasis Road

MOUNT MARY ROAD

BOMBAY NO 20

(Jurisdiction Bandra Police Station)

[*From Hill Road to Mount Mary Church*]

These are the cross roads

SOUTH SIDE

A Road

WEST SIDE

Kane Road
A Small Lane
A Road

NORTH SIDE

Hill Road

MOUNT PLEASANT ROAD

BOMBAY NO 6

(Jurisdiction: Gamdevi Police Station)

[*From Ridge Road to Nepean Sea Road*]

These are the cross roads

SOUTH SIDE

Pawar Road
A Road

MOUNT ROAD

BOMBAY NO 10

(Jurisdiction Byculla Police Station)

[*From Mazagon Road and Matharpakhadi Road to Tank Bunder Ghorupdeo Road, and Victoria Road*]

These are the cross roads

EAST SIDE

A Lane
Champsi Bhimji Road
B Anjirbaug
Victoria Road
Tank Bunder Road and Ghorupdeo Road
Victoria Road
Nariali adi Lane
Tank Bundar Road and Ghorupdeo Road

WEST SIDE

Victoria Road
Sitafaluadi Road
A Small Lane
Love Lane

MURZBAN ROAD

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[*From Connon Road to Hornby Road*]

These are the cross roads

WEST SIDE

Napier Road
Outram Road
Home Street
Baillie Street
Hornby Road

EAST SIDE

Connon Road
Laston Road
Napier Road
Outram Road
Home Street
Wallace Street
Baillie Street
Laston Road
Hornby Road

MUSJID BUNDER ROAD

BOMBAY NO 3

(Jurisdiction Pydhonie and Princess St Police Stations)

[*From Musjid Bridge to Mumbadevi Road*]

(Jurisdiction Pydhonie Police Station)

These are the cross roads

NORTH SIDE

Narsi Natha Street
Kazi Syed Street
Samuel Street
Israel Mohalla Lane
Khadak Street
Dontad Street
Zakaria Musjid Street
Kambekar Street
Mahomedali Road
Nagdevi Street
Narayan Dhuru Street
Abdul Rehman Street

Masjid Bunder Road– contd

(Jurisdiction : Princess St Police Station)

Mumbadevi Road

SOUTH SIDE

Abdul Rehman Street

(Jurisdiction Pydhonie Police Station)

Narayan Dhuru Street
Nagdevi Street
Mahomedali Road
Dhobi Street
(Sheriff Deryi Street) Chakla Street
D Souza Street
Dariasthan Street
Samuel Street
Kazi Syed Street
Narsi Natha Street

NAGDEVI CROSS LANE

BOMBAY NO 3

(Jurisdiction Pydhonie Police Station)

[*From Mohomedali Road to Abdul Rehman Street*]

These are the cross roads

SOUTH SIDE

Nagdevi Street

NORTH SIDE

Narayan Dhuru Street
Nagdevi Street

NAGDEVI STREET

BOMBAY NO 3

(Jurisdiction Pydhonie Police Station)

[*From Carnac Road to Mohomedali Road and Nakhoda Street*]

These are the cross roads

WEST SIDE

Janjikar Street
Bhajipala Street
Nagdevi Cross Lane
Bibijan Street
Masjid Bunder Road
Mohomedali Road & Nakhoda Street

EAST SIDE

1 Lane
Masjid Bunder Road
Bibijan Street
Nagdevi Cross Lane
Bhajipala Street
Janjikar Street
Carnac Road

NANABHAI LANE

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Hornby Road to Vir Nariman Street*]

These are the cross roads

SOUTH SIDE

Vir Nariman Street

NORTH SIDE

1 Small Lane
Vir Nariman Street

NAOROJI FARDOONJI ROAD

BOMBAY NO 5

(Jurisdiction Colaba Police Station)

[*From Colaba Causeway to Strand Road*]

These are the cross roads

SOUTH SIDE

A Lane
Merewether Road
Strand Road

NORTH SIDE

Merewether Road
Tullock Road
Colaba Causeway

NAPIER ROAD (FORT)

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[*From Waudby Road to Hornby Road*]

These are the cross roads

SOUTH SIDE

Murzban Road
Bastion Road

NORTH SIDE

Bastion Road
Prescott Road
Murzban Road

NARAYAN DABHOLKAR ROAD

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[*From Nepean Sea Road to Land s End*]

These are the cross roads

SOUTH SIDE

Harkness Road

NORTH SIDE

Way to Municipal Biological Installation at Banganga

NAVROJI GAMADIA ROAD

BOMBAY NO 26

(Jurisdiction Gamdevi Police Station)

[*From Pedder Road to Bhulabhai Desai Road*]

These are the cross roads

EAST SIDE

1 Lane
Bhulabhai Desai Road

WEST SIDE

Pedder Road

NEHRU ROAD

BOMBAY NO 24

(Jurisdiction Santa Cruz Police Station)

[*From Tejpal Road to Santa Cruz Aerodrome*]

These are the cross roads

NORTH SIDE

1 Road
Sradhananda Road
Malaviya Road
Pherozeshah Mehta Road
Dikshit Road
1 Road
1 Road
Santa Cruz Aerodrome

SOUTH SIDE

Sradhananda Road
Pherozeshah Mehta Road
Dikshit Road
1 Lane
Vishnu Street
Dayaldas Road
1 Road
Santa Cruz Aerodrome

NEPEAN ROAD

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station) (Malabar Hill)

[*From Ridge Road to Nepean Sea Road*]

These are the cross roads

NORTH SIDE

Road leading to Baroda Palace
Nepean Sea Road

SOUTH SIDE

Nepean Sea Road

NEPEAN SEA ROAD

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[*From Gowalia Tank and Bhulabhai Desai Road to Harkness Road*]

These are the cross roads

EAST SIDE

Nepean Road
Mount Pleasant Road
Wilderness Road
Harkness Road

WEST SIDE

Darabshaw Road
Setalvad Road
Private Road
Narayan Dabholkar Road
Harkness Road

NESBIT ROAD

BOMBAY NO 10

(Jurisdiction Byculla Police Station)

[*From Mazagon Road to Victoria Gardens Road*]

These are the cross roads

NORTH SIDE

Nesbit Road Low level North Bridge

SOUTH SIDE

Tadwadi Road
St Mary s Road
Mazagaon Road

NETAJI SUBHAS ROAD

(Formerly known as Marine Drive)

BOMBAY NO 1

(Jurisdiction Esplanade & Lamington Rd Police Stations)

[*From New Road to Chowpatty Sea Face*]

These are the cross roads

EAST SIDE

4 Cross Road
Dinshaw Vachha Road
Vir Nariman Road
A Cross Road
Road B
C Road
Road D
A Road
4 Road
A Road
4 Road

NEW NAGPADA ROAD

BOMBAY NO 8

(Jurisdiction : Nagpada Police Station)

[*From Bellasis, Ripon, Dimtimkar and Clare Roads to Victoria Gardens Road*]

These are the cross roads

SOUTH SIDE

1st Peerkhan Street
3rd Peerkhan Street
Victoria Gardens Road

NORTH SIDE

A Lane
1 Lane
Victoria Gardens Road

NEW QUEEN'S ROAD

BOMBAY NO 4

(Jurisdiction : Lamington Rd Police Station)

[*From Charni Road and Queen s Road to Girgaum Road and Sardar Vallabhbhai Patel Road*]

These are the cross roads

WEST SIDE

Mathew Road
Mathew Road and Sandhurst Bridge

EAST SIDE
Lamington Road South
Tata Road 1 (Private)
Charni Road and Queen's Road

NICOL ROAD
BOMBAY NO 1
(Jurisdiction Palton Rd Police Station)
[*From Ballard Pier Road to Fort Street*]
These are the cross roads
EAST SIDE
Wilson Road
Graham Road
Currimbhoy Road
WEST SIDE
Cochin Street
Calicut Street
Mangalore Street
Kumpta Street
Karwar Street
Goa Street
Fort Street

OAK LANE
BOMBAY NO 1
(Jurisdiction Palton Rd Police Station)
[*From Medows Street to Mahatma Gandhi Road*]

OLIVER ROAD
BOMBAY NO 1
(Jurisdiction Colaba Police Station)
[*From Carden Road to Walton Road*]
These are the cross roads
WEST SIDE
Walton Road
EAST SIDE
Walton Road

ORMISTON STREET
BOMBAY NO 1
(Jurisdiction Colaba Police Station)
[*From Wodehouse Road to Strand Road*]
These are the cross roads
NORTH SIDE
Colaba Causeway Road
Mereuther Road
Strand Road
SOUTH SIDE
Accommodation Road
Colaba Causeway Road
Mereuether Road
Strand Road

OUTRAM ROAD
BOMBAY NO 1
(Jurisdiction Esplanade Police Station)
[*From Wadby Road to Hornby Road*]
These are the cross roads
SOUTH SIDE
Murzban Road
Prescott Road
Bastion Road
Hornby Road
NORTH SIDE
Murzban Road
Bastion Road
Hornby Road

OWEN DUNN ROAD
BOMBAY NO 7
(Jurisdiction : Gamdevi Police Station)
[*From Hughes Road to Alexandra Road*]
These are the cross roads
EAST SIDE
A Lane
Laburnum Road
A Private Lane
Alexandra Road
Gowalia Tank Playing Ground
WEST SIDE
Teppal Road
Hughes Road

PALTON ROAD
BOMBAY NO 1
(The Postal authorities and the Police spell the name of this road with an 'o' while the road sign spells it with an 'a')
(Jurisdiction : Palton Rd Police Station)
[*From Carnac Road to Hornby Road*]
These are the cross roads
WEST SIDE
Market Road
Hornby Road
EAST SIDE
Carnac Road
Musafar Khana Road
Saboo Sidick Road
Hornby Road

PANDIT JAWAHARLAL NEHRU ROAD
BOMBAY NO 25
(Jurisdiction Santa Cruz Police Station)
[*From Santa Cruz Railway Crossing to the Junction of the Roads leading to Santa Cruz Airport and Kalina Government Housing Colony*]
These are the cross roads
SOUTH SIDE
6th Road
7th Road
8th Road
9th Road
10th Road
Vakola Bridge Lane
Vakola Pipe Line
A Street
Kalina Road
NORTH SIDE
A Road
A small Lane
Vakola Pipe Line
Santa Cruz Airport Road

PAREL CHAWL ROAD
BOMBAY NO 12
(Jurisdiction : Kalachowki Police Station)
[*From Victoria Gardens Road to Suparibaug Road*]
These are the cross roads
EAST SIDE
A Lane
Kalachowki Road
Lane leading to Lalbaug Market
Government Gate Road
WEST SIDE
A Lane
Arthur Road
A Lane
Kalachowki Road
A Lane
Parel Road Cross Lane
Victoria Gardens Road

PARSEE BAZAAR STREET
BOMBAY NO 1
(Jurisdiction Palton Rd Police Station)
[*From Horniman Circle to Gunbow Street*]
These are the cross roads
WEST SIDE
Ghoga Street
Nadirshah Sukhia Street
Sir Phirozshah Mehta Road
A Cross Lane
Gunbow Street
Store Lane
Sir Phirozshah Mehta Road
Gunbow Street

PAWAI ROAD
BOMBAY NO 6
(Jurisdiction Gamdevi Police Station)
[*From Mount Pleasant Road*]

PEDDER ROAD
BOMBAY NO 26
(Jurisdiction Gamdevi Police Station)
[*From Bhulabhai Desai Road to Gowalia Tank Road*]
These are the cross roads
EAST SIDE
Behramji Gamadia Hill
A Lane
Lane Leading to Hill Grange School
Carmichael Road
Hermitage Road
Gowalia Tank and Gibbs Roads
WEST SIDE
Navroji Gamadia Road
A Road
Lane leading to Ebrahim Cassum Estate
Gowalia Tank and Gibbs Roads

PERRY ROAD
BOMBAY NO 20
(Jurisdiction Bandra Police Station)
[*From Turner Road-Pali Road Junction to Sea Face*]
These are the cross roads
WEST SIDE
Cyril Road
A Lane
St Andrews Road
D Monte Park Road
St Paul Road
A Road
A Road
A Road
EAST SIDE
A Road
St Paul Road
A Road
St Cyril Road
Turner Road Pali Road Junction

PHIROZESHAH MEHTA ROAD (SIR)
BOMBAY NO 1
(Jurisdiction : Palton Rd Police Station)
[*From Hornby Road to Mint Road*]
These are the cross roads
SOUTH SIDE
Pitha Street
Cowasji Patel Street
Parsee Bazar Street
Homji Street
Bazar Gate Street
Mint Road
NORTH SIDE
Cowasji Patel Street
Parsee Bazar Street
A Lane
Bazar Gate Street
Mody Street
Mint Road

PICKET CROSS ROAD

BOMBAY NO 2

(Jurisdiction Princess St Police Station)

[*From Lohar Street to Picket Road*]

This is a cross road

EAST SIDE

Lohar Street

PICKET ROAD

BOMBAY NO 2

(Jurisdiction Princess St Police Station)

[*From Carnac Road to Kalbadevi Road*]

These are the cross roads

SOUTH SIDE

Kalbadevi Road

NORTH SIDE

Picket Cross Road

PRESCOTT ROAD

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[*From Napier Road to Outram Road*]

PRINCESS STREET

BOMBAY NO 2

(Jurisdiction Princess St and Esplanade Police Stations)

[*From Sheikh Memon St (Jumma Musjid) to Queen's Road*]

(Jurisdiction Princess St Police Station)

These are the cross roads

SOUTH SIDE

Mangaldas Road
Pathak-wadi Road
Lohar Street

(Jurisdiction Esplanade Police Station)

Kalbadevi Road
Girgaum Road
Chandanwadi Road
Queen's Road

(Jurisdiction Princess St Police Station)

NORTH SIDE

Chandanwadi Road
Girgaum Road
Kalbadevi Road
Babu Genu Road
Old Hanuman Street
Sheikh Memon Street

PROCTOR ROAD

BOMBAY NO 7

(Jurisdiction : Lamington Rd Police Station)

[*From Grant Road (Bridge) to Vithalbhai Patel Road*]

These are the cross roads

SOUTH SIDE

Lamington Road and Grant Road Junction

EAST SIDE

Kiln Lane
Vithalbhai Patel Road

WEST SIDE

Frere Bridge

PYDHONIE ROAD

BOMBAY NO 9

(Jurisdiction Pydhonie and Dongri Section Police Stations)

[*From Ibrahim Rahimtoola Road to Narsi Natha Street*]

These are the cross roads

NORTH SIDE

(Jurisdiction Dongri Section Police Station)

Mahomedally Road
Memonwada Road
Kambekar Street
Jakaria Musjid Street
Dontad Street
Nishanpada Road
Tantanpura Lane
Samuel Street
Narsi Natha Street

(Jurisdiction Pydhonie Police Station)

SOUTH SIDE

Samuel Street
Tantanpura Lane
Dontad Street
Jakaria Musjid Street
Kambekar Street
Memonwada Road
Mohomedali Road
Narayan Dhuru Street
Kolsa Street

QUEEN'S ROAD

BOMBAY NO 4

(Jurisdiction Colaba, Esplanade & Princess St Police Stations)

[*From Wodehouse Road to Charni Road*]

These are the cross roads

WEST SIDE

1 Road
1 Lane
1 Road
Dinshaw Wachha Road
Jamshedji Tata Road
Dr Nariman Street

EAST SIDE

Charni Road
Thakurdwar Road
Princess Street
Dr Cawasji Hormusji Street
Nanabhai Byramji Court
1st Marine Street
Willoughby Road
Carnegy Road
Dinshaw Mulla Road
1 Cross Road
1 Road
Dr Nariman Street
Bandstand
Wodehouse Road

RAMPART ROW

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Mahatma Gandhi Road to Apollo Street*]

These are the cross roads

NORTH SIDE

Ropewalk Street
Bakehouse Lane
Apollo Street

RAVELIN STREET

BOMBAY NO 1

(Jurisdiction : Esplanade Police Station)

[*From Hornby Road to Waudby Road*]

These are the cross roads

NORTH SIDE

Bastion Road
Murzban Road

SOUTH SIDE

Bastion Road
Murzban Road
Waudby Road

REAY ROAD

BOMBAY NO 10

(Jurisdiction Byculla Police Station)

[*From Wadi Bunder Road to Arch Bungalow Road*]

These are the cross roads

WEST SIDE

Dockyard Road
Gun Powder Road
Matarpakhadi Road
A Road
A Street
Tank Bunder Road
A Road
Connaught Road
Connaught Cross Road
Arched Bungalow Road
Albert Road
Ghorupdeo Road
Parel Tank & Kalachowky Roads

EAST SIDE

Jakaria Bunder Road
A Street
Dockyard Road
D Lane Street
Nawab Tank Bridge Road
Wadi Bunder Road and Frere Road

REBSCH STREET

BOMBAY NO 11

(Jurisdiction Agripada Police Station)

[*From Club Back Road to Gell Street*]

These are the cross roads

WEST SIDE

Reynold Road
Souter Street and Carus Avenue
Wylie Road
Gell Street

EAST SIDE

Reynold Road
Souter Street
Wylie Street
Gell Street

REYNOLD'S ROAD

BOMBAY NO 8

(Jurisdiction : Agripada Police Station)

[*From Morland Road to Club Back Road*]

These are the cross roads

WEST SIDE

Rebsch Street

EAST SIDE

Rebsch Street
Club Back Road

RIDGE ROAD

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[*From Gibbs Road (Reservoir) to Walkeshwar Road*]

These are the cross roads

NORTH SIDE

Little Gibbs Road
Nepean Road
Mount Pleasant Road
Winter Road
Wilderness Road
Harkness Road

SOUTH SIDE

Sirs Road

RIPON ROAD

BOMBAY NO 11

(Jurisdiction : Agripada & Nagpada Police Stations)

[*From Bellasis Road to Jacob's Circle*]

(Jurisdiction Nagpada Police Station)

These are the cross roads

WEST SIDE

A Lane
A Lane
A Lane
Muhamadan Street
Madanpura Street
Ghellabhoy Street

(Jurisdiction : Agripada Police Station)

Sankli Street
Souter Street
Morland Road and Gell Street
Jacob Circle

EAST SIDE

(Jurisdiction : Nagpada Police Station)

Clare Road
A Lane
A Lane
Ripon Road Cross Lane

(Jurisdiction Agripada Police Station)

Sankli Street
Souter Street
Tank Pakhadi Road
A Lane
Byculla Station Road
Jacob s Circle

ROPEWALK STREET

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Rampart Row to Military Square Lane*]

These are the cross roads

WEST SIDE

Forbes Street
Military Square Lane

EAST SIDE

Forbes Street
Military Square Lane

RUTHERFIELD STREET

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Forbes Street to Military Square Lane*]

SAMUEL STREET

BOMBAY NO 9

(Jurisdiction Pydhonie and Dongri Police Stations)

[*From Sardar Vallabhbhai Patel Road to Bhandari Road*]

(Jurisdiction Dongri Police Station)

These are the cross roads

LAST SIDE

Chinch Bunder 1st Road

(Jurisdiction : Pydhonie Police Station)

Pydhonie Road
Kazi Sayed Street
Musjid Bunder Road
Mirchi Street
Isaji Street
Bardan Street
Bhandari Street Cross Lane
Bhandari Street

(Jurisdiction Dongri Police Station)

WEST SIDE

Nishanpada 1st Cross Lane

(Jurisdiction Pydhonie Police Station)

Chinch Bunder 1st Road
Pydhonie Road
Samuel Cross Lane
Tantanpura Street
Israel Moholla
Musjid Bunder Road
Garibdas Street
A Lane
DeSouza Street
Bhandari Street

SANDHURST ROAD (EAST)

(*See Sardar Vallabhbhai Pate Road*)

SANDHURST ROAD (WEST)

BOMBAY NO 3

(Jurisdiction Lamington Rd & Maharbowri Police Stations)

[*From Chowpaty to Bhendi Bazar*]

These are the cross roads

SOUTH SIDE

Chowpaty Sea Face
Mathew, Queen s and Girgaum Roads
Lamington Road
Dr Avantikabai Gokhale Road
Benham Hall Lane
Vithalbhai Patel Road
Charni Road
Nawalkar Lane
Paruck Wadi
Dubashwadi Lane
Khetwadi Main Road

[*From Khetwadi 4th Lane to Bhendi Bazar*]

Khetwadi 3rd Lane
Khetwadi 2nd Lane
Khetwadi 1st Lane
Ardeshir Dady Street
Falkland Road
Northbrook Street
Kumbharwada Street
Bhandari Street
Duncan Road
Bara Imam Road
Doctor Street
Erskine Road
Nagam Cross Lane
Bhendi Bazar

NORTH SIDE

Bhendi Bazar
Baloo Street
Dhabu Street
Doctor Street
Mutton Street
Chimna Butcher Street
Bara Imam Road
Duncan Road
Bhandari Street
Kumbharwada Street
Northbrook Street
1st Pathan Street
Trimbak Parsharam Street
Falkland Road
Khetwadi Back Road
Khetwadi 2nd Lane
Khetwadi 3rd Lane
Khetwadi 4th Lane
Khetwadi 5th Lane
Khetwadi 6th Lane
Khetwadi 7th Lane
Khetwadi Main Road
Dr Bhajeker Street
Charni Road
Parekh Street
Vithalbhai Patel Road
Lamington Road
Girgaum Road
French Bridge
Sandhurst Bridge
Hughes Road
Chowpatty Parade

SANKLI STREET

Bombay No 8

(Jurisdiction Nagpada Police Station)

[*From Clare Road to Morland Road*]

These are the cross roads

NORTH SIDE

Sankli 2nd Cross Lane
3rd Sankli Street Cross Lane

SOUTH SIDE

A Lane
Ripon Road
Reynold s Road
Morland Road

SARDAR VALLABHBHAI PATEL ROAD

(*Formerly called Sandhurst Road (East)*)

BOMBAY NO 9

(Jurisdiction Dongri Police Station)

[*From Ebrahim Rahimtoola Road (Bhendi Bazar) to Chinch Bunder Road*]

These are the cross roads

SOUTH SIDE

Memonwada Road
Kambekar Street
Jakaria Musjid Street
Tandel Street
Nishanpada Road
Samuel Street
Dongri Street
Chinch Bunder Road

NORTH SIDE

Haji Bachooally Road
Jail Road East
Umerkhadi Cross Street
Nishanpada Road
Tandel Street
Dharamshala Road
Memonwada Road
Ebrahim Rahimtoola Road

SHAMSHET STREET

BOMBAY NO 2

(Jurisdiction : Princess St Police Station)

[*From Abdul Rehman Street to Sheikh Memon Street*]

These are the cross roads

NORTH SIDE

Sheikh Memon Street

SOUTH SIDE

Abdul Rehman Street

SHEIKH MEMON STREET

BOMBAY NO 2

(Jurisdiction Princess St Police Station)

[*From Carnac Road and Lohar Street to Kalbadevi Road*]

These are the cross roads

WEST SIDE

Kutchi Garden Lane
Princess Street
Bohra Musjid Lane
1st Ganeshwadi
2nd Ganeshwadi
Moolji Jetha Market, Navi Gully
Chikhal Gully
Moolji Jetha Market, Ghadial Gully
Moolji Jetha Market, Dadar Gully
Champa Wadi
Vithal Wadi
Kalbadevi Road

EAST SIDE

Mumbadevi Road
1st Agiari Lane
2nd Agiari Lane

Sheikh Memon Street—contd

Mirza Street
Shamset Street
Sutar Chawl
Tanjikar Street
Mirchi Bazaar Lane
Panjari Street
Carnac Road

SHERIFF DEVJEE STREET

(CHAKLA STREET)

BOMBAY NO 3

(Jurisdiction : Pydhonie Police Station)

[*From Carnac Road to Musjid Bunder Road and Jakaria Musjid Street*]

These are the cross road

WEST SIDE

Janjikar Street
Bhajipala Street
Labjan Street
Musjid Bunder Road and Zakaria Musjid Road

EAST SIDE

Kumbharwada Lane
Chakla Cross Lane
Bhandari Street
Janjikar Street
Carnac Road

SLEATER ROAD

BOMBAY NO 7

(Jurisdiction : Lamington Rd Police Station)

[*From Falkland Low Level Road to Tardeo and Grant Roads*]

These are the cross roads

WEST SIDE

Tukaram Javji Road
Jehangir Dajı Cross Lane
Shankershet Road
Sleater Road 2nd Cross Lane
Sleater Road 1st Cross Lane
Tardeo and Grant Roads

EAST SIDE

Lady Pochkhanawala Road

SOBANI ROAD

BOMBAY NO 5

(Jurisdiction Colaba Police Station)

[*From Khatau Road to Kuttridge Road*]

These are the cross roads

EAST SIDE

Fazal Road
Kuttridge Road

WEST SIDE

Fazal Road

SORAB BHARUCHA ROAD

BOMBAY NO 5

(Jurisdiction : Colaba Police Station)

[*From Colaba Road*]

SOUTER STREET

BOMBAY NO 8

(Jurisdiction : Agripada Police Station)

[*From Lamington Road to De Lisle Road*]

These are the cross roads

SOUTH SIDE

Club Back Road
Rebeck Street
Morland Road
Ripon Road
A Street
Tank Pakhadi Road
Budloo Rangari Road
3rd Sankli Street Cross Lane
2nd Sankli Street Cross Lane
Souter Street
Haines Road

NORTH SIDE

Motlibai Street
Cyrus Avenue
Rebeck Street
Agripada Chawl Street
Morland Road
Ripon Road
Water Street
Haines Road

SOUTH AVENUE

BOMBAY NO 21 & 23

(Jurisdiction : Bandra Police Station)

[*From Ghodbunder Road to Linking Road and Dadabai Road*]

These are the cross roads

SOUTH SIDE

1st Avenue
Central Avenue
West Avenue
Linking Road

NORTH SIDE

Dadabai Road
West Avenue
Central Avenue
1st Avenue
Ghodbunder Road

SPROTT ROAD

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Ballard Road to Wittet Road*]

These are the cross roads

EAST SIDE

Dougall Road
Graham Road
Wittet Road

WEST SIDE

Wilson Road
Graham Road
Currimbhoy Road
Wittet Road

St. GEORGE'S ROAD

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

This is the cross road

NORTH SIDE

Frere Road

St MARY'S ROAD

BOMBAY NO 10

(Jurisdiction Mazagaon-Byculla Police Station)

[*From Mazagaon Road to Nesbit Road*]

These are the cross roads

SOUTH SIDE

A Lane
A Lane

NORTH SIDE

Nesbit Road

STEVENS STREET

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Apollo Pier Road to Lansdowne Road*]

This is the cross road

WEST SIDE

Lansdowne Road

STORE LANE

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Parsi Bazar Street to Homji Street*]

STRAND ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Apollo Pier to Arthur Bunder Road*]

These are the cross roads

WEST SIDE

Lansdowne Road
Naoroji Fardoonji Road
Ormiston Road
Henry Road
Arthur Bunder Road

SUPARIBAUG ROAD

BOMBAY NO 12

(Jurisdiction Kalachowki Police Station)

[*From Dadar Road to Parel Chawl Road*

These are the cross roads

EAST SIDE

Gokhale Society Lane
Dr Bathiata Road
Jehangir Merwanji Street
Dadabhoy Chamarbagwala Road
Armar Merwanji Street
Chamarbag Road
A Lane
A small Lane
Dr Shirodkar Road
Hospital Avenue
Jijibhoy Lane
A Lane
Parel Chawl Road

WEST SIDE

Parel Chawl Road
Currey Road
A Small Lane
Entrance to Central Railway Workshop
A Small Lane
A Lane
A Lane
A Lane
Elphinstone Road

SUSSEX ROAD

BOMBAY NO 27

(Jurisdiction Byculla Police Station)

[*From Connaught Road to Victoria Gardens Road*]

These are the cross roads

NORTH SIDE

Cork Road
Victoria Gardens Road

SOUTH SIDE

Connaught Road

SUTAR CHAWL

BOMBAY NO 2

(Jurisdiction : Princess St Police Station)

[*From Abdul Rehman Street to Sheikh Memon Street*]

These are the cross roads

NORTH SIDE

Sheikh Memon Street

SOUTH SIDE

Abdul Rehman Street

TAMARIND LANE

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Meadows Street to Vir Nariman Street*]

These are the cross roads

NORTH AND WEST SIDES

Dean Lane
Bruce Street
Armenian Lane
Vir Nariman Street

SOUTH AND EAST SIDES

Dean Lane
Bruce Street

TARDEO ROAD

BOMBAY NO 7

(Jurisdiction : Gamdevi Police Station)

[*From the Corner of Gowalia Tank Road and Grant Road to Clerk Road and Hornby Vellard*]

These are the cross roads

EAST SIDE

Shanker Sheth Lane
Jagannath Street
Tukaram Javji Road
Falkland Road
Wadia Street
Wadia Street
Avabai Kashinath Road
Sir Ratan Tata Road
Tulsi Wadi
Clerk Road

WEST SIDE

Gamadia Colony Road
Forjett Street
Bai Motlibai Street
Bai Dinbai Street
Gowalia Tank Road & Grant Road

TATA ROAD No. 1

BOMBAY NO 4

(Jurisdiction Lamington Rd Police Station)

(Private Road)

[*From New Queen s Road to Girgaum Road*]

TATA ROAD No 2

BOMBAY NO 4

(Jurisdiction : Lamington Rd Police Station)

[*From Tata Road No 1 to Charni Road*]

TEJPAL ROAD

BOMBAY NO 7

(Jurisdiction : Gamdevi Police Station)

[*From Owen Dunn Road*]

THAKURDWAR ROAD

BOMBAY NO 2

(Jurisdiction Maharbowri and Princess Street Police Stations)

[*From Vithalbhai Patel Road and Bhuleshwar Road to Queen's Road*]

(Jurisdiction : Maharbowri Police Station)

These are the cross roads

NORTH SIDE

Khattarally Lane
Mugbhat Lane
Girgaum Road
Queen s Road

(Jurisdiction Princess St Police Station)

SOUTH SIDE

Karel Wadi
Girgaum Road
Fanaswadi
Khattarally 2nd Lane
Kumbhar Lane

TRIBHOVAN ROAD

BOMBAY NO 4

(Jurisdiction : Lamington Rd Police Station)

[*From Charni Road to Lamington Road*]

These are the cross roads

SOUTH SIDE

Lamington Road

NORTH SIDE

Padamji Road
Charni Road

TULLOCH ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Lansdowne Road to Nauroji Fardoonji Road*]

TURNER ROAD

BOMBAY NO 20

(Jurisdiction Bandra Police Station)

[*From Bandra Railway Station to Pali Road*]

These are the cross roads

WEST SIDE

Naupada Road
Ghodbunder Road

SOUTH SIDE

St Martin's Road
Water Field Road
Prof D'Almeida s Road
Private Lane leading to the Scheme
Pali Road

NORTH SIDE

A Small Lane
A Small Lane
Ghodbunder Road

EAST SIDE

A Private Lane
A Private Lane
Nawapada Lane

ULSTER ROAD

BOMBAY NO 27

(Jurisdiction Byculla Police Station)

[*From Victoria Gardens Road to Cork Road*]

These are the cross roads

NORTH SIDE

Cork Road

SOUTH SIDE

Victoria Gardens Road

UNIVERSITY ROAD

BOMBAY NO 1

(Jurisdiction : Esplanade Police Station)

[*From Mahatma Gandhi Road to Mayo Road*]

These are the cross roads

NORTH SIDE

Eldon Road
Mayo Road

VACHAGANDHI ROAD

BOMBAY NO 7

(Jurisdiction : Gamdevi Police Station)

[*From Harvey Road to Hughes Road*]

These are the cross roads

SOUTH SIDE

Hughes Road

NORTH SIDE

Harvey Road

VICTORIA GARDENS ROAD

BOMBAY NO 8

(Jurisdiction : Byculla & Nagpada Police Stations)

[*From J J Hospital to Parel Chawl Road*]

These are the cross roads

WEST SIDE

Grant Road
Bellasis Road (Dimtimkar Road)
4th Peerkhan Street
2nd Peerkhan Street
New Nagpada Road
Shepherd Road
A Lane
Christ Church Road
Clare Road and Sankli Street
Haines Road
A Lane
Chamber Lane
A Lane
Garden Bridge Road
Parel Chawl Road

EAST SIDE

Babula Tank Road
Vesbit Road
Hansraj Lane and Love Lane
Victoria Road
Khambata Lane
Dhondy Lane
Connaught Road
Sussex Road
Ulster Road
Chinchpokli Road

VICTORIA ROAD

BOMBAY NO 10

(Jurisdiction Byculla Police Station)

[*From Victoria Gardens Road to Reay Road*]

These are the cross roads

NORTH SIDE

3rd Victoria Cross Lane
2nd Victoria Cross Lane which leads to V Gardens Office
1st Victoria Cross Lane
Mount Road
Reay Road Station Bridge
Reay Road

SOUTH SIDE

Mount Road
Reay Road

VINCENT ROAD

BOMBAY NO 14

(Jurisdiction : Kingsway Police Station)

[*From Dadar Main Road to Sion Road*]

These are the cross roads

EAST SIDE

A Small Lane
Govindji Keni Road
A Lane
B J Deorukhkar Road
Morbaug Road
Nargaum Cross Road
Tilak Road

Vincent Road—contd

Khareghat Road
Lady Jehangir Road
Parsee Colony Road No 5
Hormusji Adenwalla Road
Parsee Colony Road No 34

WEST SIDE

A Street
Bhau Daji Road
A Lane
Bhandarkar Road
Chandavarkar Road
Deodhar Road
Lady Jehangir Road
Khareghat Road
Tilak Road
Kohinoor Road
Narayan Cross Road
Goluldas Pasta Road
A Street
Dadar Main Road

VIR NARIMAN STREET

[*Formerly called Churchgate Street*]

POMBAY NO 1

(Jurisdiction Esplanade & Palton Rd Police Stations)

[*From Netaji Subhas Road to Horniman Circle*]

These are the cross roads

SOUTH SIDE

Netaji Subhas Road
Jamshedji Tata Road
Queen's Road
Mayo Road
Mahatma Gandhi Road
Tamarind Lane
Horniman Circle

NORTH SIDE

Road E
Queen's Road
Marine Lines
Mayo Road
Mahatma Gandhi and Hornby Roads
Nanabhai Lane
Cawasji Patel Street
Horniman Circle

VITHALBHAI PATEL ROAD

BOMBAY NO 4

(Jurisdiction Maharbowri & Lamington Road Police Stations)

[*From Bhuleshwar and Thakurdwar Roads to Kennedy Bridge*]

These are the cross roads

EAST SIDE

Cowasji Patel Tank
Cowasji Patel Tank Road
Ardeshir Dady Street
1st Parsiwada Lane
2nd Parsiwada Lane
Dr Wilson Street
Dr Deshmukh Lane
Dubash Lane 2
Dubash Lane
A Lane
Naralkar Lane
Charni Road
Sardar Vallabhbhai Patel Road
Bangad Wadi
Chaubal Lane
Lamington Road
Proctor Road
Kennedy Bridge

WEST SIDE

Paper Mill Lane
Lamington Road
Sardar Vallabhbhai Patel Road
Benham Hall Lane
Charni Road
A Small Lane
Khotachi Wadi
Amrat Wadi
A Lane
Sadashiv Street
Kakadwadi
Khadilkar Road
Khataralli Lane
Thakurdwar Bhuleshwar Roads

WADI BUNDER ROAD

BOMBAY NO 10

(Jurisdiction Dongri and Byculla Police Stations)

[*From D Lama Street to Mazagaon Road*]

(Jurisdiction Byculla Police Station)

These are the cross roads

NORTH SIDE

Reay Road
Belvedere Hill Road
Belvedere Road
A Lane
Mazagaon Road

(Jurisdiction Dongri Police Station)

SOUTH SIDE

Frere Road

WALKESHWAR ROAD

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[*From Chowpatty Sea Face to Government House Gate*]

These are the cross roads

EAST SIDE

Front Gate to Government House
Shantaram Narayan Lane

WEST SIDE

Bangunga Road
Dongarsi Road & Ridge Road

WALLACE STREET

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[*From Hornby Road to Murzban Road*]

These are the cross roads

SOUTH SIDE

Bastion Road

NORTH SIDE

Bastion Road
Murzban Road

WALTON ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*From Colaba Road to Merewether Road*]

These are the cross roads

SOUTH SIDE

Oliver Road

NORTH SIDE

Merewether Road

WARDEN ROAD

(*See under Bhulabhai Desai Road*)

WAUDBY ROAD

BOMBAY NO 1

(Jurisdiction Esplanade Police Station)

[*From Hornby Road to Mahatma Gandhi Road*]

These are the cross roads

EAST SIDE

Ravelin Street
Home Street
Outram Road

WEST SIDE

A Lane
Mahatma Gandhi Road

WILDERNESS ROAD

BOMBAY NO 6

Malabar Hill

(Jurisdiction Gamdevi Police Station)

[*From Ridge Road to Nepean Sea Road*]

WILSON ROAD

BOMBAY NO 1

(Jurisdiction Palton Rd Police Station)

[*From Nicol Road to Sprott Road*]

WINTER ROAD

(Blind Lane)

BOMBAY NO 6

(Jurisdiction Gamdevi Police Station)

[*From Ridge Road*]

WITTET ROAD

BOMBAY NO 1

(Jurisdiction : Palton Rd Police Station)

[*From Fort Street to Ballard Road*]

These are the cross roads

SOUTH SIDE

Sprott Road
Dougall Road
Ballard Road

WODEHOUSE ROAD

BOMBAY NO 1

(Jurisdiction Colaba Police Station)

[*Mahatma Gandhi Road (Wellington Fountain) to Colaba Road*]

These are the cross roads

SOUTH SIDE

Convent Street
Ormiston Street
Kittridge Road
A New Road
Colaba Cross Lane
Colaba Road

WEST SIDE

Panday Road
Khatau Road
Fazul Road
Kittridge Road
Cuffe Parade
Cooperage Road
Mahatma Gandhi Road

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Mody Professor of Chemical Technology and Director —K Venkataraman, M A (Madras) M Sc Tech Ph D D Sc (Manc), M I Chem E F R I C I N I *Professor of Textile Chemistry* —G M Nabar B A M Sc (Bom) M Sc Tech, Ph D (Manc) F R I C, F T I *Professor of Dyestuff Technology* B D Tilak B Sc (Tech), Ph D (Bom), D Phil (Oxon) *Professor of Chemical Engineering* —G P Kane M Sc (Bom), Ph D (Lond) D I C, A M I Chem E *Sir Homi Mehta Reader in the Technology of Oils Fats and Waxes* J G Kane, M Sc (Bom) Ph D (Wisconsin) A I I Sc A M I Chem E *Sir Dorabji Tata Reader in Pharmaceutical Chemistry* —M L Khorana, B Sc (Pharm) M Sc (Mich) *Sir Homi Mehta Reader in the Technology of High Polymers* – N R Kamath, B Sc, B Sc (Tech) *Reader in Food Technology* —A Sreenivasan, M A, D Sc (Madras) F R I C, I N I, *Reader in General Engineering* – M V Joshi, B E (Bom) B Sc Tech (Manc), *Reader in the Technology of Dyeing and Printing* – S H Mhatre B Sc M Sc Tech Ph D (Bom), Ph D (Manc) A F I C, I T I *Reader in Colour Chemistry* V K Dikshit, B Sc (Tech) M Ch E (Brooklyn) *Sanghanee Reader in Chemical Engineering* S M Shah B Sc B Sc (Tech), Ph D (Lond) D I C *Sanghanee Lecturer in Colour Physics* M R Padhye, M Sc, Ph D (Baroda) *Lecturer in Chemistry of Oils* D Rebello B Sc B Sc (Tech) Ph D (Pittsburgh) *Lecturer in Technology of Paints and Varnishes* – S G Vyas, B Sc B Sc (Tech) (Nagpur) M Ch E (Brooklyn) *Sanghanee Lecturer in Pharmacy* – (Mrs) M R Bachwal B Sc M Sc (Tech) *Lecturer in Inorganic and Physical Chemistry* —B N Ghosh M Sc (Bom), Ph D (Leeds) A R I C *Lecturer in Applied Mathematics* —D K Sen M Sc, Ph D *Sanghanee Lecturer in Chemical Engineering* B Narayan Das M Sc (Cal) C I I Sc M I I Chem I M A I Chem I A M I E (India) M Electrochem Soc *Sanghanee Lecturer in Food Technology* — (Vacant) *Lecturer in Experimental Dyeing* (Vacant) *Senior Analyst* N I Desai B Sc B Sc (Tech) Ph D (Glas) A R T C (Glas) *Micro Analyst* L S Gore B Sc (Tech) Ph D, *Research Assistant in Chemical Technology and Part time Lecturer in Organic Chemistry* K H Shah, B Sc (Tech), Ph D *B M O I Research Assistant* C V Padmanabhan M Sc (Tech) Ph D *Technical Assistant in Dyeing and Printing* —V D Sahakari B Sc B Sc (Tech) *Sir Homi Mehta Demonstrator in Plastics Paints and Varnishes* D B Vidwans, B A, B Sc M Sc (Tech) *Demonstrator in Paints and Varnishes* L N Mankad B Sc, M Sc (Tech) *Demonstrator in Tinctorial Chemistry* —V V Ghaisas B Sc B Sc (Tech), *Demonstrator in Chemistry of Foods and Drugs* – H R Pithawala, B Sc (Tech) Ph D (on study leave) *Demonstrator in General Engineering* V M Ogale, I M D L L B (cal) D F E *Demonstrator in Oils Fats and Soaps* B Sreenivasan B Sc B Sc (Tech) *Demonstrator in Technical Chemistry* –D S Kedare B Sc M Sc (Tech) *Demonstrator in Dyestuff Technology* B S Joshi B Sc (Tech) Ph D *Demonstrator in Chemistry* – B G Bhat M Sc *Demonstrator in Dyeing and Printing* –R H Bongirwar B Sc B Sc (Tech) *Demonstrator in Oils Fats and Waxes* C B Khanpara B Sc B Sc (Tech) *Demonstrator in Pharmaceutical Chemistry* —R S Balchwal B Sc M Sc (Tech) *Sanghanee Demonstrator in Chemical Engineering* – B K Kamat, B Sc B Sc (Tech) *Demonstrator in Textile Chemistry* S Sundaram B Sc B Sc (Tech) *Demonstrator in Chemical Engineering* G K Joshi B Sc B Sc (Tech) *Sanghanee Demonstrator in Chemical Technology* –M N Marathe B Sc, B Sc (Tech) *Temporary Demonstrator in Chemistry of Foods and Drugs* S B Dhungat, B Sc B Sc (Tech) *Workshop Instructor* –D V Tamhankar D T I R *Analysts* N S Sardya B Sc B Sc (Tech), P M Rane B Sc, B Sc (Tech), N R Thakoor B Sc M Sc (Tech)

The undermentioned members of the staff of other institutions are co-operating in the teaching work of the Department in the following subjects –

Costing and Estimating —P C Hansotia, B Com G D A R A F S A A (Sydenham College of Commerce) *Manufacture of Yarn and Cloth* —M G Kulkarni B Sc (Tech) M Sc Tech (Manc) (Victoria Jubilee Technical Institute) *Design Applied to Textile Printing* — O C Rodrigues G D Art *Industrial Organisation and Industrial Relations* —I R Dhongde B A (Bom) B Com (Lond) (Sydenham College of Commerce), *Construction of Works* –V H Acharya B A B Sc (Bom), B Sc (Edin) M I Munc and C E (Lond) (Victoria Jubilee Technical Institute) *Mechanical and Electrical Engineering Laboratory Practical* –B Sengupta B Sc (Eng) (Benares), M I Mech E (Lond) M I E (India) and P K Kelkar, Ph D (L Pool), A M I E E (Victoria Jubilee Technical Institute) *Pharmacology* W B Bhawe B Sc M B B S (Seth G S Medical College) *Physiology* —K C Bathiwala M B B S Ph D (Seth G S Medical College), *Pharmacognosy* –K C Chatterjee B Sc (Manc) Ph C D B A, D I A (Boots Pure Drug Co, Ltd) *Forensic Pharmacy* – B V Patel B Sc, Ph C B Pharm (Lond) (Drugs Controller), *Microbiology* –J P Menezes, M B B S, B M S M S Rao Ph D (Madras) *German* —B V Samant M Sc, *English* — V H Kulkarni, M A (Ramniram Ruia College), *Elements of Economics* I G Khedekar M A (Khalsa College)

Engineering subjects including physics for the four year course in Chemical Engineering are taught in the V J Technical Institute

UNIVERSITY DEPARTMENT OF STATISTICS

Reader in Statistics —M C Chakrabarti, M Sc (Dacca), *Lecturers in Statistics* —K Sambashiva Rao M A (Andhra) K C Chaki M Sc (Cal) A M Kshirsagar M Sc (Bombay) *Demonstrators* M K Vaikhokar M Sc (Bom) M N Panhankar, M Sc (Bom) H Nataraja Iyer, M Sc (Travancore)

SUCCESSION LIST OF CHANCELLORS From 1930

1928	Dec, The Right Honourable Sir Frederick Sykes, P C, G C I E, G B E, K C B, C M G
1931	April, Sir Ernest Hotson, K C S I, O B E, I C S (From 26 4 31 to 23-8 31)
1931	Aug, The Right Honourable Sir Frederick Sykes, P C, G C I E, G B E, K C B, C M G
1933	Dec, The Right Honourable Michael Herbert Rudolf Knatchbull, Lord Brabourne, G C I E, M C
1936	May, The Honourable Sir Robert Duncan Bell K C S I, C I E, M A, B Sc (Edin), I C S (From 31 5 36 to 28 9 36)
1936	Sept, The Right Honourable Michael Herbert Rudolf Knatchbull, Lord Brabourne, G C I E, M C
1937	Sept, Sir Lawrence Roger Lumley, G C I E, D L
1943	March, The Right Hon'ble Sir John Colville, G C I E, T D
1946	Aug, Sir Andrew Clow, M A, K C S I, C I E, I C S (From 21 8-46 to 25 12-46)
1946	Dec, The Right Honourable Sir John Colville, G C I E, T D
1947	May, Sir Sonti Venkata Ramamurti M A (Cantab), K C I E I C S (From 19 5 47 to 30 5 47)
1947	June, The Right Honourable Sir John Colville, G C I E T D
1947	Sept Sir Hormusji Peroshaw Mody M A LL B K B E (From 7 9 47 to 22 9 47)
1947	Sept 23 The Right Honourable Sir John Colville G C I E T D
1948	Jan, His Excellency Raja Maharaj Singh, M A (Oxon), Bar at-Law
1952	May Girja Shanker Bajpai B A (Oxon) B Sc (Allahabad) D Litt (Delhi)
1953	Feb Shri Mangaldas Manchharam Pakvasa B A LL B (From 1 2 53 to 22 2 53)
1953	Feb 22, Girja Shanker Bajpai, B A (Oxon) B Sc (Allahabad) D Litt (Delhi)

SUCCESSION LIST OF VICE CHANCELLORS From 1930

1930	April, The Honourable Mr Justice Mirza Ali Akbar Khan B A, Bar at Law
1931	Nov Sir Navroji Jehangir Wadia Kt Bar at Law
1933	April, Sir Vithal Narayan Chandavarkar, M A (Cantab), Bar at Law
1939	April, Sir Rustom P Masani, M A
1942	June, Sir Bomanji J Wadia, M A, L L B, Bar at Law
1947	April, The Honourable Mr Justice M C Chagla, B A (Oxon), Bar at Law
1947	Nov, Dr Pandurang Vaman Kane, M A, L L M, D Litt
1949	Nov, The Hon Mr Justice N H Bhagwati, M A, L L B
1951	Nov, Navroji Jehangir Wadia Bar at Law

RECIPIENTS OF THE HONORARY DEGREE OF LL D from 1930

1924	Sir Chimanlal Harilal Setalvad, K C I E, B A, L L B
1931	The Right Hon Sir Dinshaw F Mulla, P C, C I E, M A, L L B
1931	Sir Chandrasekhara Venkata Raman, M A, Ph D, D Sc, L L D, F R S
1931	Sir M Visvesvaraya, K C I E, D Sc, M I C E
1931	Shams-ul Ulama Sir Jivanji J Modi, C I E, B A, Ph D

COLLEGES

BHAVAN'S COLLEGE

Andheri, Bombay

This College at Andheri is a constituent institution of the Bharatiya Vidya Bhavan, Bombay of which Shri K M Munshi is the President The College was started in June 1946 with the help of the munificent donations of Seth Gordhandas Megji (in memory of his father, Seth Megji Mathradas) and of Seth Gordhandas P Sonawala and other partners of Messrs Narrondass Manordass (in memory of Seth Narrondass Manordass)

The College is situated in ideal surroundings in the Nav Gujarat camps bounded by the Gilbert Hill on the east the Juhu creek and beach on the south and west and by the Versova Road on the north Far removed from the din and bustle it is yet within easy reach of the metropolis

The College is affiliated to the University of Bombay for courses of studies leading to B A , B Sc , and Ph D Degrees

A large hostel for boys and a ladies hostel as well as a National Cadet Corps platoon are also attached to the College There is also a Land Army attached to the College

Principal —F Correia Afonso, M A (Oxon)

BOMBAY VETERINARY COLLEGE

Parel, Bombay

This institution is maintained by the Government of Bombay and provides a full course of instruction in Veterinary Science Clinical and other facilities are afforded to meet veterinary educational requirements in the Bai Sakerbai Dinshaw Petit Hospital for Animals which adjoins the College The object of the College is to train competent practitioners for veterinary service under Government, for private practice, for service in other States and for special posts under Municipalities, District Local Boards, &c Fees Rs 80 per annum for each Indian student and Rs 500 for foreign student The College is affiliated to the Bombay University (since June 1945) for the four years Degree Course, B Sc (Vet)

STAFF

Dr S R Chadha B Sc M R C V S (Principal) S P Deshpande, G B V C , A I D R I (Bang) (Professor of Medicine) I S Khambata, G B V C , B Ag B Sc (Professor of Animal Husbandry) K R Alur, G B V C (Asst Professor of Anatomy) S R Hattangady, G M V C , B V Sc (Asst Professor of Surgery) S J Khambate, G B V C (Bom) (Asst Professor of Medicine) R M Kalapesi G B V C , P G (Edin) (Asst Professor of Pathology), G H Joshi, G B V C (Asst Professor of Animal Husbandry) M H Nagamia G B V C (Asst Professor of Surgery), S G Kshirsagar, G B V C (Asst Professor of Animal Husbandry), B L Purohoit, G B V C (Asst Professor of Pathology), R K Raikar G B V C (Lecturer) G R Murkibhavi G B V C (Lecturer) S M Ajmkya, B Sc (Vet) (Hons) (Lecturer), V P Godbole B Sc (Vet) (Hons) (Lecturer), D R Modholkar, G B V C (Lecturer), L S Hiregoudar G B V C (Lecturer), M K Shingatgeri, B Sc (Vet) (Hons) (Lecturer) M K Havaldar, G B V C (Lecturer), Dr S R Rao, M Sc D Sc (Parasitologist, Civil Veterinary Dept)

BACTERIOLOGICAL LABORATORY

D T Parnaik, G B V C , Asst Bacteriologist, W V Chatupale, G B V C Asst Pathologist S P Phadke, G B V C , D R Dhake, G B V C , V B Kulkarni, G B V C S R Kulkarni, G B V C , Graduate Assistants

BOMBAY CITY AND HARBOUR VETERINARY DEPARTMENT

Dr S R Chadha, B Sc , M R C V S , Government Veterinary Officer for Bombay City and Harbour Veterinary Dept W V Soman, G B V C (Bom), Deputy Superintendent, Bombay City and Harbour Veterinary Department

S N Naik, C Olivera, G B V C , G S Patankar, G B V C , R H Naik, G B V C , A C Malkani, G B V C , V G Revandekar, G B V C B G Waghmare, G B V C , Veterinary Inspectors

COLLEGE OF PHYSICIANS AND SURGEONS

Hospital Avenue, Parel, Bombay 12

Khan Bahadur Captain Navroji Jamshedji Vazifdar, *President*, Dr Nathoobhai Dayalji Patel, Dr Shantilal Chhaganlal Sheth, *Vice Presidents* Dadabsha Kharshedji Bharucha, *Secretary*

DAVAR'S COLLEGE OF COMMERCE, LAW, ECONOMICS AND BANKING

Jehangir Wadia Building, 51, Esplanade Road, Fort, Bombay

This College is recognised by the Director of Public Instruction, the Indian Merchants' Chamber and other Examination Boards as well as by the Council of the Institute of Chartered Accountants for Company Auditors Examinations It has introduced Specialised Professional Courses, such as Specialised Courses in Banking for Diplomas of the English Institute of Bankers (C A I B), the Indian Institute of Bankers (Cer A I I B), the Company Auditors (C A), Diploma of Corporation of Certified Secretaries of London (A C C S), and the Association of International Accountants of England (A A I A) Lectures are also given for senior Commerce subjects for Diploma and Certificate Examinations of the London Chamber of Commerce and Government Commercial Diploma and Certificate Examinations held under the auspices of the Government Education Department and those of the Indian Merchants' Chamber D Com (I M C)

POSTAL TUITION —A Special Department for coaching upcountry students and those in Burma, Ceylon, etc , through post is also being worked for a number of years with great success, side by side with personal class lectures

ELPHINSTONE COLLEGE

Mahatma Gandhi Road, Bombay 1.

Elphinstone College is the oldest Government Arts College in the State of Bombay

The College teaches Arts courses up to the M A and Science courses up to the Intermediate stage Six Daxina Fellowships and a number of scholarships and prizes are awarded annually

Principal —N I Ahmad, M A (Aligarh), B Litt (Oxon)

GOVERNMENT LAW COLLEGE

Bombay

The foundation of this Institution is due to a subscription raised by the inhabitants of Bombay in November 1852 on the eve of the departure from India of Chief Justice Sir Thomas Erskine Perry to found a Professorship of Jurisprudence to commemorate his long connection with Law and Education in India In accordance with the Ordinance passed by the Bombay University in 1929, the Principal of the Government Law College, Bombay, was appointed by the Bombay University as a University Teacher for post-graduate instruction in Law and the necessary arrangements for admission of students for the LL M Degree Course were made from the commencement of the term June to October 1930 It was converted from a part time college into a full time one from June 1938, the fundamental changes being as under —

1 Admission is open to I A , I Sc , or I Coms , with whole-time instruction as in the Arts Colleges

2 The course is to consist of two years, as before, but the subject of English, Precis and Essay writing is added to the First LL B Course, with some adjustment of the subjects for the two old LL B Examinations

3 After two years' training in the College, the student has to pass the examination held by the Bombay Bar Council if he intends to practise in Courts

Lectures are delivered on the following subjects —

(1) Succession and Family Rights, with special reference to Hindu and Muhammadan Law , (2) The Law of Property (including the Law of Transfer) and the Land Revenue Code, the Law of Easements , (3) Equity, with special reference to the Law of Trusts and Specific Relief, (4) The Law of Evidence, Civil Procedure and Limitation , (5) Company Law and the Law of Insolvency , (6) Roman Law , (7) Elements of general Jurisprudence , (8) Constitutional Law and Government of India Acts , (9) The Law of Contracts (including Indian Sale of Goods Act, Indian Partnership Act Negotiable Instruments Act and Mercantile Law) and the Law of Torts , (10) The Law of Crimes and Criminal Procedure Code , (11) English, Essays and Precis Writing

S G Chitale, M A , LL B , Advocate, Principal and Perry Professor of Jurisprudence

GRANT MEDICAL COLLEGE

Parel, Bombay No 8

This College was established in 1845 with the object of imparting medical instruction to the people of Western India and so named as a tribute to the memory of Sir Robert Grant, then Governor of Bombay A moiety of the cost of the building was defrayed by Sir Robert Grant's friends and the remainder by Government Funds for the support of the College, with the exception of certain endowments for encouragement of deserving students are contributed by Government The Principal is subordinate to the Surgeon General with the Government of Bombay

Principal —D P Sethna, F R C S E

Professors —S J Mehta, F R C S (Surgery), H Y Khwaja, F R C S (Operative Surgery), C S Patel F R C S (Associate Professor of Surgery), B B Yodh, M R C P (Medicine), A Karmally, M R C P (Associate Professor of Medicine), V N Shirodkar, M D , F R C S (Midwifery and Gynecology), V K Chitnis, D O (Oxon), F C P S (Ophthalmology), H P Moolgaonkar, L D S , F D S R C S, (Dentistry), S G Talvalkar, D S R C P S (Anasthesia), P V Gharpure, M D , D T M & H (Emeritus) (Professor of Pathology), H I Jhala, M D , D T M (Pathology), D M Telang, M D B Sc (Physiology), P S Dastur, M S (Anatomy), Jal R Patel, M D , F C P S (Pharmacology), H S Mehta, M S , F C P S (Forensic Medicine)

INSTITUTE OF SCIENCE

Mayo Road and Mahatma Gandhi Road, Fort, Bombay

The Institute of Science is affiliated to the University of Bombay for the teaching of the Junior and Senior courses leading to the B Sc. degree in Mathematics, Physics, Chemistry, Botany and Zoology as also for the M Sc degree by papers, in Physics and Chemistry

Research work is also carried on, students being prepared for the M Sc, Ph D, and higher degrees in these subjects as well as in Biochemistry There are about 300 undergraduate and 150 post-graduate students

Director —Dr F R Bharucha, B A, B Sc, M Sc (Cantab), D Sc, F N I

ISMAIL YUSUF COLLEGE

Jogeshwari, Greater Bombay

The College owes its existence to a donation of Rs 8 lakhs made by Sir Mohamud Yusuf for promoting the higher education of Muslim youths It is open to all communities It is a Government Institution teaching the Arts Courses up to the M A Examination and Science Courses up to the B Sc degree It occupies a commanding site on a hill and with its fine playgrounds and hostel facilities, it affords unique opportunities for work and play

Principal, G C Bannerjee, M A (Bom) B A (Oxon)

JAI HIND COLLEGE AND BASANTSING INSTITUTE OF SCIENCE

23 24, Backbay Reclamation, 'A' Road, Bombay 1

The College is affiliated to the University of Bombay and imparts instruction upto M A (Arts) and B Sc (Science) courses It was started by the Sind Educationists Association in June 1948, after the partition of the country for the displaced students from Pakistan, but local students of all communities are also admitted

With the commencement of the academic year June 1952, both the Arts and Science Sections of the College function in the New Building of the College on the Backbay Reclamation

Principal —T M Advani

KHALSA COLLEGE

King's Circle, Bombay 19

The College is completely financed, managed and controlled by the Shiromani Gurdwara Parbandhak Committee, the Premier Sikh Organisation with its headquarters at Amritsar, Punjab The College is situated in tranquil open surroundings and is housed in an imposing three-storeyed building of fine architectural design The Management has built a new hostel for the benefit of students at a cost of about Rs 5 lakhs Though financed entirely by the Sikh community, the College is cosmopolitan in its policy and provides equal opportunities to all communities and allocates a handsome amount every year for help to poor and deserving students Its science laboratories and library are very well equipped The College was affiliated to the Bombay University in July 1937, and admits students to all classes up to M A in Arts, and M Sc in Science

Principal, G S Pal, M Sc (Punjab)

MARINE COLLEGE AND SEAMEN'S ORPHANAGE

Nhava

These charitable institutions were founded by Sir Mohamud Yusuf in 1910 for imparting general, Nautical and Industrial education to poor and orphan boys of Indian Seamen

Industrial training in Carpentry, Weaving and Tailoring courses and Nautical training in Sailor, Quartermaster and Boatswain courses have been recognised by the Director of Technical Education Selected boys are trained for Home Trade Mate, Radio Telegraphy and Marine Motor Engine Driver's Courses

Address —Estate Manager, Novha House, Queen's Road, Bombay 2

NAIR HOSPITAL DENTAL COLLEGE

Lamington Road (North), Jetha Street, Bombay 8

The Nair Hospital Dental College is a Teaching Institution in Dentistry which was started in the year 1933, and is recognised by the Government of India. It has a 4 years' Course, leading up to L.D Sc Diploma, Minimum Qualification for admission is I Sc (B Group) It maintains a Dental Clinic, where patients are treated at a nominal cost under the supervision of qualified Dental Surgeons From 1st November 1946 it has been managed by the Bombay Municipality

Dean, V M Desai, F D, F R C S, D D S, F I C D

PRABHURAM AYURVEDIC COLLEGE

Bhuleshwar, Bombay

Originally started by the late Vaidyaraj Prabhuram Jivanram of Bombay under the Presidentship of the late Mr Justice M G Ranade, as an Institution to impart scientific knowledge of Ayurved, to grant Diplomas to students after passing systematic examinations held by the Dr Popat University of Ayurved, established by Sir A M K Dehlavi

It controls the Thakkar Dayal Bhimji Ayurved Aushadhalaya

The Institutions are managed by a Board of Trustees, Dean, Registrar and the General Secretary

RAMBILAS ANANDILAL PODAR MEDICAL COLLEGE (AYURVEDIC)

Worli, Bombay

This College was established with a munificent donation from late Shri Seth Anandilal Podar in 1941 and is being run entirely by the Bombay Government Since 1952 a degree course of 4½ years in Ayurveda is introduced according to the syllabus fixed by the Faculty of Ayurvedic & Unani Tibbi Systems of Medicine, Bombay, and the degree called G F A M (Graduate of Faculty of Ayurvedic Medicine) will be awarded by the same Faculty to the successful candidates The examinations are held by the same Faculty The syllabus is a combined one comprising both Ayurvedic & Allopathic subjects There is excellent arrangement for teaching & training of the students both in theory and practicals, with a highly qualified staff with post graduate qualifications There is a well equipped hospital (M A Podar Hospital) attached to the College, with Medical, Surgical, Maternity, Gynaec, Casulty, X Ray & Pathology Departments

Principal —M K Shastri B A Ayurvedacharya

RAMNARAIN RUIA COLLEGE

Matunga (C R), Bombay 19

The College was started in 1937 by the Shikshan Prasarak Mandali Poona, to serve the North of Bombay The Mandali was assisted in its establishment by Seth Ramnivas Ramnarain Ruia J P, with a donation of Rs 2 lakhs in recognition of which the College was named after his father, the late Seth Ramnarain Haranandrai The College was granted permanent affiliation by the University in June 1940

Principal —N N Murti B A, Ph D (Lond) D I C (Lond)

Vice Principals —B V Oke, M Sc, B V Mohile, M Sc

RAMNIRAJAN ANANDILAL PODAR COLLEGE OF COMMERCE AND ECONOMICS

Matunga, (C R), Bombay 19

In memory of the late Shri Ramnirajan Anandilal Podar, his brothers Seth Ramdeoji and Seth Ramnathji Podar made a munificent donation in the form of a building to house a Commerce College whose administration rests in the hands of the Shikshana Prasarak Mandali of Poona In June 1941, the Mandali started this College and named it after the late R A Podar

The institution is now a full grade College offering instruction in courses of study leading up to the B Com degree of the University of Bombay It has a teaching staff of 35 members and facilities exist for the teaching of Accounting and Auditing, Banking, Actuarial Science, Organisation of Indian Cotton Industry, Public Finance, Statistics and Economics of Transport, which are optional subjects for the B Com degree of the University of Bombay The College also admits students for the M Com degree Various important commercial bodies in Bombay are represented on the Advisory Committee of the College

Chairman of the Managing Council, Shikshana Prasarak Mandali — Mahamahopadhyaya Datto Vaman Potdar

Chairman of the Advisory Committee —Seth Ramdeoji A Podar

Principal —L N Welingkar, B Sc (Econ), London

RISHI DAYARAM & SETH HASSARAM NATIONAL COLLEGE & SETH WASSIAMULL ASSOMULL SCIENCE COLLEGE

Bandra, Bombay 20

Started in June 1949 as a second grade College in Arts and Science, B A classes, general and special were added in June 1950 From June 1951, B Sc, M A and M Sc classes were introduced The College housed in its own R C C building, is entirely due to the joint efforts of Shri H G Advani Bar at law and Prof K M Kundanani, President and Secretary respectively of the Managing Board, and the support given to them by the late Seth Kishinchand Chellaram and Messrs Wassiamull

Assomull The College is a sequel to the 'Dayaram Gidumal National College (in memory of the late Diwan Dayaram Gidumal, C S, Sindhi savant social reformer, educationist and philanthropist) and Seth Hassaram Rijhumal College of Commerce and Economics at Hyderabad, Sind (W Pakistan) Following the partition of the country both these institutions (managed by the Hyderabad, Sind National Collegiate Board) were taken over by the Government of Sind under the Pakistan Economics Rehabilitation Ordinance Generous donations have also been given by (1) Messrs Kishinchand Chellaram famous firm of Silk merchants for a Hostel in memory of Bhai Tahilram Kishinchand, and (2) the Watumull Foundation of Los Angeles (U S A), through Mrs G J Watumull and Mr J Watumull for an Assembly Hall in the College

Principal —Prof K M Kundnani, M Sc

SECONDARY TRAINING COLLEGE

Cruickshank Road

The Secondary Training College is a Government College for the Training of Secondary Teachers and for the promotion of educational research The College is located in the Elphinstone Technical High School building, Cruickshank Road, and uses the Elphinstone Technical High School as its main Practising School

The College is affiliated to the Bombay University for purposes of the Degrees of Bachelor of Teaching and Master of Education It trains teachers and undertakes investigations into educational problems

Principal S Panandikar, M A, M Lit

SETH GORDHANDAS SUNDERDAS MEDICAL COLLEGE

King Edward Road, Parel, Bombay 12

The Seth Gordhandas Sunderdas Medical College is the outcome of a munificent endowment to the Bombay Municipal Corporation out of the estate of the late Seth Gordhandas Sunderdas The College is equipped and maintained by the Municipal Corporation and is affiliated to the University of Bombay It was opened in June 1925 The Museum building attached to the College is a separate one constructed out of the proceeds of a donation made by the Trustees of the Seth Jamnadas Lallubhai Charities and funds sanctioned by the Corporation

Dean Dr R G Dhayagude, M D (Bom)

Assistant Dean Dr V V Jadhav, M B B S

PROFESSORS

Dr K G Batliwalla, M B B S, Ph D, Professor of Physiology Dr N M Purandare, M D, Professor of Pathology and Bacteriology, Dr G M Kamulkar, M B B S, Professor of Anatomy (Temp), Dr R A Lewis M D, Professor of Pharmacology (*Visiting Professor*)

ASSISTANT PROFESSORS

Dr W B Bhawe, M B B S, B Sc, Assistant Professor of Pharmacology, Dr R G Chitre, M Sc, Ph D, Assistant Professor of Bio chemistry, Dr S N Kothare M D, D I M & H (Lond), Assistant Professor of Pathology and Bacteriology Dr D D Banker M D, Assistant Professor of Pathology and Bacteriology Dr E J Vaz, B Sc, M B B S, Assistant Professor of Physiology (Temp)

SIDDHARTH COLLEGE OF ARTS AND SCIENCE

Albert Building, Hornby Road, Fort Bombay 1

This College was founded on 20th June 1946 by the People s Education Society of which the Hon ble Dr B R Ambedkar is the Chairman Its object is to bring Collegiate education within the reach of middle and poor classes of society It gives special facilities in the matter of fees, hostel accommodation, books, etc, to students belonging to Scheduled Castes

Members of the Governing Body of the Society —Dr B R Ambedkar, N Shivraj, S K Bole D G Jadhav, M B Samarth, S C Joshi, G J Meshram, R R Bhole, H K Patel J H Subiah and M V Donde (*General Secretary*)

Members of the Executive Committee of the College —Dr B R Ambedkar, D G Jadhav, S K Bole, B K Gaikwad, M V Donde, Prof V G Rao, Dr V S Patankar, *Principal* and K V Chitre, *Registrar*

The College holds all classes leading up to B A and M A degrees on the Arts side and B Sc and M Sc degrees on the Science side It holds its Arts classes in the morning from 7 30 a m to 10 45 a m, thus enabling poor and middle class people, who are in service to receive University education by attending these morning classes

Staff —Dr V S Patankar (*Principal*), Dr H R Karnik (*Vice-Principal*)

The Society runs another Arts and Science College at Aurangabad in the Hyderabad State at 9 Cantonment Aurangabad (Dn) Prof M B Chitnis previously of the Siddharth College, Bombay is the Principal

SIDDHARTH COLLEGE OF COMMERCE AND ECONOMICS

Dr Dadabhai Nowroji Street, Bombay 1

This college was started by the Peoples Education Society in June, 1953 to cater to the educational needs of the growing population of the city in general and to promote higher education among the Backward Classes in particular

This college is affiliated to the Bombay University and offers instruction at present, in courses leading upto Intermediate Commerce Examination

Members of the Governing Body —Dr B R Ambedkar (*Chairman*), N Shivraj D G Jadhav, R R Bhole J H Subbiah H K Patel, C N Mohite S K Bole M V Donde S C Joshi M B Samarth, K V Chitre (*Asstt General Secretary*)

Members of the Executive Committee —Dr B R Ambedkar (*Chairman*) Dr S G Panandikar, D G Jadhav M V Donde, R D Bhandare R D Kavli G R Dalvi K B Talwatkar

Principal —G R Dalvi, *Staff* R B Joshi J H Dave, M V Mali, K A Desai B N Patel R A Tendulkar Mrs Aguiar

S N D THACKERSEY WOMEN'S UNIVERSITY

1, Nathibai Thackersey Road, Queens Road, Bombay No 1

The idea of this University was first conceived by Dr D K Karve who had two ideals in view, namely (1) the use of mother tongue as the most natural and effective medium of instruction and (2) differentiation in the courses of study at a certain stage to suit the different roles played by men and women in the social and economic life of the country It is a teaching University and was inaugurated in 1916 Dr Karve was the first Registrar and Dr Ramkrishna Bhandarkar, the first Chancellor A High School and a College (at Poona) were later affiliated to it Thanks to public support and a magnificent donation of Rs 15,00,000 from Sir Vithaldas Thackersey, Dr Karve s ambition was soon realised

The University began to function as a Statutory Body with effect from 13th January 1951 by an Act known as Bom Act No LI of 1949 and Diwan Bahadur K M Jhaveri, M A, LL B has been elected its Vice Chancellor

The University conducts two Arts colleges and two high schools (in Poona and Bombay) and two Colleges one at Ahmedabad and one at Baroda The Government of India and the Government of Bombay in 1942 recognised its work by an initial grant of Rs 1,00,000 each for the purpose of erecting a building and an annual recurring grant of Rs 7,500 each since 1948 Its premises were declared open by the late Lord Brabourne the then Governor of Bombay The Government of Bombay and the Government of India have each sanctioned a non recurring additional grant of Rs 600,000

The Senate is the Supreme Governing Body It meets ordinarily once a year and consists of 85 members 40 elected 11 nominated, 32 *ex officio* and 2 special members The Annual Convocation for conferring the Degrees is generally held in the month of August

The executive government of the University is vested in a Syndicate consisting of the Vice Chancellor, Lady Thackersey Dr D K Karve, the D P I, Dean of Faculty of Arts Principals of colleges and 10 Fellows elected by the Senate for three years

Chancellor Girja Shanker Bajpai, M A, Governor of Bombay

SYNDICATE

Vice Chancellor —D B K M Jhaveri, M A, L L B, J P

Registrar —Miss Laxmi Thackersey, B A

S N D T *College for Women Poona, Principal* Mrs Sharayu Bal, M A B T Prof S Y Ponkashe, M A, L L B, Prof G B Sardar, M A, Prof V D Gokhale, M A, B T

Affiliated Colleges

(1) S I U Gujarat Mahila Pathshala, Vallabhai Road, Ahmedabad

(2) Maharani Chimnabai Mahila Pathshala Sursagar Baroda

(3)* Mahila College, Shah Sadan, Waghwadi Road, Bhavnagar (Saurashtra)

(4)* Vidhya Mandir, Boyce Building, Main Lines, Nanpura, Surat

* *Temporary affiliation granted*

S N D THACKERSEY COLLEGE FOR WOMEN

1, Nathibai Thackersey Road, Fort, Bombay

The Thackersey College in Bombay was started in the year 1931 It is conducted by the S N D Thackersey Women s University, Bombay It has a Three Years' Course, at the end of which a Degree of the Graduate in Arts (G A) is given The medium of instruction is the Vernacular of the student English, the mother tongue of the student, Domestic Science, Hygiene, Psychology, are compulsory subjects Besides these there are various optional subjects like Music and Drawing and Painting suited to the requirements of women The Degrees of this University are recognised by the Government of Bombay

Principal —Mrs D J S Engineer, M A , B T

Professors —D S Phatak, M A , S G Betal, M A , LL B , U M Manjar M A Dr Chandrakala Hate, M A , Ph D

SOPHIA COLLEGE FOR WOMEN

Bhulabhai Desai Road, Bombay 26

Opened in 1940 for the higher education of Members of all Communities this College is affiliated to the Bombay University for the courses leading up to M A Honours in English French, History and Economics and upto Intermediate Science in Physics, Chemistry and Biology

The College has a spacious building in large grounds overlooking the sea

PRINCIPAL —Rev Mother W Ward, M A (Oxon)

ST XAVIER'S COLLEGE

Cruickshank Road, Bombay 1

St Xavier s College owes its origin to the development and growth of St Mary s Institution and St Xavier s High School and was affiliated to the Bombay University in 1869 Its object is to provide the Catholic youth with a full course of sound and liberal education Non-Christians are likewise admitted

The College prepares students for Degrees in Arts and Science and the Diploma in Teaching of the University of Bombay Lectures are delivered on Religion (for Catholics) and Moral Science and in the following departments

FACULTY OF ARTS

Section of Classical Languages —Sanskrit, Pali Avesta Pahlavi Persian and Arabic, Greek Latin, Hebrew

Section of Modern Indian Languages —Hindi Marathi, Gujarati, Urdu

Section of Modern European Languages —English, French, Portuguese

Philosophy History, Economics, and Politics, Sociology, Education

FACULTY OF SCIENCE

Mathematics, Physics, Chemistry

Section of Biology —Botany, Zoology, Microbiology

Geology and Geography

The College also conducts Guidance Classes for Candidates preparing for the competitive examinations conducted by the Union Public Service Commission

Principal —Rev M M Balaguer, S J

SYDENHAM COLLEGE OF COMMERCE AND ECONOMICS

Near Sir J J School of Art, Hornby Road, Bombay

This College was opened in October 1913 for the general purpose of furnishing young men embarking on a business life with an education of a University standard in subjects that are bound to be of primary interest and importance to them in their careers It was founded on the model of the great and rapidly developing institutions of a similar type in England, the Continent of Europe and America

As a College of " Economics it aims at providing a liberal education in all branches of social science likely to be helpful to anyone concerned with public affairs, whether as an administrator, writer, or teacher

The College accordingly offers—

(*a*) English, Economics, Commercial Geography, Book-keeping, Modern Economic Development, Trade, Indian Currency and Banking, Statistics, Mercantile Law and Business Organization

(*b*) Optional courses in Special subjects, which are selected by students in accordance with the particular demands of their intended vocation, *e g* , Banking, Accounting, Actuarial Science, the Organization of Cotton Trade, Economics of Transport and Public Finance and Administration

The College is affiliated to the University of Bombay, and provides a systematic course of study leading to the degrees of Bachelor of Commerce, Master of Commerce and Ph D (Commerce)

The College also offers facilities for non university courses of studies by means of special evening classes It has evening classes for preparing candidates for the Sydenham College Diplomas in Accountancy and Secretarial Practice A special evening class is also held at the College to prepare candidates for the Preliminary Examination of the Institute of Actuaries, London The College has its own Hostel, Cricket Ground and Tennis Courts

Principal and Professor of Banking —S K Muranjan, M A (Bom), B Sc , D Sc (Lond)

TOPIWALA NATIONAL MEDICAL COLLEGE

Byculla, Bombay

The College was started in 1921

The average number of students in the College is 350 The Bai Yamunabai L Nair Charitable Hospital provides clinical facilities to the students of this College The College is affiliated to the Bombay University for preparing students leading up to M B B S

The present state of the college is the outcome of a munificent endowment of Shri M N Desai Topiwala after whom it was named as Topiwala National Medical College The college is equipped, maintained and administered by the Bombay Municipal Corporation and the Government pays grant in aid to meet the deficit every year

Dean —Dr S G Vengsarkar, M D , F C P S

PROFESSORS —Dr Louis Monteiro, M D (Pathology and Bacteriology) Dr T H Rindani, M D (Physiology), Dr V G Kale, M S, F C I S (Anatomy)

ASSISTANT PROFESSORS —Dr U K Sheth, B Sc , M D F C P S. (Pharmacology and Materia Medica), S N Narayanrao, M Sc (Biochemistry and Biophysics), Dr E J De Souza M S (Anatomy), Dr Krishna Raman, M D (Pathology)

WILSON COLLEGE

Chowpatty, Bombay

Founded 1832 Affiliated to Bombay University, 1861 Present building opened 1889 , four times extended Students prepared for B.A , B Sc , M A , M Sc and Ph D degrees About 1,450, undergraduate students admitted and 130 post graduates Accommodation in hostels for 195 men students and for 50 women students Supported financially by fees, Government grant and funds annually contributed by the Church of Scotland

Principal —Rev James Kellock, M A , D D

COMMERCIAL SCHOOLS AND INSTITUTIONS

ANJUMAN I ISLAM JAN MOHOMAD CASSUM COMMERCIAL HIGH SCHOOL (Sandhurst Road) Stds VIII—XI

ANJUMAN I ISLAM JAN MOHOMAD CASSUM COMMERCIAL NIGHT HIGH SCHOOL (Sandhurst Road) Stds VIII—XI

HIRJI GHELABHAI SAVLA COMMERCIAL HIGH SCHOOL (Matunga, Central Rly), Stds VIII—XI

MOHAMED HAJI SABOO SIDDIK TECHNICAL HIGH SCHOOL (Byculla Shepherd Road) Stds VIII - XI

PRATAPSINH RANCHHODDAS COMMERCIAL HIGH SCHOOL (Ghatkopar, B S D), Stds VIII—XI

ALEXANDRA COLLEGE OF COMMERCE

Prospect Chambers Annexe, Hornby Road, Bombay

Principal and Proprietor —Burjor P Bamji, B com , A I C S, A A C A, A S P A, F R Econ S

The College provides specialised training for various professional and non-professional Commercial Diploma Courses The professional examinations include that of Cost Accountants Accountants Secretarial and for Bank Officers Non professional diploma examinations are open to Non-Matriculates anxious to gain general commercial knowledge apart from specialisation in particular profession

The College has local centres for holding the following bodies' examinations and in each case the Principal is appointed the Hon Registrar to whom all applications for examination, membership, etc , should be made

The Incorporated Association of Cost Accountants
The Victorian Society of Public Accountants
The International Corporation of Secretaries,
The Institute of Commerce
The Association of Practising Accountants.

BATLIBOI'S ACCOUNTANCY TRAINING INSTITUTE

Trafford House, Prescott Road, Fort, Bombay

The Institute is staffed with highly qualified educationists and is recognised by the Institute of Chartered Accountants of India, the Government Co-operation and Accountancy Diploma Board, etc It has highly efficient and practical Courses in Accounting, Auditing, Costing, Secretarial Work, Banking, Insurance and Business Organisation to suit Graduates, Matriculates and Non-matriculates, and guarantees training for C A, F C C S, C A I I B, A C I I, G D C & A, L C C and D Com (I M C Exams.) Training provincial candidates by post is also undertaken by the Institute

Principal —B D Birdy, B.com, G D.A., F C A, Professor of Accounting, Auditing and Statistics, Member, Institute of Chartered Accountants of India

BOMBAY EDUCATION INSTITUTE

Dadar

This Institute which is a School of Commerce, coaches students for Secretarial, Banking, Insurance, Costing, Accountancy, Shorthand (Pitmans) & Typewriting and Government Diploma and Certificate Examinations It is recognised by the Bombay Government and the Indian Merchants' Chamber

A Special training class is also arranged to improve the English language of the students and to coach them up in English, Mathematics, Geography, Hindi, Physiology & Hygiene, History, Sanskrit, French and Latin

Principal —H A Kirtane, B A, L L B, Advocate, *Secretary and Accountant* —R E Hyams, F I S A, M I S A, N U T (Lond)

DADAR COMMERCIAL INSTITUTE

Ghamat Terrace, Opp Western Rly Station, Dadar

The Institute was founded in 1923 and is the oldest in the north of Bombay It is recognised by the Government of Bombay Students are coached up in Book Keeping, Accountancy, Shorthand, Typewriting, and other Commercial subjects, and they can appear for the Examinations conducted by the Government of Bombay, London Chamber of Commerce and the Indian Merchants' Chamber

Principal —S K kulkarni

LAXMI COLLEGE OF COMMERCE

Dadar, Bombay 28

A commercial institution in the suburb of Bombay training candidates for responsible positions in the field of Commerce and Industry

Courses Offered —

INDUSTRIAL ADMINISTRATION —A M I I A (Lond)
COST & WORKS ACCOUNTANTS —A C W A (Lond) and A I C W A
CHARTERED ACCOUNTANTS —A C A
RAILWAY ACCOUNTANTS —App II and III
BANK OFFICERS —C A I I B
INCORPORATED SECRETARIES —A C C S (Lond)
CO OPERATIVE AUDITORS —G D C and A
LIFE ASSURANCE EXECUTIVES —Dip L A
DIPLOMA IN COMMERCE —GOVT I M C and L C C
SHORTHAND AND TYPEWRITING —CERTIFICATE AND HIGHER CERTIFICATE —GOVT I M C and L C C

BOARD OF MANAGEMENT

R. S Ramaswamy Iyer, M A, L T, G D A, A I C W A, *Director*, R S V Iyer, A C A, F C W A (Lond), A.M.I.I.A. (Lond), *Principal*; R S Sadasivan, B Sc, A C W A (Lond), *Vice-Principal*

LINGUAPHONE INSTITUTE (INDIA) LTD

British Institutes House, Hornby Road, Bombay

This is a branch of the well known Linguaphone Institute, London, now established throughout the world Linguaphone is accepted as the modern and easy method of learning languages by means of gramophone records. The Linguaphone Institute provides courses in upwards of 20 different European and Eastern languages.

PREMIER INSTITUTE OF COMMERCE

Esplanade Mansions, Mahatma Gandhi Road, Kalaghoda and Comilla Bank Building, 263, Hornby Road, Fort.

The Institute offers coaching in Pitman's Shorthand, Typewriting, Accountancy and other commercial subjects on modern and scientific lines Institute employment bureau affords best medium for securing service

PREMIER SCHOOL OF SHORTHAND AND TYPEWRITING

235, Hornby Road, Fort, Bombay

The School offers coaching in Pitman's Shorthand and Typewriting on modern scientific methods Pitman s Examinations are held periodically Special speed classes conducted by qualified teachers

ROOSEVELT COLLEGE OF COMMERCE

Safia Manzil, Dr Maheswarj Road, Bombay 9

The College imparts instruction for the following courses —

1 Practical Psychology 2 Secretarial 3 Shorthand 4 Typewriting 5 Book-keeping 6 D Com 7 Pitman's Shorthand Teacher s Diploma 8 Business English for Merchants Open to boys and girls

Director & Principal —J F Bow

SARASWATHI COMMERCIAL INSTITUTE

Parel

Offers the following courses —

The London & Indian Institute of Costs & Works Accountants—A C W A (Lond) & A I C W A
The Corporation of Certified Secretaries, London—A C C S (Lond)
The Institute of Bankers—C A I I B (Lond & India)
Inter Com & B Com, of Commercial University, Delhi
Institute of Commerce Ltd, Birmingham, England—F C I & A C I
D Com (I M C) and D Com (A I C A)
Government Commercial Diploma—G C D, (1) Shorthand & Typewriting (2) Book keeping & Accountancy (3) Commercial Correspondence (4) Banking (5) Secretarial Practice (6) General English and (7) Office Organisation

Principal —Dr S S Nath, M Com, Ph D (com) F C T (Lond), F C T S (Inc), M I S, F I C A

UNIVERSAL INSTITUTE OF COMMERCE

Kshatriya Dnyati Nivas,
Girgaum, Bombay 4

The Institute offers tuition in Commerce, Accountancy and Secretaryship in simple terms Students are given an opportunity to appear for more than one recognised identical group examinations in one year only Moderate fees combined with either suitable evening classes or individual postal tuition to suit the needs of the students afford an opportunity to all desirous of joining the Commercial Profession

Y W C A COMMERCIAL SCHOOL

Mayo Road, Bombay.

The School was established with the object of giving women and girls a thorough business training The subjects taught in the full course are Pitman's Shorthand, Typewriting, Book-keeping and Arithmetic, English and Physical Training

Admission is reserved for those who have completed the eleventh standard of Secondary School or its equivalent

SECONDARY SCHOOLS

BOYS' SCHOOLS

ANJUMAN I-ISLAM HIGH SCHOOL (Hornby Road, Fort), Stds. V—XI
SIR J J PARSI BENEVOLENT INSTITUTION (Hornby Road, Fort), Stds. V—XI
ESPLANADE HIGH SCHOOL (Hornby Road, Fort), Stds. V—XI,
K J KHILNANI HIGH SCHOOL (Hornby Road, Fort), Stds. V—XI

FORT AND PROPRIETARY HIGH SCHOOL (Empire Building, Hornby Road), Stds. V—XI
BAZARGATE HIGH SCHOOL (Gunbow Street, Fort), Stds. V—XI
BAI KABIBAI HINDU HIGH SCHOOL (Holi Chakla Street, Fort), Stds V—XI
SIDDHARTHA NIGHT SCHOOL (Fort), Stds V—XI
HIGH SCHOOL FOR SINDHEES (Elph Tech High School Compound, Dhobitalao), Stds V—XI
JAVAHAR FREE NIGHT HIGH SCHOOL (Lord Harris Municipal School, Dhobitalao), Stds V—XI
MOTHER INDIA FREE NIGHT HIGH SCHOOL (Elph Tech High School Compound, Dhobitalao), Stds V—XI
MAZGAON NIGHT HIGH SCHOOL (Mazgaon, Bombay, C/o Municipal Dongri Central School, Nawroji Hill Road, Dongri), Stds V—XI
DIAMOND JUBILEE HIGH SCHOOL (Mazgaon, Nesbit Road), Stds. V—XI
SARVAJANIK MIDDLE SCHOOL (Mazgaon), Stds V—VIII
SHETH GOKULDAS TEJPAL SEMINARY ANGLO-GUJARATI SCHOOL (Chakla Street, Mandvi), Stds V—X
KHOJA KHAN MOHAMED HABIBBHAI SECONDARY HIGH SCHOOL (Mandvi, Samuel Street), Stds V—XI
MANDVI HIGH SCHOOL (Mandvi), Stds V—XI
KOHINOOR MIDDLE SCHOOL (Mandvi, Dhanji Street, Bombay 3), Stds V—VII
B S EZEKIEL ENGLISH SCHOOL (Dongri), Stds. V—VIII
HAIDARY MIDDLE SCHOOL (Dongri, Kesar Baug), Stds V—IX
HABIB HIGH SCHOOL (Dongri, Bhimpura Street), Stds V—XI
ANJUMAN I ISLAM HAJI AHMAD SAILOR HIGH SCHOOL (Dimtimkar Road, New Nagpada), Stds V—XI
WORKERS' EDUCATIONAL SERVICE LEAGUE'S FREE NIGHT HIGH SCHOOL (Mastan Tank Road, New Nagpada), Stds V—XI
SHRI CUTCHI VISHA OSWAL JAIN DEHERWASI PATHSHALA (Pala Galli), Stds V—XI
ANJUMAN-I ISLAM ABDUL SATTAR SHUAIB SCHOOL (Memonwada Road), Stds V—VII
ISMAIL BEG MOHAMED HIGH SCHOOL (Mohamedali Road), Stds. V—XI
HASHMAIH HIGH SCHOOL (Zakaria Masjid), Stds V—XI
SAIFEE HIGH SCHOOL (Ibrahim Rahimtulla Road), Stds V—XI
LIBERTY HIGH SCHOOL (Kalbadevi Road)), Stds V—XI
IDEAL MORNING HIGH SCHOOL (Thakurdwar, Bombay 2), Stds VIII—XI
NEW NIGHT HIGH SCHOOL (Thakurdwar, Bombay 2), Stds V—XI
NATIONAL NIGHT HIGH SCHOOL (Thakurdwar, Bombay 2), Stds V—XI
PRABHU SEMINARY (Thakurdwar Bombay 2), Stds V—XI
BOMBAY EDUCATION LEAGUE'S HIGH SCHOOL (Thakurdwar, Bombay 2), Stds V—XI
CITY HIGH SCHOOL (Thakurdwar, Bombay 2), Stds V—XI
BOMBAY NIGHT HIGH SCHOOL (Thakurdwar, Bombay 2), Stds V—XI
NAVA BHARAT NIGHT HIGH SCHOOL (Thakurdwar, Bombay 2), Stds VII—XI
SHETH KANYALAL D HINDUJA SECONDARY SCHOOL (Queen's Road), Stds V—XI
BYRAMJI JIJEEBHOY CHARITABLE INSTITUTION (Queen's Road), Stds V—XI
SHRI NANAWATI VIDYALAYA (Bhuleshwar), Stds V—IX
IDEAL HIGH SCHOOL (C P Tank), Stds V—XI
ROBERT MONEY HIGH SCHOOL (Proctor Road), Stds V—XI
CHIKITSAK SAMOOHA SHIROLKAR HIGH SCHOOL (Girgaon) Stds V—XI
MARATHA HIGH SCHOOL (Girgaon, Swadeshi Mills Estate), Stds. V—XI
GIRGAON NEW ENGLISH SCHOOL (Girgaon, Mugbhat), Stds VIII—XI
PRIVATE ENGLISH NIGHT SCHOOL (Girgaon, Mugbhat), Stds VIII—XI
RAM MOHAN ENGLISH SCHOOL (Girgaon), Stds V—XI
ARYAN EDUCATION SOCIETY'S HIGH SCHOOL (Girgaon), Stds V—XI
POPULAR NIGHT HIGH SCHOOL (Girgaon), Stds VII—XI
BRADLEY NIGHT HIGH SCHOOL (Vithalbhai Patel Road), Stds V—XI
HIND VIDYALAYA (Vithalbhai Patel Road), Stds V—XI
GOKHALE EDUCATION SOCIETY'S SHETH DHARAMSEY GOVINDJI THACKERSEY HIGH SCHOOL (Vithalbhai Patel Road), Stds V—XI
BAI LILAVATI KABUBAI L D HINDU HIGH SCHOOL (Sandhurst Road, East), Stds V—XI
SHETH FRAMJI NASARWANJI PATEL ANGLO GUJARATI MIDDLE SCHOOL (Khetwadi Main Road), Stds V—X
IDEAL EDUCATION SOCIETY'S UNION HIGH SCHOOL (Khetwadi Main Road), Stds V—XI
SIRDAR HIGH SCHOOL (Khetwadi, 12th Lane), Stds V—XI.
UNITY HIGH SCHOOL (Khetwadi 10th Lane), Stds. V—XI
SARASWATI BOYS' AND GIRLS' MIDDLE SCHOOL (Nawiwadi, Dadyshet Agyari Lane), Stds V—VIII
ORIENT HIGH SCHOOL, (Kelewadi), VIII—XI
MARWARI COMMERCIAL HIGH SCHOOL (Guzdar Street), Stds V—XI
PROPRIETARY AND FORT HIGH SCHOOL (Chandanwadi), Stds V—XI
DEPRESSED CLASS EDUCATION LEAGUE'S FREE NIGHT SCHOOL (Chandanwadi), Stds V—VII
NEW EDUCATION SCHOOL (Chowpatty, French Bridge Road), V—XI
MARINA MODERN EDUCATION SCHOOL (Chowpatty), Stds V—X
MASTER S TUTORIAL HIGH SCHOOL (Gamdevi, near Kennedy Bridge), Stds V—XI
SOCIAL NIGHT HIGH SCHOOL (Gamdevi near Kennedy Bridge), Stds V—XI
SIND MODEL HIGH SCHOOL (Gowalia Tank), Stds V—XI
CHILDREN S ACADEMY (New Gamdevi, Vachha Gandhi Road), Stds V—XI.
IMPERIAL HIGH SCHOOL (Gowalia Tank), Stds V—XI
FELLOWSHIP SCHOOL (Gowalia Tank), Stds V—XI
SETH JEEJIBHOY DADABHOY CHARITY SCHOOL (Lamington Road), Stds. V—IX
MODERN NIGHT SCHOOL (Lamington Road), Stds V—XI
PREMIER HIGH SCHOOL (Grant Road, Bombay), Stds V—XI.
GRANT ROAD CENTRAL SCHOOL (Grant Road, Pannalal Terraces), Stds V—XI
GRANT ROAD HIGH SCHOOL (Grant Road, Balaram Street), Stds V—XI
NATIONAL ANGLO VERNACULAR SCHOOL (Sonawala Building, Tardeo), Stds V—VIII
WORKERS' EDUCATION SOCIETY'S NIGHT HIGH SCHOOL (Tardeo), Stds VIII—XI
FORJET HIGH SCHOOL (Tardeo), Stds V—VII
BOMBAY EDUCATION LEAGUE'S MIDDLE SCHOOL (Byculla), Stds V—IX
BHARAT NIGHT HIGH SCHOOL (DeLisle Road), Stds VIII—XI
SARASWATI HIGH SCHOOL (Lalbaug), Stds V—XI
SARASWATI VIDYA MANDIR NIGHT HIGH SCHOOL (Lalbaug), Stds V—XI
SHRI CUTCHI VISHA OSHWAL JAIN STHANAKWASI JAIN PATHASHALA (Chinchpokli), Stds V—IX
GOKHALE EDUCATION SOCIETY S R M BHATT HIGH SCHOOL (Poibavdi, Parel), Stds V—XI
G E SOCIETY'S PAREL NIGHT HIGH SCHOOL (Parel), Stds V—XI
K M S PAREL HIGH SCHOOL (Parel), Stds V—XI
K M S PAREL NIGHT HIGH SCHOOL (Parel), Stds VII—XI
SOCIAL SERVICE LEAGUE NIGHT HIGH SCHOOL (Parel, Poibawdi), Stds V—XI
SHIWAJI NIGHT HIGH SCHOOL (Parel), Stds V—XI
NAWA BHARAT VIDYALAYA (Parel, Damodar Hall), Stds VIII—IX
NEW BHARAT NIGHT HIGH SCHOOL (New Irani Chawl, Gokhale Road, South), Stds V—XI
BOMBAY EDUCATION LEAGUE'S HIGH SCHOOL (Worli), Stds V—XI
GENERAL EDUCATION INSTITUTE'S CHABILDAS LALLUBHAI BOYS HIGH SCHOOL (Dadar, Western Railway), Stds V—XI
INDIAN EDUCATION SOCIETY'S KING GEORGE HIGH SCHOOL (Dadar, Hindu Colony), Stds V—XI
DADAR SARVAJANIK GUJARATI ENGLISH FREE NIGHT SCHOOL (Dadar, Elphinstone Road), Stds V—VII
PIONEER PUBLIC SCHOOL (Dadar, Western Railway), Stds V—XI
RAM MOHAN ENGLISH SCHOOL NO 2 (Dadar), Stds VI—XI
PREMIER HIGH SCHOOL (Dadar), Stds V—XI
ORIENT HIGH SCHOOL (Dadar), Stds V—XI
BAL MOHAN VIDYA MANDIR (Dadar, Shivaji Park), Stds V—XI
BENGALI EDUCATION SOCIETY HIGH SCHOOL (Dadar, Morbag Road), Stds V—XI
DADAR VIDYA MANDIR (Dadar, Ash Lane, Gokhale Road, North), Stds VII—XI
SARVAJANIK NIGHT HIGH SCHOOL (Ash Lane, Gokhale Road (North), Bombay 28), Stds VII—XI
IDEAL NIGHT HIGH SCHOOL (Gokhale Road, North), Stds V—XI
K J KHILNANI HIGH SCHOOL (Gokhale Road, North), Stds V—XI
INDIAN EDUCATION SOCIETY'S BOYS' HIGH SCHOOL (Dadar, Western Railway Pinto Villa), Stds V—XI
MATUNGA PREMIER HIGH SCHOOL (Matunga) Stds V—XI
PIONEER HIGH SCHOOL (Matunga), Stds V—XI
NATIONAL KANNADA EDUCATION SOCIETY'S SCHOOL (Matunga), Stds. V—XI
SHRI DAYANAND VIDYALAYA, HINDI HIGH SCHOOL (Matunga), Stds V—IX

HIRJI GHELABHAI SAVLA HIGH SCHOOL (Shraddhanand Road, Matunga (C R) Bombay 19) Stds V—X
ANGLO VERNACULAR SCHOOL (Matunga), Stds V—VII
HIND NIGHT HIGH SCHOOL (Matunga) Stds V XI
SARWAJANIK HIGH SCHOOL (Matunga) Stds V--XI
ANDHRA EDUCATION SOCIETY'S SCHOOL (Matunga), Stds V—VIII
G E INSTITUTE'S ENGLISH SCHOOL (Mahim), Stds V—XI
SIND PREMA VIDYALAYA (Mahim Bazar Cross Road, Mahim, Bombay 16) Stds V--VIII
DHARMPRAKASA SHREENIWASHIAH HIGH SCHOOL (Sion), Stds V—XI
GURU NANAK HIGH SCHOOL (Sion Koliwada), Stds V—XI
SITARAM PRAKASH HIGH SCHOOL (Wadala), Stds V- XI
G S NANGRANI MIDDLE SCHOOL (Kolwada), Stds V—VI
MUNICIPAL HIGH SCHOOL (Bandra) Stds V XI
MUNICIPAL MARATHI SECONDARY MIDDLE SCHOOL (Ghatkopar) Stds V IX
RAMJI ASSAR VIDYALAYA HIGH SCHOOL (Ghatkopar), Stds V- XI
SHREE VADILAL CHATURBHUJ GURUKUL HIGH SCHOOL (Ghatkopar) Stds V XI
HINDI HIGH SCHOOL (Ghatkopar) Stds V —XI
SIND COSMOPOLITAN HIGH SCHOOL (Ghatkopar) Stds V—XI
SITHANANDILAI PODAR HIGH SCHOOL (Santa Cruz), Stds VI—XI
GENERAL EDUCATION INSTITUTE'S HIGH SCHOOL (Kurla), Stds V XI
CHEMBUR EXTENSION ACADEMY (Chembur Estate, Chembur), Stds V—VIII
ANJUMAN ISLAM KURLA SCHOOL (Chembur) Stds V—XI
HANSRAJ MORARJI PUBLIC SCHOOL (Nav Gujarat, Andheri), Stds V XI
SHRI ADARSHA SHISHU GUJARATI VIDYALAYA (Andheri) Stds V- XI
SHRIMATI GOKULBAI P P HIGH SCHOOL (Vile Parle), Stds V XI
PARLE TILAK VIDYALAYA (Vile Parle) Stds V—XI
JOGESHWARI ENGLISH SCHOOL (Jogeshwari), Stds V—X
KHAR EDUCATION SOCIETY'S SHRIMATI PUPILS OWN HIGH SCHOOL AND SHARDA MANDIR (Khar) Stds V—XI
KHAR MODEL EDUCATION SOCIETY'S RATAN WALA WALKAR VIDYA MANDIR (17th Road Khar), Stds V—XI
BABU PANNALAL MOHANLAL HIGH SCHOOL (16th Road, Khar) Stds V—XI
KAMLA HIGH SCHOOL (17th Road, Khar), Stds V—XI

BABU PANALAL POORANCHAND JAIN HIGH SCHOOL

Tamba Kanta, Pydhonie, Bombay 3

A charitable institution for providing Primary and Secondary education mainly to the boys of the Jain community

PRINCIPAL —G H Jambotkar, M A , B T , T D (London), J P and Honorary Presidency Magistrate

HEAD-MASTER —B M Shanbhag, B A , B T.

BHARDA NEW HIGH SCHOOL

Waudby Road, Fort

Principals —B K Marsban, B A and R K Marsban, B A

The School is one of the oldest private-owned educational institutions It has a thoroughly cosmopolitan character, being attended by boys of all communities It takes great interest in games, sports and scouting The physical well being of the boys is properly attended to A qualified Medical Inspector examines every boy once a year and sends a detailed report to the parents Best Boy Medals are awarded every year in the Senior and Junior Sections The School Safety Squad Patrol controls the traffic in front of the school Vocational Guidance forms part of the curriculum in the higher standards

HUME HIGH SCHOOL

Victoria Gardens Road, Byculla, Bombay 8

The school was founded in 1877 by the Rev E S and Mrs Hume of the American Marathi Mission It is an Anglo Marathi Co educational School with Primary and Secondary Departments Pupils are prepared for the S S C Examination with Sanskrit, Persian and Ardhamagbadi as Second Languages They are also prepared for the P S C Examination at the end of Standard VII, and for the Elementary Intermediate Drawing Examinations and also for examinations in some commercial subjects Extra curricular activities are encouraged, and individual attention is given to the conduct and progress of each pupil

KANARA VIDYADAINI FREE NIGHT HIGH SCHOOL

Amrit Villa, First Floor, 20 Mody Street, Fort, Bombay

(Conducted by the Vidyadaini Sabha, Bombay)

OBJECTS —To impart free education to the working class people and to promote social, physical and literacy welfare of students

Officer in charge —R A Kotyan, A C C S (Lond), D Com (I M C)

Principal —V S Ulyargoli

Head Master —S S Anchan

KARNATAK FREE NIGHT HIGH SCHOOL

Recognised by the Municipality and Government

17, Kumpta Street, Fort, Bombay

The school was started in 1924 under the name of "The Vidyadaini Free Night School by some public spirited Karnatak residents in Bombay belonging to different Communities In 1925, the name of the School was changed into "Kanara Vidyadini Free Night School', but in 1937 the Teachers Board, in order to indicate clearly the nature of the work done, again changed the name to "The Karnatak Free Night School ' In 1939, the School was converted into a High School and has since then come to be known as "The Karnatak Free Night High School ' It is being run by "Bunt Allas Nadava Sangha ', Bombay and is open to all, irrespective of caste or creed

KUTCHI DASHA OSHWAL JAIN PATHSHALA HIGH SCHOOL

302, Narshi Natha Street, Bombay No 9

The Institution was founded in the year 1900, and is a full fledged High School (including Pre Primary and Primary Departments) recognised by the Department of Education and the Bombay Municipality

The Institute is open to members of any community It is Grant-in aided

Its special features are emphasis on learning through activities Various extra curricular activities including Students own Bank are planned to serve this purpose

Principal —Vajubhai Patel, B A , B T , M A (Columbia)

M K. N BHATIA HIGH SCHOOL

Hornby Road, Bombay

The school was established in 1916 and was named after the deceased son of Sheth Karsondas Natha, who gave it a munificent donation It is located on Hornby Road in its own building and imparts both secular and religious education At present there are about 500 students It is the aim of the School to make religion a vital force in the life of the students towards the proper formation of character It also gives commercial education and thus imparts the welcome vocational bias

Principal —G T Purohit, B A , L L B

MAHARASHTRA HIGH SCHOOL

Lower Parel, Bombay 13

AIMS AND OBJECTS Spread of education among children of mill labourers and other educationally backward classes Cosmopolitan

ACTIVITIES A School in Lower Parel with 300 boys 67 per cent of whom have parents working in mills or workshops

MARWARI VIDYALAYA HIGH SCHOOL

Sandhurst Road, Bombay

This is an institution run by the Marwari Vidyalaya Society Its finances are derived from the reserve funds subscribed by the Marwari Community, its properties being vested in Trustees appointed under and according to a Declaration of Trust, various donations received from time to time and the school fees received from students

The school was established in 1912 and is housed in its own building The facilities of the school are open to members of all communities

OFFICE BEARERS FOR 1953 54 —*President* —Madan Mohanji Rula , *Vice President* —Purushottamlalji Jhunjhunwala , *Secretary* —Rameshwarprasadji Sabu *Assit Secretaries* —Madhavprasadji Nevatia, Bhagwatiprasadji Khetan , *Treasurers* —Ramnarain Sons Ltd , *Principal* —A V Jakhi, M A , B T C

MODERN SCHOOL

Sicka Nagar, Bombay 4

The School is a co-educational Institution with Infant, Primary and Secondary Departments It is recognised permanently and aided by the Education Dept of the Bombay Govt and the Municipal Corporation Modern Methods are utilized and extra curricular activities find a prominent place in work The School was founded in 1936, by Shri Raman Vakil, M A and Mrs Pushpa Vakil, B A who act as Joint Principals There are 520 boys and 340 girls

MOGAVEERA FREE NIGHT HIGH SCHOOL

(Recognised by Government)

High School —Gunbow Street, Fort

Primary School —145, Mody Street, Fort

Conductors —The Mogaveera Vyavasthapaka Mandali, 8, Nana bhai Lane, Fort

Objects —1 To impart free secular education to day time workers
2 To promote social, moral, physical and literary welfare of students
3 To train students in good citizenship

NEW ERA SCHOOL

Hughes Road, Bombay 7

This is a co educational Institution which admits children from the age of 2½, and prepares them for the Bombay Government S S C Examination

It practises the Montessori, Dalton, and Project plans and methods with necessary modifications

Besides the usual subjects, the school specialises in the teaching of music, instrumental and vocal, and Drawing and Painting Special attention is paid to Physical Culture and to activities such as scouting, girl guiding, recitations, school debates, theatricals, concerts, excursions, lantern lectures, educational films etc

Principal —M T Vyas, M A (Educ) (Lond)

SETH GOCULDAS TEJPAL HIGH SCHOOL

Kalbadevi Road, Bombay 2

This School was founded on a munificent donation by the late Sheth Goculdas Tejpal, the well known philanthropist of the city, after whose name as many as five well-known institutions are running in the city

The school is managed by the Managing Committee of the G T Charities *President* —Seth Laxmidas G Tejpal Housed in an imposing building of its own, the school serves 2,000 boys from Std V to XI, almost all being drawn from Kalbadevi It can boast of a spacious compound in the dense Bhuleshwar area, a finely organised co operative stores run by boys on shareholder system, a beautifully equipped gymnasium and a fine library and spacious laboratory

Principal —Jyotindra D Desai B A, B Sc, T D (London)

SETH HIRACHAND GUMANJI JAIN BOARDING SCHOOL

Tardeo, Bombay 7

This Institution was founded by Sheth Manikchand Panachand Javeri to perpetuate the memory of their Father, Sheth Hirachand Gumanji, and has for its object the advancement of Jain Students desirous of receiving education in Bombay and elsewhere

Trustees —Ratanchand Navalchand, Thakordas Panachand, Thakordas Bhagwandas, Vrajlal Kalidas and Ratanchand Premchand

Joint Secretaries —Thakordas Bhagwandas, Mohanlal Kalidas Shah, Thakordas Panachand

Superintendent —Shah Ratilal Ranchhoddas

SHETH MADHAWDAS AMERSEY HIGH SCHOOL

Andheri

This institution is managed by the Andheri Education Society which is registered under the Act XXI of 1860 The aim of the Society is to impart secular education to Bombay suburban students without any distinction of caste or creed

The school has a spacious, well-ventilated and well lighted building with a large playground inside the compound

Principal **—N P Dave, B Sc, B T, Dip Ed (Edin)**

SIR ELLY KADOORIE SCHOOL

Mazagaon, Bombay

Founded in 1875 as the Israelite School, subsequently enlarged mainly through the efforts of the late Mr Haeem Samuel Kehimkar Received £10,000 for remodelling its building from Sir Elly Kadoorie, of Shanghai and took the benefactor's name

It imparts Primary and Secondary education to children of all communities, and religious instruction to Bene-Israel students

The School provides books, clothes and free meals to poor Jewish children

SIR NARAYAN CHANDAVARKAR MARATHI SCHOOL

Prarthana Samaj, Girgaum

Founded by the Bombay Prarthana Samaj in 1924 in memory of the late Dr Sir Narayan Ganesh Chandavarkar Kt It has 500 pupils (Boys and Girls) on its roll and 100 more in the pre primary section

SOUTH INDIAN EDUCATION SOCIETY SCHOOL

Matunga, Bombay 19

The South Indian Education Society was registered as a body corporate under the Society's Registration Act XXI of 1860 on 21st April, 1932, with the main object of providing facilities for the education of boys and girls irrespective of class or community in Bombay From a small beginning the School has steadily progressed and has now all the classes of the Primary Section and Standards of the High School It has been duly recognised by the Bombay Municipality and by the Education Department of the Government of Bombay and the University of Bombay The School provides for the education of about 3 402 pupils and has its own building in Brahmanwada Road, Matunga

PRESIDENT —A C Ramalingam J P JT SECRETARIES —M R Krishna Iyer and C G Raman HEADMASTER —P V Parameswaran, M A

WILSON HIGH SCHOOL

Dr Wilson Street, Khetwadi 1

This High School originated in an English School for Indian youths founded by the Rev Dr John Wilson in 1832 On the removal of the College division of the Institution to Chowpatty the whole of the premises was utilised for the high school department A hostel for Christian boys attending the School was added to the building in 1899

Principal —D P Waghchourey, B A, B T

YOUNG MEN'S FREE NIGHT SCHOOL

179, Bazargate Street, Fort

Founded in 1945 to impart Free Education irrespective of caste or creed *Principal* T K Banarji B A B T *Head master* S Venkatraman B A L T *Primary Head master* U Govind, P T C, *School Secretary* C I Sahan

GIRLS' SCHOOLS

SIR J J P B INSTITUTION (Hornby Road), Stds V–XI
SHETH GOKULDAS TEJPAL GIRLS HIGH SCHOOL (Hornby Road) Stds V–XI
PARSEE GIRLS SCHOOL ASSOCIATION'S HIGH SCHOOL (Parsee Bazar Street), Stds V—XI
SHRI SHAKUNTALA KANTILAL JISHWARLAL JAIN HIGH SCHOOL (Queen's Road) Stds V—XI
HANSRAJ PRAGJI JHAKERSEY KANYASHALA (Carnegie Road), Stds V–XI
CUMMOO JAFFAR SULEMAN GIRLS' HIGH SCHOOL (Kambekar Street) Stds V—XI
RAHAMATBAI HABIB GIRLS HIGH SCHOOL (Khadak), Stds V–XI
SAIFI GIRLS HIGH SCHOOL (Sarang Street) Stds V—XI
DIAMOND JUBILEE GIRLS HIGH SCHOOL (Imamwada), Stds V–XI
PARSEE GIRLS SCHOOL ASSOCIATION'S GIRLS ENGLISH SCHOOL (Chandanwadi), Stds V—XI
SIR J J P B INSTITUTION (Chandanwadi), Std V
SHRI RATNACHINTAMANI S JAIN GIRLS HIGH SCHOOL (Kalbadevi Road, Kolbhat Lane), Stds V—VII
STUDENTS' LITERARY AND SCIENTIFIC SOCIETY'S GIRLS' HIGH SCHOOL (Nowroji Street), Stds V—XI

ARYAN EDUCATION SOCIETY S HIGH SCHOOL FOR GIRLS (SHARDA SADAN) (Girgaon Road), Stds V—XI
SARASWATI HIGH SCHOOL FOR GIRLS (Ambewadi), Stds V—XI
CHANDARAMJI GIRLS' HIGH SCHOOL (V P Road), Stds V—XI
SHREEMATI NATHIBAI DAMODAR THACKERSEY KANYA SHALA (Vithalbhai Patel Road), Stds V—XI
SHARADA MANDIR HIGH SCHOOL (Chaubal Lane), Stds V—XI
VANITA VISHRAM HIGH SCHOOL (Sandhurst Road), Stds V—XI
BAI R E PAVRI S GIRLS HIGH SCHOOL (Khetwadi), Stds V—XI
SUNITI GIRLS' HIGH SCHOOL (Parekh Street), Stds V—XI
MASTER'S TUTORIAL HIGH SCHOOL FOR GIRLS (Kennedy Bridge), Stds V XI
GIRTON HIGH SCHOOL (Grant Road), Stds V—XI
PRINCESS HIGH SCHOOL FOR GIRLS (Lamington Road), Stds V—XI
BAI R E D PANDAY GIRLS' HIGH SCHOOL (Gilder Lane), Stds V—XI
SIR CAWASJI JAHANGIR GIRLS HIGH SCHOOL (Tardeo), Stds V- XI
ANJUMAN I ISLAM GIRLS' HIGH SCHOOL (Bellasis Road), Stds V - XI
INDIAN EDUCATION SOCIETY S GIRLS HIGH SCHOOL NO 1 (Gokhale Road, North), Stds V—XI
INDIAN EDUCATION SOCIETY S GIRLS HIGH SCHOOL NO 2 (Hindu Colony), Stds V—XI
GENERAL EDUCATION INSTITUTE S GIRLS HIGH SCHOOL (Tulsi Pipe Road), Stds V—XI
WOMEN S EDUCATION SOCIETY S GIRLS HIGH SCHOOL (Portuguese Church Street), Stds V - XI
J B VACHHA GIRLS HIGH SCHOOL (Parsi Colony), Stds V—XI
GIRLS MODEL HIGH SCHOOL (Dadar, Western Railway), Stds V—XI
SOUTH INDIAN WELFARE SOCIETY S HIGH SCHOOL (Matunga), Stds V—XI
ANJUMAN I ISLAM GIRLS HIGH SCHOOL (Mahim), Stds V -XI
SHETH DHANJI DEVSHI RASHTRIYA SHALA (Ghatkopar), Stds V -XI
SHREE RATNACHANDRAJI JAIN KANYASHALA (Ghatkopar), Stds V -XI
GIRLS HIGH SCHOOL ANDHERI (Andheri), Stds V—XI

ALEXANDRA GIRLS' ENGLISH INSTITUTION

31, Wodehouse Road, Esplanade, Bombay

The Alexandra Girls' English Institution was founded by the late Mr Manockjee Cursetjee in 1863

It has a Primary and High School Department and imparts education in all branches to Indian Girls of all communities up to the School leaving standard Besides the usual subjects, music, singing, art, needlework and physical training are included in the curriculum Gujarati is taught as the vernacular in the School French, Sanskrit, Hindustani and Persian are also taught

It runs a Girl Guide and Blue Bird Company and a Junior Red Cross organisation

PRINCIPAL —Miss Margaret Benjamin, M A, B T, T D (London)

JEHANGIR B PETIT HIGH SCHOOL FOR GIRLS

5, Napier Road, Fort

It is an English teaching Girls High School with Gujarati as the Regional Language and is very well equipped and run on modern lines Its staff consists of trained graduates and experienced teachers Its special feature is the Kindergarten where girls from the age of 4 upwards are admitted The School is housed in two handsome buildings of its own and has accommodation for 400 children

Hon Secy —Miss P F Patuck, L A B

SITARAM PODDAR BALIKA VIDYALAYA

A Hindi-English Girls High School

Vidya Bhawan, Fanaswadi, Bombay 2

OBJECTS.—To spread education through English and Hindi among women in general and those of the Society in particular To promote and facilitate learning of Hindi, to undertake activities for girls' social and literary progress, to arrange, organise and conduct lectures, exhibitions, demonstrations, shows, clubs and domestic crafts, etc

ST. COLUMBA HIGH SCHOOL FOR GIRLS

Alexandra Road, Bombay 7

Conducted by Church of Scotland Mission Prepares for Bombay University Hostel, Montessori and (Marathi) Primary Departments Extensive grounds with facilities for games and extra-curricular activities

YOUNG LADIES' HIGH SCHOOL

33, Murzban Road, Fort

The young Ladies' High School was founded on the 6th March 1889. It has on its roll 520 students A complete course of studies from the Gujarati alphabet, according to the Kindergarten System, upto the S S C Examination is taught, besides arts useful to ladies in their domestic life. Education is imparted on modern lines

Head-mistress Miss Manijeh R Fenivala, M A
Proprietress —Mrs J D Desai

SECONDARY (ENGLISH) SCHOOLS

BOYS' SCHOOLS

LITTLE FLOWER OF JESUS HIGH SCHOOL (Princess Street) Stds VII—XI
ST MARY S ENGLISH TEACHING HIGH SCHOOL (Mazgaon, Nesbit Road) Stds VII—XI
ST IGNATIUS SCHOOL (Arthur Road) Stds VII—IX
ST JOSEPH S HIGH SCHOOL (Umarkhadi) Stds VII—XI
ST SEBASTIAN GOAN HIGH SCHOOL (Dabul, Girgaon) Stds VII—XI
HILL GRANGE HIGH SCHOOL (Pedder Road) Stds VII—XI
SIR JACOB SASSOON FREE HIGH SCHOOL (Byculla) Stds VII—XI
ENGLISH HIGH SCHOOL FOR BOYS AND GIRLS (Dadar, Western Rly) Stds VII—XI
ST MICHAEL S HIGH SCHOOL (Mahim) Stds VII—XI
ST JOSEPH S SCHOOL (Upper Colaba) Stds VII—IX
ST JOHN'S NIGHT HIGH SCHOOL (4, Green Street, Fort) Stds VII—XI
NEW MODEL HIGH SCHOOL (Chinch Bunder) Stds VII—XI
ST ALOYSIUS SCHOOL (Bandra) Stds VII—XI
ST ANDREW S HIGH SCHOOL (Bandra) Stds VII —XI
ST XAVIER S SCHOOL (Vile Parle) Stds VII—XI
ST BLASE S SCHOOL (Andheri) Stds VII—XI
SACRED HEART BOYS SCHOOL (Santa Cruz) Stds VII—XI
HOLY CROSS PARISH SCHOOL (Kurla) Stds VII—X

ANTONIO DE SOUZA HIGH SCHOOL

Byculla

This school was founded by Antonio de Souza in 1795 for the education of the Roman Catholic children of Mazagon, but was actually started in 1825 It was closed in 1878 and was reopened in 1888 by Dom Antonio Pedro da Costa, the then Bishop of Damaun About 1890 it was entered on the list of aided English teaching schools It was a primary school till 1916 when the 5th standard was sanctioned In 1917, the 6th and in 1918 the 7th and the 8th standards were sanctioned It is open to children of both sexes of all classes and creeds

CHILDREN'S ACADEMY

Vachha Gandhi Road, New Gamdevi, Bombay 7

Children's Academy is a co educational School with Infant, Primary and Secondary departments run on modern lines of education

The School aims at keeping in touch with the most recent advances in education In certain subjects, individual work is encouraged

Various extra curricular activities are carefully attended to These activities include Debates, Assemblies, Annual Sports, Dramatics, Scouting, Class Magazines, School Magazines, Excursions, etc

An up-to-date Library is maintained for the students

PRINCIPAL —A S Sthalekar, M.Sc., T.D (Lond), J P

DON BOSCO HIGH SCHOOL

Matunga, Bombay 19.

The Don Bosco High School is an English Teaching School for boarders and day-scholars

The Institution prepares boys for the S S C Examination Its aim is to impart sound education, instil praiseworthy character Athletics and games are greatly encouraged.

The School is managed by Salesian Fathers of St John Bosco

The School has modern buildings and extensive playgrounds

DR. ANTONIO DA SILVA HIGH SCHOOL

Dadar

This Institution owes its existence to the liberality of its founder the late Dr Antonio da Silva It was established in 1867 to afford secular instruction to Roman Catholic children It is an English-teaching School and is conveniently situated near the Dadar Junction of the Central and Western Railway lines It is open to all classes irrespective of caste or creed The total strength of the School is 1,200

Principal—F X D Silva, B A, B T, L L B
Secretary—C A Muzello, B A, I L B

ST STANISLAUS' HIGH SCHOOL

75-76, Hill Road, Bandra

This School is conducted by the Fathers of the Society of Jesus It is a Catholic school, but is open to students of all denominations There are approximately one thousand day-scholars and three hundred boarders Students are prepared for the Secondary School Certificate Examination

Rev D Donnelly, S J, *Rector and Principal*, Rev T Molina S J *Assistant Principal*, Rev A Casale, S J, *Sports Master and Senior Supervisor*, Rev P Garcia, S J, *Treasurer* Rev R Irache, S J, *Music Master*

ST XAVIER'S HIGH SCHOOL

Carnac Road, Fort

Opened in 1869 and conducted by the Fathers of the Society of Jesus Its object is to provide Catholic boys with a full course of instruction up to the Secondary School Certificate Examination Non Christians are also admitted

Rev A Solagran, S J *Rector*, Rev S Bonet S J, *Principal*, Rev R Pereira, S J *Vice Principal* Rev D Keating, S J, *Assistant Principal* Rev A Balta S J, *Treasurer*

GIRLS' SCHOOLS

ST ANNE'S HIGH SCHOOL FOR GIRLS (Fort, Mayo Road) Stds VII - XI
ST ANNE S HIGH SCHOOL FOR GIRLS (Burrows Lane, Dabul) Stds VII—XI
ST THERESA S HIGH SCHOOL (Kolewadi) Stds VII—XI
ST ISABEL S HIGH SCHOOL (Mazgaon) Stds VII—XI
ST JOSEPH S CONVENT HIGH SCHOOL (Agripada) Stds VII—XI
ST AGNE S HIGH SCHOOL (Clare Road) Stds VII—XI
ST ANTHONY S HIGH SCHOOL (Bellasis Road) Stds VII—XI
CONVENT HIGH SCHOOL FOR GIRLS (Dadar) Stds VII—XI
VICTORIA HIGH SCHOOL (Mahim) Stds VII—XI
MOUNT MARY CONVENT HIGH SCHOOL (Bandra) Stds VII—XI
ST TERESA S CONVENT HIGH SCHOOL (Santa Cruz) Stds VII—XI

QUEEN MARY HIGH SCHOOL

Girgaum, Bombay 4

The School belongs to the Zenana Bible and Medical Mission and is intended to provide an up-to date education for Indian girls of all communities Continuous efforts are made to maintain efficiency by the best and most modern methods of education Practical stress is laid on the foundation of character Pupils are prepared for the Cambridge School Certificate and for the Bombay S S C examinations There is a large kindergarten for boys and girls under the supervision of well qualified teachers Gujarati, Urdu, Hindi and Sanskrit are taught if desired

Principal—Miss A K Groom, N F U, London

ST. JOSEPH'S CONVENT

Bandra, Bombay 20

This Institution conducted by the Daughters of the Cross of Liege, Belgium, comprises —

1 An Anglo-Indian High School (Boarding and day) The building is one of the finest and most up-to-date in the State Pupils are prepared for the Cambridge Local, Trinity College of Music and Bombay School of Arts Examinations and S S C.

2 An English-Teaching High School (Boarding and Day) Pupils are prepared for Bombay S S C Examination

3. An Orphanage Primary School

ST MARY'S HIGH SCHOOL

Nesbit Road, Mazagaon, Bombay 10

(Conducted by Fathers of the Society of Jesus)

The Institution prepares students for the Cambridge School Certificate and Bombay S S C

Rector and Principal Rev F Ribot Assistant Principal for the Cambridge Section, Rev H Dalton, Headmaster for the S S C Section, Rev J Valls

ST PETER'S HIGH SCHOOL FOR BOYS AND GIRLS

The School which is under the charge of the Society of St John the Evangelist is open to all communities and works up to the Secondary School Certificate of Bombay

There is a residential Hostel of 130 boys including Apprentices

ANGLO-INDIAN SCHOOLS

BOYS' SCHOOLS

CHRIST CHURCH HIGH SCHOOL (Byculla, Parel Road) Infant—Std XI
SCOTTISH ORPHANAGE SOCIETY S HIGH SCHOOL (Mahim) Infant—Std XI
CAMPION SCHOOL (4), New Marine Lines) Stds III—VII

CATHEDRAL & JOHN CONNON SCHOOLS

6, Outram Road, Fort

These schools have Boys, Girls and Kindergarten Departments, and the courses reach generally to the Cambridge School Certificate Examination, the Bombay S S C Examination, and, in some cases, to the Cambridge Higher School Certificate The Schools now cater for some 900 Children of all communities

The Schools are administered by a Board of Governors representing the Cathedral and the Scottish Churches *Principal of the Boys School*—B Gunnery *Principal of the Girls School*—Mrs E F Wanstall

GIRLS' SCHOOLS

CATHEDRAL AND JOHN CONNON HIGH SCHOOL (Napier Road), Stds Infant—XI
CONVENT OF JESUS AND MARY HIGH SCHOOL (Wodehouse Road), Stds Infant- XI
CONVENT OF JESUS AND MARY HIGH SCHOOL (Byculla, Clare Road), Stds Infant -XI
COMMERCIAL SCHOOL OF THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION (Mayo Road)
CENTRAL RAILWAY SCHOOL (Parel), Stds I VI
ST MARGARET'S TRAINING COLLEGE (Byculla Clare Road)
ST JOSEPH S CONVENT HIGH SCHOOL (Bandra), Infant—XI

TECHNICAL INSTITUTIONS

ADARSHA KALA GRIHA (37, Dwijavihar, Mangalwadi, Girgaum, Bombay 4)
A S PATEL ACADEMY FOR DOMESTIC ARTS (Classes attached to Bai Bhikajee S Bengalee Girls' High School, 262, Princess Street, Chandanwadi)
B N GAMADIA PARSEE HUNNARSHALA (Gamadia Parsee Colony, Tardeo, Bombay)
BHAGINI SAMAJ (Sonawala Building, Tardeo, Bombay)
BHAGINI SAMAJ BHULESHWAR CENTRE (Jaihind Estate Building, 3 South Wing, 1st Floor, C P Tank, Bombay)
BHAGINI SAMAJ CHANDABEN UDYOGSHALA (225, Khetwadi Main Road, Bombay)
BHARATIYA KALA VIKAS (Shanti Nivas, 14th Road, Khar)
BHATIA STREE MANDAL (Mangesh Shenoy Street, Fort Bombay)
CHEMBUR CHILDREN'S HOME (Chembur)
DADAR SCHOOL FOR BLIND (Dadar)
DAVID SASSOON INDUSTRIAL SCHOOL (83, Lady Harding Road, Mahim)
DAWOODBHOY FAZALBHOY MUSLIM WOMEN S HANDI CRAFT INSTITUTE (42, Pydhonie Road, Khadak, Bombay)
GOVERNMENT LEATHER WORKING SCHOOL (Bandra)
GOVERNMENT TANNING INSTITUTE (Bandra)
GUJARATI HINDU STREE MANDAL (Amreli House, Vithalbha Patel Road, Bombay 4)
GUJARATI HINDU STREE MANDAL (Hiravati Hall, Tagor Road, Santa Cruz)

GUJARATI HINDU STREE MANDAL (Kanda Jyantla, Gandhi Chowk Thana)
INDUSTRIAL ART SCHOOL (262, Rane Building, Charni Road, Bombay 4)
INSTITUTE INDO PORTUGUESE (Kaverna Building, Dhobi Talao Bombay 2)
INSTITUTE OF RADIO TECHNOLOGY (Jestharam Bag Tram Terminus Dadar)
KALA MANDIR (C/o Girgaum New English School, Mughbhat Naka Bombay 4)
KALYAN MAHILA MANDIR (Panchali, Phadkewada Kalyan)
KANDIVALI STREE MANDAL (Ghodbunder Road Kandivali)
KUMARIKA & STREE MANDAL (Bhagini Samaj, Sarojini Road, Vile Parle)
LADIES INDUSTRIAL HOME (C/o B G Rao's Bungalow, Khar)
MAHILA KALA BHUVAN (Kunte Building, Vithalbhai Patel Road, Girgaon, Bombay 4)
MAHILA KALA KENDRA (Dawood Baug Andheri)
MAHILA KALA KENDRA (Santa Cruz)
MAHILA KALA MANDIR (Underao Cross Road, Brahmin Sabha Building, Malad)
MAHILA KALA NIKETAN (Gamdevi)
MARINE COLLEGE & SEAMEN'S ORPHANAGE (SEAPOST) (Novha Island, Bombay Harbour)
MODERN TAILORING COLLEGE (Central Riv Stores Lane, Patil Chawl)
N S D INDUSTRIAL HOME FOR BLIND (52 B D D Chawls, Worli)
NARI SEVA SADAN (Kurla Camp)
NAVABHARAT AUDYOGIK VIDYALAYA (Girgaon Municipal Marathi Boys School Girgaon Bombay 4)
NAVA BHARAT KALA MANDIR (336 Bhai Jivanjee Lane, Thakurdwar)
NAVYUG TAILORING COLLEGE (Narvekar's Anant Nivas Arthur Road, near Chinchpokli Bridge)
PARAMOUNT RADIO INSTITUTE (Adenwala Road, Dharamsey Bhuvan, Bombay 19)
PEDNEKAR EMBROIDERY COLLEGE (172 Girgaon Bombay 4)
PROF DATE'S DEAF & DUMB INSTITUTE (Thakurdwar)
R H PATUCK INDUSTRIAL SCHOOL (Nehru Road, Santa Cruz)
SHIVAN KALA MANDIR (Harduvarbai Building, Mughbhat, Thakurdwar)
SHRI KOT HINDU STREE MANDAL (45, Modi Street 1st Floor, Fort)
ST XAVIER'S TECHNICAL INSTITUTE (Cruickshank Road, Bombay 1)
TEXTILE TECHNICAL SCHOOL (Damodar Thackersey Moolji Hall, Parel)
PATHARI PRABHU MAHILA SAMAJ CUTTING AND SEWING CLASS (333, Thakurdwar Bombay)
VANITA SAMAJ (New Patkar's Blocks, Turner Road Bandra)
VICTORIA MEMORIAL SCHOOL FOR BLIND (Tardeo, Bombay 7)
VIJAY TAILORING COLLEGE (Mohd Mansion, Dr Maheshwari Road Bombay 9)
VIJAY VIDYALAYA (Mohd Mansion, Dr Maheshwari Road, Bombay 9)
VILE PARLE GUJARATI MANDAL (Shraddhanand Road, Vile Parle (East)
ZARAPKAR TAILORING & CUTTING INSTITUTE (Dadar)

BOMBAY DUMB & DEAF INSTITUTION

Kakadwadi, Girgaon

The above institution was started in 1925 Dumb and deaf boys and girls are taught here to write, read and stitch Admission is given to the needy irrespective of caste and creed More than 350 students have taken benefit of this charitable institution so far Almost all of them are now earning their own livelihood

Principal —S N Medhekar

BRITISH INSTITUTE OF ENGINEERING TECHNOLOGY (INDIA) LTD,

BRITISH INSTITUTE OF COMMERCE AND ACCOUNTANCY

Petit Bldg, 559 Hornby Road, Fort

The Institutes provide Correspondence Courses in all branches of Engineering and Commerce, both for professional examinations and for vocational training The Courses are recommended for all those wishing to prepare in their spare time for entry into Engineering or Commerce, and for those already employed in these professions who wish to qualify for higher positions

DOCKYARD APPRENTICE SCHOOL

Indian Naval Dockyard, Fort

Dockyard Apprenticeships are awarded to boys between 16 and 19 years of age who pass the all India open competitive examinations and interviews held annually in June and July

In addition to their practical training, Apprentices receive instruction in Mathematics, Mechanics Science, Indian History, Heat Metallurgy Electricity and Mechanical Drawing Lectures on Marine Engineering Electrical Engineering and Naval Architecture are also given to the upper school classes

Officer in Charge, Commander (E) H G Jefferis, I N, M I Mar E
Senior Instructor Officer Lieut Commander A C Seth I N

DAWOODBHOY FAZALBHOY MUSLIM WOMEN'S HANDICRAFT INSTITUTE

42, Pydhonie Road, Bombay

This Institute was started by the Trustees of the Dawoodbhoy Fazalbhoy Muslim Educational Trust in the year 1929 for giving instruction to Muslim women and children in arts and crafts No fee is charged Education is free Facilities are offered for women to attend either morning or afternoon classes The following subjects are taught —

1 Cutting, Sewing and Knitting 2 Hand and Machine Embroidery 3 Drawing 4 Hygiene and First-aid 5 English and Cooking

The full course for obtaining Diploma of the Institute is three years

Minimum educational qualification for admission knowledge of Vernacular, Gujarati or Urdu

The Institute coaches students for the Elementary and Intermediate Government Drawing Examinations and is a centre for the examinations for Purdah girls

Lady Superintendent —Miss G Patil B A, B T

"DUFFERIN," TRAINING SHIP

Off Mazgaon Pier Bombay 10

(Under the administrative control of the Government of India Ministry of Transport)

The first cadets joined the Training Ship 'Dufferin' in November 1927 since when 967 Cadets have passed through the Ship of whom 75 are officers in the Indian Navy and its Reserves and 247 officers in the Merchant Navy 200 are serving in ancillary and other services and 213 are at present apprentices at sea and in workshops In addition, there are 98 Cadets in training on board the Dufferin

The age limit for admission is between 15 years and 17 years on the 1st July prior to the year of entry Annually 80 Cadets for the Executive Branch are admitted for a 2 year course, terminating in the Final Passing Out Examination of the Ship

The total cost to the parent of training a boy is about Rs 2,000 for the 2 year course A number of Scholarships are available, both while in training on board and while serving as apprentices at sea to deserving cadets some are awarded on financial grounds and others on merit

The board of control consists of a Governing Body with the Transport Minister to the Government of India as *ex-officio* Chairman

GOVERNING BODY —*Chairman* —The Minister in Charge of the Government of India Ministry of Transport (*ex officio*) *Members* — The Director-General of Shipping (*ex officio*) N J Wadia (*ex officio*) J I P Roche Victoria M L A Sushil Kumar Banerji, M L A Chimanlal Chakubhai Shah, Giani Gurmukh Singh Musafir M P, *Panalal* M Chhatrapati H G Grant Bijoy Prasad Singh Roy S N Haji Capt R D Katari I N The Hon'ble Mr Justice N H Bhagwati (*ex officio*) *Secretary* —Captain M F S C Harvey, R D J P

Captain Superintendent —Captain M F S C Harvey, R D, J P

ELPHINSTONE TECHNICAL HIGH SCHOOL

Cruickshank Road, Fort

The former Elphinstone High School was completely converted into a Technical High School in the year 1944 It now undertakes to impart to pupils not only General education in English, Geography, Mathematics, Science and Regional Languages up to the Matriculation Standard, but in addition, trains them in Electrical and Mechanical Engineering and prepares them for the S S C Examination conducted by the S S C Examination Board After passing the S S C Examination the students can join the Diploma Courses of the Engineering College Poona or the V J T I Matunga, or if they like the F Y Science or I Y Architecture Course of the University of Bombay

The Government of Bombay have allotted 24 Technical Scholarships and 12 Backward Class Vocational Scholarships to this Institution

MOGAVEERA FREE INDUSTRIAL SCHOOL FOR WOMEN

46, Vir Nariman Street, Fort, Bombay

The School was inaugurated on the 1st February 1941 The curriculum covers (1) Literacy (2) Teaching of sewing stitching and allied embroidery work (3) Health and Sanitation This is also a Social Institution of Mogaveera Youths of Karnataka Free Admission is given to all classes of women irrespective of caste and creed

M H SABOO SIDDIK TECHNICAL INSTITUTION

5, Shepherd Road, Byculla, Bombay 8

This Institution is divided into two Sections (i) Technical High School Section leading to the S S C Examination, (ii) The Technical Institute Section prepares students in the following Trade Courses recognised by the Department of Technical Education, Government of Bombay —(a) Auto Engg (3 yrs), (b) Electrical Engg (3 yrs), (c) Radio Servicing (1 yr), (d) Auto Apprentice (2 yrs), (e) Mechanical Apprentice (2 yrs), (f) L G Textile Weaving (2 yrs), (g) Wireman s Apprentice (½ yr)

The Institution also offers instruction in the following courses of its own certificates, (a) Art Painting and Poster designing (1 yr), (b) Electric Arc and Gas Welding (1 yr)

JT PRINCIPALS —P E Chichgur and S S Desnavi

NAUTICAL ENGINEERING COLLEGE

Wadala Road, Bombay 1

(Under the administrative control of the Directorate General of Shipping, Ministry of Transport, Government of India)

The College was inaugurated on 1st October 1948 on the recommendation of the Merchant Navy Training Committee Training facilities are provided to candidates for almost all the examinations for Certificates of Competency conducted by the Ministry of Transport

The normal duration of the courses is three months This College being a purely professional training institution admission is granted only to those who have done sea service and/or workshop service and are eligible to appear for Ministry of Transport examinations

Principal —Captain P Alexander, F R Met S, M I N, Assoc I N A

INDIAN TECHNICAL EDUCATION SOCIETY'S RADIO ELECTRIC INSTITUTE

Lamington Chambers, Opp "The Swastik", Bombay 4

This Institute was started in April 1934 to fulfil a much felt need in Radio Circles for good, trained Radio Experts In course of time other courses were added so that today the Institute is well equipped with qualified staff and Laboratory apparatus adequate to give students thorough experience and training in courses preparatory to

(i) Associate Membership Examinations held by
  (a) Institute of Engineers (India),
  (b) Institute of Electrical Engineers (London), and
  (c) British Institute of Radio Engineers

(ii) City and Guilds—London Institute Final Grade Examinations in
  (a) Electrical Engineering Practice, and
  (b) Radio Service Work
  (c) Refrigeration Practice (Inter Grade)

(iii) Government of India's I, II and Special Class Certificate of Competency Examinations in Wireless Telegraphy

(iv) Department of Technical Education, Government of Bombay Examinations in
  (a) Radio Engineering,
  (b) Radio Servicing,
  (c) Electricians,
  (d) Wireman Apprentices,
  (e) Wireless Telegraphy

The Institute is recognised by the Department of Technical Education of the Government of Bombay for Examinations and Certificate purposes

ROBERT MONEY SCHOOL

Proctor Road, Bombay

This Institution was founded by the Church Missionary Society in 1836 in memory of Mr Robert Cotton Money of the Bombay Civil Service, who was an ardent advocate of Higher Education based on Christian principles After his death in 1835 a fund was raised by some of his friends who entrusted the founding of the school to the Church Missionary Society The School was converted into a Technical High School in 1948 preparing pupils for the Government Secondary School Certificate examination with technical subjects A Primary School is attached to the High School

Principal —C A Christie, B A B T,

SIR JAMSETJEE JEEJEEBHOY SCHOOL OF ART

Hornby Road, Fort

This School of Art was established in 1857, Sir Jamsetji Jijibhoy, the first Baronet contributing Rs 1,00,000 towards its endowment on condition that Government provided suitable buildings and engaged a competent staff from England and India The first buildings were temporary structures, but in 1878 a Drawing, Modelling and Design School was erected at a cost of Rs 2,00,000 To this in 1882 was added a second building to accommodate the Ruay Art Work shops which cost Rs 50 000 while in 1907 a third building called the Sir George Clarke Technical Laboratory and Studio was built at a cost of Rs 98,000 Since then further workshops connected with the Pottery Laboratory have been built costing Rs 25,000, and in all, Government have expended approximately Rs 4,00,000 on buildings erected upon nearly three acres of Government ground The third building is now used as the School of Architecture as the Technical and Pottery Laboratories were discontinued in 1926 In 1945, a new Section was introduced in the School of Art, for the training of Commercial Art in all its branches The Section has now developed to a full course of 4 years, awarding Government Diploma in Commercial Art The Government of Bombay inaugurated the first year Degree course in Architecture commencing from 1952 53 and progressively the Diploma Course into a Degree course Along the main course of study in Commercial Art the students are also trained in the allied technical subjects such as Photography, Block making, Lithographs Interior Decoration—Design, Interior Decoration—Crafts, Printing, Modern Packaging and Bookbinding, Courses of study covering a period of five years are held in the following subjects drawing and painting sculpture architecture, commercial art and design In the workshops instruction is given in cabinet making wood and stone carving metal work and house decoration The training of drawing teachers for all high schools is carried out in a normal school established for that purpose

A small Art Museum containing specimens of Indian and European art is attached to the school

Numerous Government and private scholarships and prizes are awarded to the best students of the school while special Government scholarships for backward class students are also available in a small number Stipendiary scholars are sent to the School by the State Governments and foreign countries such as Ceylon Pakistan and Africa

Dean —J D Gondhalekar

STATE COUNCIL OF TECHNICAL EDUCATION STATE OF BOMBAY

C/o Department of Technical Education, Elphinstone Technical High School Building, Dhobi Talao, Bombay

On the recommendations of the Industrial and Technical Secondary Education Committee appointed by Government to review the progress of Technical, Industrial and Vocational training in the State of Bombay, and the Committee appointed to go into the problem of award of Diplomas by the Universities and the Board of Technical and Industrial Training, Government have set up a State Council of Technical Education, with effect from January 1951 in place of the Board of Technical and Industrial Training, with adequate representation to all interests and with wider functions Government have also vested the control of all Technical and Industrial Institutions or courses leading upto the Diploma standard (Non-University Grade) including courses falling under the control of the University in the Director of Technical Education, Bombay State, Bombay

The Inspector of Technical Education (Chemical Engineering) is the Secretary of the Council

The functions of the Council are to advise Government and make recommendations regarding the courses and standards of instruction in technical institutions arrangements for the periodical inspection and examination of these institutions as regards their staff, accommodation equipment, courses of study, methods of work and actual work done, the requirements of the State in Technical and Industrial Education, opening of new technical institutions, conditions of recognition of new institutions, payment of grants in aid to institutions, appointment of Boards of studies for the various branches of Engineering and Technology, arrangements for examinations, award of certificates and diplomas preparation of text books on Technical subjects in Hindi and the regional languages

TEACHERS' TRAINING ACADEMY

Bharda New High School, Waudby Road, Bombay 1

This is an institution preparing candidates for the Government S T C Examination, and is recognised by the Government Educational Department

Principal —J H Trivedi, B A *Secretary* —B M Kapadia, M Sc , B T

VICTORIA JUBILEE TECHNICAL INSTITUTE

Matunga, Bombay

The Victoria Jubilee Technical Institute was established in 1888 in commemoration of the Jubilee of Queen Victoria and is located in spacious buildings erected at King's Circle Matunga The Institute offers courses leading both to Degrees and Diplomas in Technology The curriculum is one of four years for diplomas which are granted in the following technologies - Mechanical Engineering (L M E) Electrical Engineering (L E E) Textile Manufactures (L T M), Technical Chemistry (L T C) and Sanitary Engineering and Plumbing (L S E)

The Institute is affiliated to the University of Bombay for the Degree courses in Mechanical, Electrical & Civil Engineering and Textile Manufactures The number of students admitted to each course is very limited, *viz* Mechanical Engineering—30 Electrical Engineering 30 Civil Engineering—50 and Textile Manufactures —20 The establishment of the Degree courses was made possible by the liberal grants from both the Government of Bombay and the Government of India About 30 per cent of the seats are reserved for students coming from outside Bombay State

The Institute offers part-time courses for persons who are working in the industry It conducts the City and Guilds of London Institute Technological Examinations It also conducts examinations on behalf of the Institution of Mechanical Engineers and other similar professional institutions

Principal —P N Joshi, B A (Hons), M Sc (Tech) (Manchester), F R I C

EDUCATION SOCIETIES

ALLIANCE FRANCAISE DE BOMBAY

French Bank Building 62 Homji Street Fort, Bombay

The aim of the Alliance Francaise is to make known French language thought and culture It organizes lectures and meetings French film shows and exhibitions and stages French plays Apart from the fine club which presents at least one full length film every month, there is also a school of modern French, with beginners and conversation classes and also advanced courses in history and literature

OFFICE BEARERS - D R D Tata, *President* Rev Fr J Duhr, *Vice-President*, M M Minne, *Honorary Treasurer* M H Murcia *Honorary Secretary*

ANGLO SCOTTISH EDUCATION SOCIETY

6, Outram Road, Fort

ANJUMAN-I-ISLAM

92, Hornby Road, Bombay

The Anjuman-i Islam is now an Association registered under the Indian Companies' Act, the original Association was founded in the year 1875 This Anjuman is conducting

- 3 Boys' High Schools,
- 1 Boys' Middle School,
- 1 Technical High School (with a section of 9 Trade Courses),
- 2 Commercial High Schools,
- 2 Girls' High Schools with Primary Sections,
- 1 Urdu Research Institute for Post-Graduate Studies,
- 1 Public library and reading room,
- 1 Boys' Hostel,
- 1 Night School for adults, and
- 1 Children's Foundling Home

President —Mahomed Haji Ahmed, *General Secretary* —S S. Desnavi, B Sc , B T

BALAK MANDIR

C/o P K V Samaj, Gamdevi, Bombay 7

The Institution was founded in June 1949 by the Pathare Kshatriya Vaktrutwottejak Samaj to impart education to children through Montessori methods by trained teachers and is open to all irrespective of any caste or creed

Chairman —Krishnarao Ramchandra Desai
Hon Secretary —Trimbak Atmaram Gharat
Hon Treasurer —Mrs Kamal Pyarelal Paralkar, B A , B T.

BHARATIYA VIDYA BHAVAN

Chowpatty Road, Bombay 7.

Bharatiya Vidya Bhavan, a unique educational institution, conducts Shastric studies on indigenous lines, Indological research on lines developed in the West and the dynamic cultural activities of resurgent India looking forward to the future It conducts (*i*) Sanskrit Mahavidyalaya for Shastric studies, (*ii*) Gita Vidyalaya for study of Hindu religion, (*iii*) Samshodhan Mandir for Post-graduate studies and research in Indology, (*iv*) Saraswati Mandir for fine arts and handicrafts, and (*v*) M M Arts College and N M Institute of Science, Andheri, a college affiliated to the Bombay University for B A & B Sc courses, (*vi*) Publishes University Books—the *Bharatiya Vidya*, an Indological Quarterly and the *History and Culture of the Indian People* in ten volumes Its research work consists of 35 volumes published, an equal number under print and more under preparation Many chairs and scholarships are kept for study and research The library and Museum have valuable collections Many scholars of all India reputation are on the staff *Founder-President* —K M Munshi

BOMBAY CITY SOCIAL EDUCATION COMMITTEE

Bhatia Mitra Mandal Bhuvan, Opp G P O, Fort, Bombay

This Committee formerly known as the Bombay City Adult Education Committee has been constituted by the popular Government of Bombay since 1939 and reconstituted every three years in order that the literacy and social education campaign in Bombay is organised and carried on properly and on permanent basis The new orientation of Adult Education into Social Education is now fully accepted Besides literacy the Committee imparts general knowledge in health, personal and community hygiene and sanitation, civics etc

Shri B G Kher, the Ex Chief Minister of Government of Bombay and now High Commissioner for India in U K, Shri Mangaldas Pakvasa and the Shri Gulzarilal Nanda now Minister for Planning, Government of India, have guided the Committee as Presidents in the past Since 1949 Shri Champaklal G Modi a retired Judge of Bombay and an active member of the Committee has been appointed as its President Shri K F Mantri worked as the Secretary till June 1948 Thereafter Shri B M Kapadia is the Secretary and Social Education Officer of the Committee

The Committee is carrying on the campaign according to the Ten-Year Plan prepared in 1946, with a view to liquidating illiteracy from the adult population numbering about 660,000, within the years, at the aggregate cost of Rs 55,00,000 The Plan has been supplemented by The New Approach to the Ten Year Plan The Committee's jurisdiction has been extended since 1950 to the whole of Greater Bombay The Committee has a special scheme of educating workers in mills and factories 112 classes are now working in about 41 mills

Activities —The Committee runs 2,000 literacy centres per year in Marathi, Gujarati, Hindi, Urdu, Kannada, Telugu, runs 600 post-literacy centres, arranges cultural programmes every week, arranges cinema programmes every day, circulates library boxes, arranges science and other exhibitions for the enlightenment of the illiterate masses

Finances —The annual expenditure is about Rs 3,50,000 The Government of Bombay pays 50 per cent of actual expenditure The Municipality grants Rs 1,00 000 Sir Dorabjee Tata, Sir Ratan Tata Trusts and N M Wadia Charities make regular contributions amongst others

A special annual feature is the Social Education Week celebration to collect funds and to propagate social education

Achievements —In the last 13 years, the Committee has educated in literacy and other general knowledge in Marathi, Hindi, Urdu, Gujarati and Telugu languages more than 250,000 adults of whom 45,000 were women at a total cost of Rs 21,45,415 Adults are provided all facilities free

BOMBAY EDUCATION LEAGUE

320, Girgaum Road, Bombay

AIMS AND OBJECTS —Educational uplift of masses backward in education Branch of Maratta Mandir Ltd

INSTITUTIONS UNDER CONTROL —Three High Schools and one Primary School in Bombay one High School and one Training College at Akalkot, one High School at Jath, one Hostel for Students in Sholapur

BOMBAY EDUCATION SOCIETY

The Bombay Education Society was founded in 1815 by Archdeacon Barnes for the maintenance and education of poor European and Anglo-Indian children in the city of Bombay

Patron—The Governor of Bombay *President*—The Rt Rev The Bishop of Bombay, *Chairman of Managing Committee*—Major D V Deans, CIE, OBE, *Honorary Secretary*— The Rev A S H Johnson, *Honorary Treasurers*—R Douglas G D Peterson, Head master, Barnes High School, Deolali, W R Coles, BA, Head-master, Christ Church High School Byculla, U J Gilder, BA

The Society owns and manages two schools—the Christ Church High School at Byculla and the Barnes High School at Deolali

The boys and girls are prepared for the Cambridge Local, Govern ment High School and other examinations

THE BRITISH COUNCIL

REGIONAL OFFICE AND LIBRARY - French Bank Bldg, Homji Street, Fort

The British Council is a body under Charter to Her Majesty the Queen and is the principal agent in Britain for the development of cultural relations with foreign and Commonwealth countries It works in some sixty countries, in addition to extensive activities in the United Kingdom itself

Its main functions are the conveying of a knowledge of Britain to other countries This it does by encouraging intercourse and the exchange of ideas between technical, professional, and educational groups in Britain, and similar groups in countries abroad It fosters a knowledge of the English language and trains teachers to that end It co operates with overseas universities schools and societies to further those studies It grants over 200 scholarships every year to allow students to visit Britain and undertake courses of study Ten such scholarships are awarded in India each year The welfare of students from the Colonies is its special responsibility It has welfare and other institutions for foreign students in the larger towns of Britain In addition, it invites selected individual visitors to Britain as its guests, and gives, wherever possible, help and advice to visitors from overseas who go to Britain of their own accord It is the administering body for Fellowships awarded by United Nations specialised agencies for study in Britain

In literature, music, drama, the fine arts pure science, engineering, medicine and agriculture, it provides manifestations abroad, sending lecturers, exhibitions and other works It establishes libraries and reading rooms

Headquarters 65, Davies Street, London W 1

Chairman General Sir Ronald Adam, Bt, GCB, DSC, OBE

Headquarters in India New Delhi

Other Regional Offices in Calcutta and Madras

DAWOODBHOY FAZALBHOY MUSLIM EDUCATIONAL TRUST

42, Pydhonie Road, Bombay

AIMS AND OBJECTS —**Muslim Education Award of studentships and Educational Loan for Higher Studies in India and abroad**

Trustees —**Mrs Fatmabai Dawoodbhoy Fazalbhoy, *Chairman*, Esmail Abdul Karim Panjoo, Ashruff Dharamsey and Y C Chinwala**

DAWOODBHOY FAZALBHOY NURSERY SCHOOL

42, Pydhonie Road, Bombay

This school was started by the Trustees of the Dawoodbhoy Fazalbhoy Muslim Educational Trust in June 1946, for giving instruction to Muslim boys and girls of 2½ years, in Gujarati and Urdu A substantial meal is served at lunch for the children, and sleeping arrangements are made in the afternoon

GENERAL EDUCATION ACADEMY

65, Babu Genu Road, Bombay 2

A private organisation for the promotion of Education among the masses Free advice to parents Publication of original thesis or essays on education considered Practical suggestions regarding external degrees and courses for non collegiate students given

***Director*:—Hari Prasad Gupta.**

GENERAL EDUCATION INSTITUTE

Dadar, Bombay

The Institute may be said to owe its origin to the rapid growth and prosperity of the Dadar English School and the Primary School, Dadar, and of the A V School, Kalyan, started by the late Mr G N Akshikar, with the main object of promoting education among the masses

The Society at present conducts the following institutions —

The Chhubildas Lulloobhoy Boys High School, Dadar, Bombay; The High School, Kalyan, The New High School, Kalyan, M H High School, Thana, The Native Institution, Uran, District Kolaba, Girls' High School, Dadar, Bombay, English School, Matunga, Parsharam Ramnarayan English School, Bhivandi, District Thana, S V Joshi High School, Dombivli, District Thana, High School, Kurla, The Chhubildas Lulloobhoy Primary School, Dadar, Bombay

President —**Raja Shrimant Sir Raghunathrao S Pandit Pant Sachiw, KCIE, Raja of Bhor, Bhor**

Chairman, Board of Directors —**Dr D S Munagekar LCP & S, Dadar**

Secretary —**V M Dhamankar, BA BT**

GOKHALE EDUCATION SOCIETY

Vithalbhai Patel Road, Bombay

The Gokhale Education Society was founded in February, 1918, to commemorate the name of the great educationist and patriot, the late Mr Gopal Krishna Gokhale The objects of the Society are — 1 To start, control and maintain institutions imparting education to students with a view to making them ideal citizens 2 To encourage and facilitate among the life workers of the Society the study of educational problems in India and other countries 3 To carry on educational propaganda by means of lectures, publications and other means The present number of life members is eighteen

The affairs of the Society are managed by the Senate which consists of all the Life members of the Society retired members and representatives of the Staff The Trustees of the Society are —N M Joshi Shet Bhagwandas Vassanji B S Sanzgiri and Principal T A Kulkarni The Office Bearers of the Society (1) *Chairman*—Principal T A Kulkarni, (2) *Secretary*—G V Gadgil (3) *Jt Treasurers*—H S Joglekar and S L Taskar (1) Bombay Centre—Shet Dharamsey Govindji Thackersey High School Principal—H S Joglekar Headmaster G V Gadgil (2) Parel Centre—Parel, Bombay 12 Ramchandra M Bhatt High School Principal— M V Donde Headmaster - S L Taskar Parel Night School (3) Bordi Centre—Post Bordi, District Thana, Railway Station Gholvad W Rly (*a*) Soonabai Pestonji Hakimji High School Principal—A V Save (*b*) Hostels—monthly charge Rs 60 Superintendent—Chitre (*c*) Allarakhia R Sonawalla Industrial School (*d*) Rao Bahadur A S Desai Topiwalla Agri cultural Class (*e*) S P H Primary School (4) Nasik Centre— Shet Hansraj Pragji Thackersey College, Nasik Principal—B L Patankar Hostel Accommodation for 100 Boarders Rector - Prof N M Acharya (5) Sir D M Petit High School, Sangamner, Dist Nagar

GOLWALLA'S FORT TUITION CLASSES

Bombay Mutual Building, Hornby Road, Bombay

Founded in 1910, this private educational institution provides a full course of instruction up to the Matriculation namely S S C Examination and First Year College Examinations Besides, there are special classes for Business, English, Book keeping, Commercial Correspondence, Shorthand, Typewriting, etc

The institution is cosmopolitan in its scope and outlook, the pupils hailing not only from all parts of this country but from distant places like Burma, Iran, East Africa and America Special hostel facilities are provided for the convenience of such pupils

PRINCIPAL AND PROPRIETOR —Eruch R Golwalla

KISHINCHAND CHELLARAM (EDUCATIONAL) TRUST

Gazdar House, Dhobi Talao, Bombay 2

OBJECTS —**To spread and promote and/or provide for general Commercial, Industrial or Technical Education by providing for or granting scholarships, studentships, stipends, travelling fellowships or periodical or occasional monetary help or assistance to deserving students studying or undergoing training in any subject or undertaking and prosecuting research work on any scientific, chemical, electrical or atomic energy subject investigating or specialising in any branch of knowledge useful for or related to any business or industry of any kind in all or any of its branches Maintains a Library and Reading Room**

TRUSTEES —**Hotchand Gopaldas Advani, Bar-at-Law, K Lokumal, T Murli, Purshotamdas H Sabnani, Vishindas Ganchand, Motwani Watumal Jhamandas, Gobindram Hassaram**

K R CAMA ORIENTAL INSTITUTE

136, Apollo Street, Fort, Bombay

OBJECTS —The Institute has been founded with the object of promoting and advancing oriental studies and offering facilities to the existing societies and Institutions already engaged in such work, and if necessary by founding scholarships for the purpose of encouraging and advancing oriental studies The Institute publishes a Journal periodically Life membership subscription, Rs 100, annual membership, Rs 10

PRESIDENT —Sir Rustom Masani, Kt , M A

TRUSTEES —Dewan Bahadur K M Javeri, M A , LL B , Sir R P Masani, Kt , M A , Rustam J J Modi, Bar at Law , J H Cama, B A K H Cama N H Tata and I D Desai B A , LL B

HON TREASURER —R F Gorwalla, M A

JT HON SECRETARIES —Rustom J J Modi, Bar-at Law Dr Jamshed M Unvala, M A , Ph D

LIBRARIAN —K P Dastoor M A

PEOPLE S EDUCATION SOCIETY, BOMBAY

Anand Bhavan (Albert Building), Near Flora Fountain Fort, Bombay 1

The Society was founded in 1945 by Dr B R Ambedkar M A Ph D D Sc (Lond) LL D (Columbia) D Lit (Osmania) Bar at Law M P His object is to bring college education within the reach of the middle and poorer classes It gives special facilities to the Scheduled Caste and Backward Class Students

GOVERNING BODY OF THE SOCIETY *Chairman* —Dr B R Ambedkar *Members* N Shivraj D G Jadhav M B Samarth, J H Subbiah S K Bole , H K Patel V G Rao , C N Mohite , R R Bhole

General Secretary —M V Donde *Asstt General Secretary* —K V Chitre

The Society runs three colleges and one Night High School (1) Siddharth College of Arts and Science Bombay for Courses leading up to M A and M Sc (2) Siddharth College of Commerce and Economics Bombay for Courses leading for the present up to Inter Commerce and (3) P E S College of Arts, Science and Commerce at Aurangabad for Courses leading up to B A B Com and Inter Science and (4) Siddharth Night High School in Bombay

The Society also maintains a Backward Class Hostel at Pandharpur and gives grants to Backward Class Hostels at Nasik Manmad, Nandurbar Chalisgaon Sangamner Dapoli, Dholka and Patan

RAO BAHADUR S V RAJADHYAKSHA GOWD SARASWAT BRAHMAN FOREIGN EDUCATION SOCIETY

Chikitsaka Samuha Building Kandewadi, Bombay 4

AIMS AND OBJECTS —The object of the Society is to advance pecuniary aid to deserving students of the Gowd Saraswat Brahman Community proceeding to foreign countries for higher studies

FUNDS —The Permanent Funds of the Society amounted to Rs 2 09 061 in 1952

LOAN SCHOLARSHIPS GRANTED—38 students have been granted loan scholarships of the aggregate sum of Rs 1 64,647 during the last 30 years

MANAGING COMMITTEE —The Hon Mr Justice G S Rajadhyaksha (*Chairman*), Dewan Bahadur Dr J S Nerurker (*Vice Chairman*), V M Telang (*Hon Treasurer*), S L Kapadia and Y H Sukthankar (*Hon Secretaries*)

SARASWAT VIDYARTHI SAHAYAK MANDALI

OFFICE —V S Kuwadekar Karyalaya, Chikitsaka Samuha Building, Kandewadi, Bombay 4

OBJECTS—To help poor and deserving students of the Gowd Saraswat Brahman Community prosecuting their studies in India as well as in foreign countries, in Primary, Secondary, Collegiate, Post-graduate, Professional, Technical, Industrial and Religious Education, etc

WORK DONE —The Institution has advanced in all nearly Rs 4,09 965 for deserving students from all parts of India to get an education and has built up a Reserve and Endowment Fund of Rs 5,23 039

SHRI MAHAVIRA JAINA VIDYALAYA

Gowalia Tank Road, Bombay 26

On the advice and guidance of Acharya Shri Vijayvallabhsurijı was started this Institution which amongst its multifold aims includes founding useful secular and religious institutions giving special facilities to students for prosecuting their studies in different colleges and universities as well as encouraging studies of Sanskrit and Prakrit literature

In furtherance of the above objects, a *Vidyarthigriha* was started at Bombay in 1915

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Apollo Pier Road, Bombay 1

The Tata Institute of Fundamental Research was established jointly by the Government of Bombay and the Trustees of the Sir Dorabji Tata Trust in June 1945 It is now financed by grants from the Government of India Government of Bombay and the Sir Dorabji Tata Trust The object of this all India Institute is fundamental research in Physics and Mathematics

The Atomic Energy Commission Government of India, has decided that this Institute as the centre for all large scale projects in nuclear research and has entrusted to it important research projects The Institute is housed in a portion of the premises formerly occupied by the Royal Bombay Yacht Club on Apollo Pier Road A valuable site of about 10 acres in Block VIII at Colaba has been given by the Government of India to the Institute for its permanent buildings, the construction of which is being taken in hand

COUNCIL

J R D Tata (*Chairman*) D C Pavate M A Dr S S Bhatnagar, D Sc , F R S Prof R Choksi M A Dr H J Bhabha, D Sc , F R S

STAFF

Dr H J Bhabha, D Sc F R S , *Director and Professor of Theoretical Physics* Prof D D Kosambi *Professor of Mathematics* Prof K Chandrasekharan, Ph D *Professor of Mathematics* Dr B Peters *Professor of Experimental Physics* V B Sithar *Reader in Experimental Physics* Dr K S Singwi Ph D *Reader in Experimental Physics* Dr B V Thosar Ph D *Reader in Experimental Physics* A S Rao *Reader in Experimental Physics* Dr D Y Padke *Reader in Experimental Physics* Dr R Ramanna *Reader in Experimental Physics* Dr S S Dharmatti Ph D *Reader in Experimental Physics* *Registrar and Secretary to the Council* S G Nawre

TATA INSTITUTE OF SOCIAL SCIENCES

105 109, Ghodbunder Road, Andheri, Bombay

Board of Trustees —Lady Ratan Tata, J R D Tata, Sir H P Mody, A D Shroff, Dr John Matthai, C I E (*Chairman*), N H Tata Prof R Choksi (*Managing Trustee*)

Governing Board N H Tata, Dr John Matthai (*Chairman*) Ashafaque Husain (Government of India Representative), Mr Justice N H Bhagwati, D R D Tata, Prof R Choksi, A R Wadia (*Secretary*)

The Tata Institute of Social Sciences was founded in June, 1936 — then known as the Sir Dorabji Tata Graduate School of Social Work —by the Trustees of the Sir Dorabji Tata Trust Admission to the Institute is open only to men and women graduates of recognised universities The Institute offers a two years training in professional social work on the successful completion of which a Diploma in Social Service Administration is awarded The subject areas of specialisation are Industrial Relations and Personnel Management, Family and Child Welfare, Social Work in Medical and Psychiatric Settings, Group Work and Community Organisation, and the courses of instruction include Sociology, Social Pathology, General and Social Psychology, Psychiatry, Social Economics, Social Research and Legislation Social Case Work and Social Group Work A special one year course in Correctional Administration was to be organised for State deputed candidates

In addition to the teaching programme, the Institute maintains a *Bureau of Research and Publications* which promotes research in social problems and publishes literature on social work and related subjects Under its auspices *The Indian Journal of Social Work* is published every quarter and edited by the Faculty of the Institute

The Institute also conducts a *Child Guidance Clinic* which, besides providing guidance to parents and treatment to children with personality difficulties, serves as a laboratory for the students of the Institute to gain practical experience in handling, diagnosing and treating problem children, and to practise case work techniques

Director—A R Wadia

Registrar—I S Kudchedkar, M A

UNIVERSITIES INFORMATION BUREAU

University of Bombay, Fort, Bombay 1

The Universities Information Bureau has been formed by the University of Bombay for the purpose of giving to students of the University, advice and information regarding the conditions of admission, cost of living and education courses of study, etc in Indian and foreign Universities other educational Institutions and training centres or Industrial works

The Bureau has a library attached to it which contains latest calendars handbooks and catalogues of various Indian and foreign universities, other educational institutions and training centres or Industrial works

WORKERS' EDUCATIONAL SERVICE LEAGUE, BOMBAY

This Institution is conducting a full fledged free Night High School at the Municipal Central Urdu School Building, New Nagpada, under a trained and qualified staff It also runs a Commercial Class under a qualified Instructor Both of them are open to the working class of all the communities It is managed by a Managing Committee elected every year and is dependent upon charity shows and donations from public and charitable Institutions

YOUNG MEN'S EDUCATION SOCIETY

179, Bazar Gate Street, Bombay

AIMS AND OBJECTS—To conduct the Young Men s Free Night School and to impart free education irrespective of caste or creed

Patron – Prof V G Rao Bar at Law J P *President* – L Uppoor *Vice President* –D P Puthran *General Secretary* B M Shetty *Asstt Secretary* –P S V Rao *Jt Hon Treasurers* –B R Shetty and E G Bangera

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CULTURAL AND SCIENTIFIC INSTITUTIONS IN BOMBAY

AGRICULTURAL RESEARCH STATION

Karjat (District Kolaba)

The experimental station was opened at Karjat in 1919 with the specific object of bringing about botanical improvement in the major rice varieties of the North Konkan tract The station is under the administrative and technical control of the Deputy Director of Agriculture (Crop Research), Bombay State, Poona 5

Plant Breeder and Officer in Charge —N Gopalkrishna, M Sc (C S A)

Biochemist and Officer in Charge, Agronomy Section —Dr M M Khibe, M Sc, Ph D (Bombay)

ANTHROPOLOGICAL SOCIETY OF BOMBAY

136, Apollo Street, Bombay 1

OBJECTS —To promote the prosecution of Anthropological research in India, and thereby contribute towards the acquisition of a wider and truer knowledge of its inhabitants, to hold monthly meetings for reading and discussing papers and notes on Anthropological subjects, and to publish a journal

President —P G Shah, M A, B Sc, I A A S (Retd), C I E, *Vice-Presidents* —Sir Rustom Masani M A, Dr (Mrs) Iravati Karve, M A, Ph D, *Hon Secretary & Treasurer* Sapur F Desai, B Sc, *Asstt Secretary* —K P Dastoor, M A

ART SOCIETY OF INDIA

Sandhurst House, Sandhurst Road, Bombay

The objects of the Society are—the promotion and encouragement of art by exhibition of art works produced by its members, the publication of an art journal, lectures, theoretical and practical, the establishment and maintenance of a permanent Art Gallery and an Art Library for members use

MANAGING BOARD —*President* —V R Amberkar, *Vice President* —K H Kabbur, *Chairman* —V P Karmarkar, *Jt Hon Treasurers* —H N Dallas, V A Mali, *Jt Hon Librarians* —N M Kelkar, K N Pathare, *Jt Hon Secretaries* —D B Jog, D J Chitale, *Members* —C V Oak, P M Patel, M R Acharekar, S V Shah

BALKAN JI BARI—AKHIL HIND BALAK SANGH

Address Balkan ji Bari - Akhil Hind Balak Sangh, Gulistan, Khar, Bombay 21

Balkan ji Bari, which means 'Children s Garden', is the premier all India Children s Organisation The chief aim of the association is to make children as happy as possible and to let them develop by themselves It has Branches throughout India where children meet regularly

Balkan ji Bari has Children s Own Libraries and Libraries for Child Welfare Workers at several places, consisting of books in different languages The Bari conducts Arts and Handicrafts Classes and has also a Poor Children s Fund The Association runs Child Welfare Workers training classes and camps and a number of monthly Journals in English and other languages as well as *Children s Corners* in various weekly newspapers

General Secretary —Dada Shewak Bhojraj

BHAVSAR KSHATRIYA MAHILA MANDAL

Chamarbag Road, Parel, Bombay No 12

The Social Institute,—carrying out the progressive work in connection with literacy, first aid, embroidery and handicraft work —Promoting the welfare of widows, students, etc, by social and spiritual agencies and financial aid Providing home industries such as preparing Indian condiments pickles, etc

BOMBAY ART SOCIETY

Jehangir Art Gallery, Bombay 1

The objects of the Bombay Art Society are the promotion and encouragement of Art by exhibition of pictures and Applied Arts, the publication of an Art journal, meetings and lectures, and to assist in the establishment and maintenance of a permanent gallery for pictures and other works of Art

PATRON —Girja Shankar Bajpai, Governor of Bombay
PRESIDENT —Sir Cowasjee Jehangir, Bart
VICE-PRESIDENTS —M A Joshi, J A Lalkaka, V P Karmarkar, Dr H J Bhabha, Sir Fazalbhoy Currimbhoy, Kt
HON SECRETARY —V V Oak, JT HON SECRETARY —K M Gandhy, HON TREASURER —V D Bhagat

BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

Town Hall, Bombay 1

This Society was instituted in 1804 under the name of "The Bombay Literary Society for the investigation and encouragement of Oriental Arts, Sciences and Literature, but since its incorporation with the Royal Asiatic Society of Great Britain and Ireland, it has been denominated the Bombay Branch of that Society Annual subscription Rs 60

PRESIDENT —Mr Justice M C Chagla, B A (Oxon), Bar at-Law, Chief Justice Bombay

VICE PRESIDENTS —Mr Justice P B Gajendragadkar, K M Jhaveri, Prof P A Wadia, Prof H D Velankar

LIBRARIAN —N A Gore

SECRETARY —G C Jhala

BOMBAY HISTORICAL SOCIETY

The Society was founded in 1925 to stimulate research in Indian History, and Indology with special reference to Bombay and Western India

The Society also arranges public lectures, exhibitions etc

The Society publishes a journal and an annual Bibliography of Indian History and Indology

Address —Prince of Wales Museum, Bombay 1
PRESIDENT —Mangaldas Pakvasa
HON SECRETARY —P I Pavri
HON TREASURER —R G Gyani

BOMBAY KANNADA SANGHA

Venkatesa Nivas, Bhau Daji Road, Matunga, Bombay 19

An association of Kannadigas, drawn from all over Karnataka, irrespective of caste or creed and all lovers of Kannada language and literature, art and culture

Aims and objects To promote the cause of Kannada language, literature, art and culture in every way possible

President —Vidwan M R Gopalacharya, M A, *Vice-Presidents* —R V Murthy, M A, J N Iyer, *Joint Hon Secretaries* —H M K Murthy, B A, LL B V N Parande, *Hon Treasurer* —D S Sastry, B E *Hon, Librarian* —B Ramachandra Naik, *Hon Auditor* —N V K Rao, G D A

BOMBAY MEDICAL COUNCIL

Swadeshi Mills Estate, Tata Road, New Queen's Road

President —Dr Rustomji Nassurwanji Cooper, M B B S, M S (Lond), F R C S (Eng)

Members —Dr Gopal Krishnaya Mulki, M B B S M R C S (Eng), L R C P (Lond), F R C S (Eng), Dr Motibhai Dessibhai Patel, M B B S, L R C P (Lond), F R C S (Eng), Dr Chamanlal Manekial Mehta, M B B S, F R B P S (Glas), F C P S, Dr Vaman Dinkar Sathaye, B Sc, L C P S, Dr Udyavar Bhadya Narayanrao, L C P S, The Surgeon General with the Government of Bombay, Dr M D D Gilder, L M S, F R C S (Eng), M D (Lond), Dr Krishna Bhimrao Antrolikar, M B B S, , Dr J A Collaco, I M & S, J P, Dr Shivappa Malappa Kuradikeri, L C P S, Dr Chhotalal Jivabhai Patel, L C P S, M L A

Registrar —Balkrishna Moreshwar Sidhaye, B A, LL B

BOMBAY MEDICAL UNION

Blavatsky Lodge, French Bridge, Chowpatty, Bombay

OBJECTS —Maintenance of interest and status of the medical profession

President —Lt -Col R A Davar
Vice-Presidents —Dr G Coelho, Dr B A Shete
Hon Librarians —Dr N J Dodhi, Dr K N Baria
Hon Treasurer —Dr A Vaidya
Jt Hon Secretaries —Dr H G Patel, Dr Dara R Hakim

BOMBAY NATURAL HISTORY SOCIETY

114, Apollo Street, Bombay 1

Its aim is to promote the study of natural history particularly of the Oriental region in all its branches

It publishes the well-known journal (now in its 51st volume) which carries authoritative scientific and popular articles on sport and natural history Also popular illustrated natural history books

The Society's library contains over 3,000 volumes

Membership open to all interested in natural history

BOMBAY SOCIAL HYGIENE COUNCIL

10, Waterloo Mansions, Apollo Bunder, Bombay 1

AIMS AND OBJECTS —(*a*) To work towards securing adequate facilities for the prevention, diagnosis and treatment of venereal diseases for the whole population of the State, (*b*) to work towards securing adequate facilities for under graduate and post graduate medical instruction in the diagnosis and treatment of venereal diseases, (*c*) to work towards securing adequate facilities for the graduate and post graduate training of teachers in the foundation of social hygiene, (*d*) to undertake the enlightenment of all sections of the public in the problems of social hygiene, (*e*) to promote facilities for the prevention, diagnosis and treatment of venereal diseases for the men of the mercantile marine and other migrant workers

Patron —The Governor of Bombay

President — Shantilal H Shah

Vice Presidents —Surgeon General with the Govt of Bombay (*ex officio Chairman*) Director of Public Health Director of Education, Municipal Commissioner of Greater Bombay, Mrs Khadija S Tyabji

Jt Hon Secretaries —Dr Socrates Noronha, M B E, J P, B Hy, D T M & H (Eng), D T M (Lond), L M & S, F C P S, Dr V V Puri, M B B S, D P H, D T M

Hon Treasurer —Dr M Venkatrao, J P

CATHOLIC STUDENTS' UNION, BOMBAY

St Xavier's College, Bombay 1.

Aims and Objects —To form a bond of union between the present and the past Catholic University students, to voice the thoughts, feelings and aspirations of Catholic University men and women on all matters of public interest and to co operate with other similar bodies, whether Catholic or not, in matters of common interest, to provide opportunities for social intercourse among members and to promote good fellowship and solidarity among them, and through them in the Catholic community, to organise and to promote cultural activities so as to enlarge and deepen knowledge, both secular and religious, to train and prepare members for public life and activities, including Catholic Action, to give helpful co-operation to all Catholic institutions, educational, social or charitable, which work for the uplift of the community and in the defence of the Catholic cause, to support causes and movements tending to improve social and civic environment and to promote peace and harmony among all communities

Patron —His Eminence Valerian Cardinal Gracias, Archbishop of Bombay

Managing Committee —President —Dr Menino deSouza, M D, *Vice-Presidents* —Miss Rita Fernandes, Cedric Santos, B A, Stanley Lobo

Hon General Secretary —Achilles B Fernandes B Sc, *Literary Secretary* —Joe K Cheriyan, *Entertainment Secretary* —Miss Jeanette Pinto, *Publicity Secretary* —Ilityd Santos, *Ecclesiastical Adviser* —Rev Fr M M Balaguer, S J

CERCLE LITTERAIRE BIBLIOTHEQUE DINSHAW PETIT—1886

60, Forbes Street, Bombay 1

Object —To promote the study of the French language, literature and civilisation The Cercle has a reading room and library furnished with the leading French periodicals and over 6,000 volumes Lectures in French are often given and weekly "Causeries" held every Tuesday

Patrons —Sir Dinshaw Manockjee Petit, 3rd Bart, *President*.—Rev Fr. J. Duhr, S J, *Hon. Treasurer*.—D. P. Katrak, *Hon. Secretary*.—P. J. Bahadurji.

COLABA OBSERVATORY, BOMBAY

(GOVERNMENT OF INDIA)

Colaba Observatory continuously records meteorological elements, atmospheric potential gradient storm or monsoon microseisms and earthquakes The Magnetic branch of the institution is located at Alibag and maintains continuous records of Geomagnetic elements and their absolute values

Colaba Observatory also broadcasts time signals correct to tenth of a second daily at 08 45 hours and 20 45 hours I S T It rates and maintains chronometers for the Indian Navy

Visitors allowed after obtaining prior permission

Director —S L Malurkar

Assistant Meteorologist —V Sharma

DAVID SASSOON LIBRARY AND READING ROOM

152, Mahatma Gandhi Road, Bombay 1

Founded in 1847, this Library and Reading Room was originally known as The Bombay Mechanics' Institution In 1873 it was reconstituted as the Sassoon Mechanics' Institute which name was changed in March 1938 into David Sassoon Library and Reading Room The magnificent building was erected during the years 1867 70, at a cost of Rs 1,25,000, the funds being provided by Mr David Sassoon, the great merchant prince of those days and the venerable head of the Sassoon family He presented Rs 60,000 and Government gave a like amount and also leased for a term of 999 years, the excellent site measuring 1,485 sq yards The public also contributed

Life membership is Rs 300 and Ordinary membership Rs 8 per quarter

President —Rao Bahadur R B Patel, C I E, M A, L L B (Cantab), Bar at Law

Vice President —Oscar H Brown, C I E, O B E, J P, Bar at-Law

Hon Secretary —M A Upadhyaya, M A, L L B *Hon Treasurer* — P G Bhal, M A, L L B

CENTRAL RAILWAY INSTITUTE

Byculla, Bombay

The Institute is open to all Subscription for railway employees Rs 2 Subscription for non railway employees Rs 3 Books are subscribed for (and changed-monthly) from the Central Railway library There is also attached to the Institute a billiard room and recreation ground, with swings, giant's stride, tennis court, &c

FEDERATION OF UNIVERSITY WOMEN IN INDIA

The Federation of University Women in India unites various Associations of University Women throughout the country, its object being to promote friendship and understanding among university women of all races resident in India and to further their common interests

Hon General Secretary —Mrs Perin Netarwalla, Windsor House, Churchgate Reclamation, Bombay 1

Member in Charge of International Relations —Mrs Ahmadullah, 12, Gupta Mahal, Churchgate Reclamation, Bombay

GUJARAT RESEARCH SOCIETY

46 48, Esplanade Mansion, Mahatma Gandhi Road, Bombay 1

The objects of the Society are —To promote, organise and co-ordinate research in all branches of knowledge with reference to Gujarat, Saurashtra and Kutch, to collect and publish accurate information on all subjects relating to Gujarat, Kutch and Saurashtra, to collect books, manuscripts, antiquities and similar objects, and arrange for facilities for research by establishing libraries, museums, laboratories, art galleries, etc, to publish the results of research through journals, periodicals, books, lectures, photographs, films, etc, to co-operate with other institutions interested in research, and induce them to give increased importance to the solution of problems of Gujarat through research

The Society has been publishing a quarterly journal since 1939 of its own This journal is devoted to the publication of articles on all branches of knowledge relating to Gujarat, Saurashtra and Kutch

PRESIDENT —P G Shah, VICE PRESIDENTS —Sir H V Divatia, Sir M B Nanavati, K M Munshi, Dr B B Yodh Prof C N Vakil, R G Saraiya, HON TREASURER —Dr A S Kalapesi, HON GENERAL SECRETARY —Dr D T Lakdawala, HON JT SECRETARY —Dr M B Desai

HAFFKINE INSTITUTE

Parel, Bombay 12

Haffkine Institute is the principal State Medical Research Institute of western India It is exceptionally well-equipped for research work and is an active research laboratory In addition, it carries out a great deal of routine work for the Health Department The routine work includes the large scale manufacture of plague, cholera, T A B and anti rabic vaccines, the manufacture of anti toxins and toxoids, including tetanus, diphtheria, and gas gangrene anti toxins, tetanus and diphtheria toxoids, lyophilized polyvalent anti snake venom serum and anti dysentery and anti plague sera, clinical pathology for diagnostic purposes, a prominent feature of which is that work in connection with such infectious diseases as enteric, dysentery cerebrospinal fever diphtheria typhus and malaria is carried out free even for private practitioners routine analyses of food and water required by the Public Health Department of the Government of Bombay large scale manufacture of simple and multiple vitamin tablets and Sulphathiazole tablets solutions intended for parenteral injection and the provision of a blood bank The Institute has been appointed as the Government Analyst by various States for the testing of drugs under the provisions of the Drugs Act of 1940 and the rule thereunder Lately the Institute has been recognised as a Post Graduate Institution

Director —Dr P M Wagle M D , D P H D T M , D Bact

INDIAN CONFERENCE OF SOCIAL WORK

Central Office 16, Govt Hutments, 6/A Cooperage Bombay 1

The Indian Conference of Social Work is a central national organization for the promotion of social welfare in India The Conference was established at a meeting of social workers from all over India held in Bombay in 1947 under the Presidentship of Shri Jamshed Nusserwanji

It has State Branches in Assam, Bihar Delhi, Hyderabad Madras Madhya Bharat Mysore, Orissa Uttar Pradesh and West Bengal, together with several District Branches Is affiliated to the International Conference of Social Work

Membership fees are as follows —(i) Patron Rs 1 000 (ii) Life Member Rs 200 (iii) Institutional Member Rs 10 per affiliating institute, and (iv) Ordinary Member Rs 5 annually

Office Bearers —*President* Dr Jivraj N Mehta *Vice Presidents* Shri Justice B K Guha Dr U Krishna Rau and Mrs K Vellodi, *Honorary Treasurers* Dr J M Kumarappa Smt Zarina E G Currimbhoy and F R Surti *Honorary General Secretary* Smt Gulestan R B Billimoria *Executive Secretary* B Chatterjee *Honorary Associate Secretaries* S Nageshwaran S R Venkataraman, P J Churayath *Asstt Secretary* I J Soares

A South East Asia Regional Office of the International Conference has been established in conjunction with the Central Office of the Indian Conference of Social Work in Bombay

Officers of the International Conference in India —*Vice President* Dr J M Kumarappa Bombay *Asstt Treasurer General* Smt Gulestan R B Billimoria, Bombay *Asstt Secretary General* B Chatterjee, Bombay *Asstt Secretary* Kumari Bani Q Singh

INDIAN INSTITUTE OF ARCHITECTS

Prospect Chambers Annexe, Hornby Road, Bombay 1

The objects are to encourage the study of Architecture, to elevate the standard of architectural practice and, by mutual support, to promote the interests of architects throughout India Besides many other professional activities, the Institute issues a quarterly journal, grants a studentship, conducts Architectural competitions and co-operates with the R I B A through the R I B A examination board, in conducting the final R I B A examinations in Bombay

OFFICE-BEARERS AND MEMBERS OF THE COUNCIL

President —J B Fernandes, A R I B A (F), *Vice President* — M K Jadhav, F R I B A (I) *Jt Hon Secretaries* —D R Chowdhari, A R I B A (F) P J Khambata A R I B A (F) *Hon Treasurer* —B D Mhatre, G D Arch (F)

INDIAN INSTITUTE FOR EDUCATIONAL AND CULTURAL CO-OPERATION

22 D, Parsi Bazar Street, Bombay 1

The Institute functions as the Bombay Association for the United Nations

Its objects include —

1 Promoting intellectual fellowship and collaboration among men and women of learning and among educational and literary institutions and organizations

2 Demonstrating through publications the oneness and the co operative process underlying the development of human culture

3 Promoting studies in international relationship and keeping alive the spirit of humanism and internationalism

4 Collaborating with and co ordinating libraries and museums and facilitating exchange of publications, loan of books, manuscripts and specimens, educational films, and other means of instruction

INSTITUTION OF ENGINEERS (INDIA)

BOMBAY CENTRE

This is the local centre of the Institution of Engineers (India) established in 1920 and incorporated by Royal Charter in 1935 Its object is to promote and advance, within the centre s boundaries, the objects set forth in the Royal Charter

Committee —S M Kini (*Chairman*) H S Bathvala, K I Divecha P E Golvala, R N Joshi, K F Antia N D Daftary S B Dalal Framroze D Mehta N V Modak N N Purandare G R Vartak and K B Carnac (*Hon Secretary*)

Library, Reading Room and Office —Ilaco House, Sir Pherozeshah Mehta Road, Bombay 1

JAMSETJEE NESSERWANJEE PETIT INSTITUTE

312, Hornby Road, Bombay 1

Library and Reading Room Established 1856 Membership about 6,500 Extensive Reading Room and Reference Library Over 450 periodicals subscribed Book Stock about 72,000

PRESIDENT —Sir Dinshaw M Petit, Bart , VICE-PRESIDENT — Nesserwanjee H Sethna Solicitor , HON SECRETARY — Jehangir S Chiniwala, B A L L B , Advocate (O S), HON TREASURER —Nanabhoy Jeejeebhoy M A LIBRARIAN M K Mowdawalla B A L L B A L A

Life membership Rs 500 First, second and third classes Rs 12, Rs 8 and Rs 4 per quarter

KARNATAKA READING ROOM AND LIBRARY

46, Vir Nariman Street, Bombay 1

The library was established in 1943 with a view to educating the Kannada speaking people of Bombay in every branch of knowledge It is with this object the conductors of the library made it an All-Kannada Library which from time to time is enriched by new books Besides the library, there is a well equipped reading room where Kannada and a few English newspapers and magazines are laid The library is open to the Kannadigas without distinction of caste or creed subject to rules and regulations framed by the conductors

Library and reading room is open on week days from 8 to 9 in the morning and from 6 to 7 in the evening On Sundays and holidays it is open from 9 to 11 A M

MAHARASHTRA MITRA MANDAL LIBRARY AND FREE READING ROOM

Lalbaug, Bombay 12

This Library aims at promoting a taste for reading amongst the working class people of Greater Bombay and has a fairly large membership All work is done by an honorary staff A handsome amount is spent annually on books and periodicals

Total number of books 3,963 (Marathi, English and Hindi) Daily visitors of free reading room 150 Annual expenditure Rs 1,850

MAHILA KALA NIKETAN

Gamdevi, Bombay 7

This Institution was founded in June 1946 by the Pathare Kshatriya Vaktrutwottejak Samaj to impart industrial education including tailoring, art, fancy works, embroidery and drawing and is open to all women irrespective of any caste or creed

It has been recognised by Government Educational and Industrial Departments and prepares students for Government Examinations

Chairman —Krishnarao Ramchandra Desai

Hon Secretary —Smt Lila Manick Pathare

Hon Treasurer —Madhav Anandrao Mhatre

MOGAVEERA FREE READING ROOM AND LIBRARY

Maneck Mansion, 8, Nanabhai Lane, Bombay 1

The institution was established to remove the lack of a free reading room and library for the Kanarese speaking residents in the Fort area It is an entirely free reading room and library There are available Kanarese and English newspapers and magazines The library consists of many selected Kannada and English books and new books are added every year

MOGAVEERA YUVAKA SANGHA

46, Vir Nariman Street Bombay 1

OBJECTS —To organise and unite the youths and to foster a spirit of brotherhood and solidarity, combat and uproot child marriage, dowry system, drink evils, etc , spread free education improve fishing industry, form co operative societies, encourage cottage industries, organise lectures, conferences, libraries, publish periodicals, books and magazines for the advancement of the society, work in general for the socio economic and cultural advancement

MOOLJIBHOY JIVRAJ KHOJA GENERAL READING ROOM AND LIBRARY

9, Dontad Cross Lane, Khadak, Bombay 9

President —Mahomed Umer Fakirmahomed Kokil MLA *Vice-President* —Husein Abdulkarim Mahomed, *Chairman* —Jaffer Hasham Bhagat *Vice Chairman* —Gulamhuscin Mahomed Sagir, *Hon Treasurer* Abdulrasul Gulamhuscin Nathani, *Hon Secretary* – Karmali Alimahomed Merchant

NUMISMATIC SOCIETY OF INDIA

Prince of Wales Museum, Bombay 1

The object of the Numismatic Society of India is to promote the study of the monetary issues and medals of India by the publication of documents and papers relating to Indian coins and medals, the encouragement of the collection and preservation of old coins and the advancement of historical research The Society is intended to be the co ordinating body which will promote the knowledge and regulate the study of Indian Numismatics The Society publishes a journal of its own *Chairman* - Dr A S Altekar, MA LIB, D Litt, Patna University Patna *Secretary* —R G Gyani, MA, Curator, Prince of Wales Museum Bombay

PARSEE GIRLS' SCHOOL ASSOCIATION

42 New Marine Lines, Bombay 1

This Association conducts two schools The Fort School is located in the premises endowed by the late Sorabjee Shapoorjee Bengalee, CIE, and the Chandanwadi School in the premises endowed by the late Nowroji J Gamadia The former is known as Bai Bhikhijee Shapoorjee Bengalee Girls High School and the latter as Bai Maneck bai Nowrosji Gamadia Girls High School, whose Principals are Miss D J Dastur, BA (Hons), STC and Miss R B Ichhaporia, BA (Hons) STC, respectively

PRESIDENT —Dr Dadiba Naoroji Saher

HONORARY TREASURER & JOINT HONORARY SECRETARY —Framjee Jehangeer Karaka

JOINT HONORARY SECRETARY — Nowroji J Gamadia

PARSEE LEKHAK MANDAL
(Parsi Writers' Association)

C/o Jehanbax Bomanshaw Vatcha, Tafti Building, South Frere Bridge, Grant Road, Bombay 7

The object of the Association is to promote the interests of Parsee writers, to foster unity amongst public writers and to discuss questions of public interest to the Parsi community and also questions of Gujarati literature

President —Pestanji P Kapadia, *Vice-President* —Dossabhoy M Gorwalla, *Honorary Secretary and Treasurer* —Jehanbax B Vatcha

PATHARE KSHATRIYA VAKTRUTWOTTEJAK SAMAJ

Gamdevi, Bombay 7

OBJECTS —To promote unity amongst the members of the Pathare Kshatriya caste, to improve their physical and intellectual status, to open libraries, to encourage Arts and Crafts, to promote the welfare of the caste, etc

PRESIDENT Krishnarao R Desai

VICE PRESIDENT —Pyarelal Shamrao Parulkar, B Sc LL B

HON GENERAL SECRETARY – Ganpat Vinayak Chemburkar

HON TREASURER —Madhav Anandrao Mhatre

PEOPLE'S FREE READING ROOM AND LIBRARY

Ravelin Street, Hornby Road, Bombay 1

This charitable institution was founded by the late Damodhar Gordhandas Sookhadvala, a benevolent citizen of Bombay, in 1891 It is open, free of charge, to the public without distinction of caste or creed subject to the rules in that behalf Besides a reading room, where local Indian and English newspapers and magazines are laid on the table, there is a well selected library which from time to time is enriched by new books in every branch of knowledge The reading room is kept open from 7 a m to 7 p m

Besides the main library at Fort, the Institution has two branch libraries one at Dhobi Talao and another at Dadar

Secretary and Chief Librarian —J S Jariwalla, B A, LL B

PRINCE OF WALES MUSEUM OF WESTERN INDIA

Bombay 1

Established under Act III of 1909 to commemorate the visit of the Prince of Wales (The late King George V) to India in 1905

Hours of Admission —The Museum is open daily to the public from 10 A M to 5 30 P M or 6 30 P M except Mondays Admission is free on all open days except Tuesdays and Thursdays, when a fee of 2 annas per person is charged

SHREE JAFRABAD KELAVANI UTTEJAK MANDAL

357, Kalbadevi Road, Bombay 2

Aims and Objects —To maintain, help and expand the existing educational institutions of Jafrabad in Kathiawar, to help poor students in Jafrabad, and outside to prosecute their studies *Mandal's Institutions at Jafrabad (Kathiawar)* Manordas Gangadas Purshotam Parekh and Delvadawalla Mehta Meghji Kanji Malji High School (From Std IV to VII), Parbhudas Punja bhai Premji Dandia Middle School (From Std I to III) Vidhyarthi graha, Free Circulating Library for Ladies, Seth Gopaldas Nathoo-bhai Ramji Vora Vyayamshala, Tribhovandas Mavjibhai Free Reading Room and Library

SIR DINSHAW MANOCKJEE PETIT GYMNASTIC INSTITUTE

359 Dadabhoy Naoroji Road Bombay 1

OBJECT —To promote the health and vigour of the youths of the city by imparting physical education

OFFICE-BEARERS —Sir Dinshaw M Petit, Bart, *President* K J Dubash, M H Engineer, *Hony Secretaries*, R M Cama, *Hony Treasurer*, H R Wadia, *Hon Supdt*

TRUSTEES —Sir Dinshaw Petit, Bart, V A Taraporewala, K J Dubash, Dr A S Kalapesi and D B Petit

SORAB F BHAROOCHA ARCHITECTURAL LIBRARY

(Under the auspices of the Indian Institute of Architects)

Prospect Chambers Annexe, 32 34, Dadabhoy Naoroji Road, Bombay 1

OBJECTS.—The diffusion of useful knowledge in Architecture by making accessible to members works of Architecture and Allied Arts and reviews, magazines, journals, etc

ANNUAL SUBSCRIPTION —Practising architects and engineers Rs 12, Architectural assistants Rs 3, Architectural students Rs 3 and persons interested in Architecture Rs 6

Members of the Indian Institute of Architects are allowed free use of the Library

PATRON —Mrs Coomi Sohrab Bharoocha

LIBRARY COMMITTEE FOR SESSION —J B Fernandes, ARIBA, (F) (*Ex Officio Chairman*), H N Dallas, FRIBA (F) S S Palshikar, ARIBA (A), L F Shroff, IRIBA (F) V R Kothare, ARIBA (A), (*Hon Secretary*), M N R Murthi (*Librarian*)

ST XAVIER'S COLLEGE TECHNICAL INSTITUTE

Cruickshank Road, Bombay 1

The Institute, founded in 1937, offers the following courses (1) General Radio Physics and Electrical Technology, (2) Radio Servicing Day and Evening Shifts, (3) Wireless Telegraphy Day and Evening Shifts (4) Diploma in Radio Engineering, (5) Sound Engineering, (6) Cine Projectionist, (7) Grad Brit I R E, (8) Engineering Drawing

The Director of Technical Education, Bombay State holds final and intermediate examinations for the first six courses and awards Diplomas and Certificates to successful candidates The Ministry of Communications holds the C O C examinations in Wireless Telegraphy in this Institute twice every year

Rev M M Balaguer, S J (*Principal*), Rev R Conesa, S J (*Director*), Rev J Coll, S J (*Asst Director*), Rev A Conti, S J (*Treasurer*)

STUDENTS' LITERARY AND SCIENTIFIC SOCIETY

Nowroji Sheth Street, Thakurdwar, Bombay 2

The object of the Society is the dissemination of knowledge among the people of this country by the establishment of schools, especially girls' schools

Among the founders were Dadabhoy Nowroji, Narayan Dinanath Velkar, Ardeshir Framji Moos, Mahadeo Govind Shastri, Rao Bahadur Damodar Palande and Rao Saheb Narayan Vishwanath Mandlik

The Society is conducting 1 A Girls' High School, 2 Dr Bhau Daji Middle School and 3 Jagannath Sunkersett Vernacular School for girls

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

(*See under Educational Institutions*)

TECHNOLOGICAL LABORATORY

(Indian Central Cotton Committee)

Adenwalla Road, King's Circle, Matunga, Bombay 19

Director —Dr C Nanjundayya, M Sc, Ph D (Manch), F T I

Senior Research Assistants —N Harirao, M Sc, Dr Amarnath Gulati, M Sc, Ph D, Dr R L N Iyengar, D Sc

Spinning Master —V V Gupte, B Sc, Tech (Manch), B Sc

Statistician —V Venkataraman, M A

Junior Research Assistants —K S Bhujang, M Sc, Dr S Rajaraman, D Sc, F Inst P

Head Tester —H B Joshi, B Sc

Head Clerk and Accountant —M T Majmudar

THE P E N. ALL INDIA CENTRE

Indian Branch of the International P E N Club of leading poets, playwrights, editors, essayists, novelists

OBJECTS —To promote friendliness among writers everywhere, to uphold freedom of speech and to foster national cultural unity by spreading appreciation of the Indian literatures outside their own linguistic areas, by means of public lectures, *The Indian P E N* and a series of P E N books on the Indian Literatures and Writers' Conferences

The P E N All India Centre has headquarters at "Aryasangha", 22, Narayan Dabholkar Road, Malabar Hill, Bombay 6

PRESIDENT —Dr S Radhakrishnan

VICE PRESIDENTS —Syed Sulaiman Nadvi, Jawaharlal Nehru, Vallathol Narayana Menon

HON SECRETARY-TREASURER —P G Shah

FOUNDER AND ORGANISER IN INDIA AND EDITOR, *The Indian P E N* —Sophia Wadia

THE THEATRE GROUP

89, Bhulabhai Memorial Institute,

Bhulabhai Desai Road, Bombay

The Group is open to all those interested in the theatre who are willing to work for it Annual subscription Rs 12 (Entrance fee Rs. 5)

Objects —To present the classics of the Western drama in English to Indian audiences, with all the resources of modern stage technique, To provide training in acting, production methods, stage movement, speech, lighting, decor and choreography, To stimulate interest in literature and the visual arts, To set a standard in Indian language productions It has a Hindi unit, which also undertakes to translate European plays and to produce them

It has its own Workshop at which sets are built and costumes prepared

The Group publishes a monthly journal, the "Theatre Group Bulletin" (Annual subscription Rs 3)

President —Nizzim Ezekiel

Vice President —Pheroza Cooper

Director of Drama Courses —Ebrahim Alkazi

THEOSOPHY COMPANY (INDIA) LIMITED

51, Mahatma Gandhi Road, Fort, Bombay

The objects for which the Company is established are to promote, inculcate and propagate the doctrines of Theosophy, and to do all things conducive to the advancement of Theosophy, *e g*, to hold meetings and classes, to print, publish, edit and circulate books and magazines, and to accept any funds for the purposes of the Company and to hold and apply the same according to the character thereof for the purposes of the Company

Hon Secretary —N A Subramaniam

UNITED LODGE OF THEOSOPHISTS

51, Mahatma Gandhi Road, Bombay 1

The policy of this Lodge is independent devotion to the cause of Theosophy, without professing attachment to any Theosophical organisation

It holds that the unassailable BASIS FOR UNION among Theosophists, wherever and however situated is SIMILARITY OF AIM, PURPOSE AND TEACHING, and therefore has neither constitution nor bye-laws nor officers, the sole bond between its associates being that basis It aims at disseminating this idea among Theosophists in the furtherance of unity, and is devoted to the following three objects —

1 To form the nucleus of Universal Brotherhood of Humanity, without distinction of race, creed, sex, caste or colour
2 The study of ancient and modern religions, philosophies and sciences, and the demonstration of the importance of such study
3 The investigation of the unexplained laws of nature and the psychical powers latent in man

VANI VIHAR SANSKRIT MAHAVIDYALAYA

Choksey Bhavan, Bhimani Street, Opp Nappoo Gardens, Matunga, Bombay 19

This research institute of oriental learning offers free tuition in all branches of Sanskrit literature and Indian philosophy, *viz* poetry, dr ma, poetics and grammar, six systems of philosophy with special emphasis on logic and Vedanta Dwaita, Adwaita, Visishta-dwaita, Dwitadwaita and Suddhadwaita

Discourses on Upanishads, Ramayana, Mahabharatha, Bhagavata and Bhagavatagita, held under the auspices of the Vidyalaya, in English, Kannada and Marathi are attended by highly cultured people Sanskrit classes for B A, M A and Ph D students and Hindi classes for Visharada and Sahitya Ratna students are conducted Congregational prayers and bhajans on Thursday and Saturday evenings between 6 and 8 p m In addition the Vidyalaya is conducting a Medical Relief Centre in the charge of Vaidyaraj M. G Nandnikar

Founder Principal —Nyayavedanta Vidwan M R Gopalacharya, M A

Hon Secretaries —H S K Rao, S Pandurang Rao

VICTORIA AND ALBERT MUSEUM

Victoria Gardens, Byculla, Bombay

Founded in 1855, during his term of office by Lord Elphinstone, for the purpose of establishing an Economic Museum, illustrating the raw products of Western India, and the methods of converting them into manufactured articles and to gather a collection of Natural History specimens First located in the mess room of the old town barracks, removed on the outbreak of 1857 to the Town Hall and finally in the year 1872 to the present building after its completion at a total cost of Rs 3,59,838

The collection in the Museum is mainly divided into divisions of Art, Agriculture, Ethnology, Industry, Numismatics, Painting, etc

A collection of prints connected with the topographical history of Bombay comprising engraved views taken from the drawings and sketches made in the 17th and 18th centuries and photographs taken in the last century are on view

The Museum is open to the public as follows —On Sunday from 8.30 A M to 5 30 P M On Monday the Museum is entirely closed to the Public On other days of the week the Museum is open from 10 30 A M to 5 30 P M (Standard Time) On Wednesdays it is open to Ladies and Children Admission fee of ½ anna for every visitor above 12 years of age is charged on Sundays, Fridays and Public Holidays (Wednesdays excepted)

The Victoria and Albert Museum Library has a good number of books on Archaeology, Art, Ethnology, Geology, History, Numismatics, Museology, Paintings, Religion and Philosophy and some books on miscellaneous subjects There is a fairly large collection of books dealing partly or in whole with Bombay The Reference Section of the library is fairly representative

Curator —Dr S C Upadhyaya, M A , LL B , D L , Ph D

Museum Asst —L B Sammant

Museum Artist —M K Chaudhari

Assistant Museum Artist —V T Savant, G D Art

WRITERS' EMPORIUM LIMITED

People's Building, Pherozshah Mehta Road, Bombay 1

Founded in 1947 for promoting the cause of amateur writers and artists and bringing out such publications as are necessary for the general uplift of the masses and also inspiring cultural, social and spiritual outlook among the general public

Managing Director —S B Mossaphir
Field Director —K I Dean
Secretary —Kumari D P Munshi

YOGA INSTITUTE

Headquarters, Santa Cruz, Bombay 25

The Yoga Institute was founded in 1918 by Shri Yogendra Its pioneer activities and researches have been partly responsible for practical Yoga renaissance and also for international acknowledgments in favour of the Science of Yoga It conducts academic and scientific researches, a central Yoga library, an academy, the Yoga health clinic and sanitarium, besides publishing Yoga books and the journal *Yoga*

Secretary —Smt Sitadevi

OTHER RESEARCH SOCIETIES

FORBES GUJARATI SABHA
365, Vithalbhai Patel Road, Bombay 4

GUAN PRASARAK MANDAL
136, Apollo Street, Bombay 1

GUJARAT SAHITYA SABHA
Three Gates, Ahmedabad

GUJARAT VIDYAPITH
Ahmedabad 9

PARSI LEKHAK MANDAL
136, Apollo Street, Bombay 1

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MISSIONARY AND RELIGIOUS SOCIETIES IN BOMBAY

AHMADIYYA MOVEMENT

Local Branch —17 Club Back Road, Bombay 8

Founder —Hazrat Mirza Ghulam Ahmad of Qadian, the Promised Messiah & Mehdi (1835 1908)

Head of the Movement —Hazarat Mirza Bashiruddin Mahmud Ahmad, Khalifatul Messiah—II

Headquarters —Qadian, Dist Gurdaspur, Punjab, India

Activities —Revival and Propagation of Islam

Missions —Throughout India and Pakistan, and in the following foreign countries —England Germany, France Spain, U S A, Sumatra, Java, Siam, Straits Settlement Ceylon Palestine, Egypt Africa Mauritius Persia, Gold Coast, Indonesia, Seira Leone, etc, etc

Newspapers & Periodicals of the Community —(1) "The Alfazal" Daily in Urdu issued from Lahore Pakistan (2) "The Sunrise" English Weekly issued from Lahore Pakistan (3) 'The Review of Religions' English Monthly issued from Lahore, Pakistan (4) The Al Islam" English Quarterly issued from U S A, etc

Important Books —(1) Of the Founder in Urdu —(a) Baraheen-E Ahmadia in 5 volumes, (b) Haqiqatul Wahi (c) Aina Kamalat-e-Islam (d) Khutba Ilhamia—the revealed sermon, (e) Izala e Auham and 75 other books in Urdu, Arabic and Persian (2) Of the present Head of the Community —(a) Tafsir e Kabir (in many volumes), (b) Ahmadiyyat or True Islam and many other books

AMERICAN MARATHI MISSION

Byculla, Bombay

(Under the American Board of Commissioners for Foreign Missions Boston, Mass, U S A)

The American Marathi Mission is the oldest American Mission in India Its constituency is the Congregational Christian Churches of the United States

Evangelistic educational medical social industrial and agricultural work is carried on in 7 stations and 106 outstations In July 1953 there were twenty three foreign missionaries

OFFICERS *Chairman* Rev P V Gaikwar Wai Satara Dist, *Secretary* - Rev R W Fairbank Hartford, Sholapur *Treasurer* — C Ross Thomas Inter Mission Business Office, 364, Dadabhoy Naoroji Road Bombay

ANJUMAN-I-FAIZ I-PANJETANI

69, Samuel Street, Bombay 9

The aims and objects of Anjuman i Faiz i Panjetani are to render service to pilgrims to the Hedjaz, Iraq, Iran, etc, in getting passports and tickets for them, in helping them in boarding and landing from the ships and railway trains, looking after their luggage, etc, and making such other arrangements through branches and agencies as would ensure convenience and comfort to pilgrims throughout their journey to places of pilgrimages

PRESIDENT —Haji Hasanally P Ebrahim

HON JOINT SECRETARIES —Dr R C Nathani and Haji Rajabally P Ebrahim

HON TREASURER —Esmail Abdulkarim Panjoo

HON AUDITOR —Yusufally Cassam Chinwala

MANAGER —Sherally Virjee Canadia

BIBLE SOCIETY OF INDIA AND CEYLON

Clare Road, Byculla, Bombay 8

The aim and object of this Society is to publish and propagate the Holy Bible without note or comment in all languages The Bible has been translated into more than one thousand languages and is sold below cost to enable poor people to possess a copy, and this is made possible by contribution from Christians all over the world

President —The Rev Principal James Kellock, M A, D D

Secretary & Treasurer —Rev W Park Rankin

BOMBAY SPIRITUAL CENTRE

Wassoodew Bhuvan,

2, Laburnum Road, Gamdevi, Bombay 7

Founded in 1941 June and based on the ideals of Universal love, and unity and equality of religions The Centre is open to spiritual aspirants and seekers of all creeds, faiths and communities There is no membership as such, and there is no subscription to pay

Discourses by eminent saints or savants on purely spiritual subjects, group prayers, meditation, namsankirtan and bhajan are regular features

BOMBAY ZOROASTRIAN JASHAN COMMITTEE

Navsari Building, Dadabhoy Naoroji Road, Bombay 1

Objects of the Committee are —To promote devotion amongst Parsi Zoroastrians for their religion, respect for ancient Iranian culture and to spread amongst them notions of a Holy life in accordance with the fundamental teachings of their scriptures, favour of a harmless vegetarian diet

The Committee also takes keen interest in diffusing Zoroastrian religious instruction to the young

PRESIDENT —Lt Col Rustom M Khareghat, I M S (Retd)

HON SECRETARY —Khan Saheb Burjorji Dadabhoy Mehta

HON TREASURER —Sohrab Hirjibhoy Batlivala

BUDDHA SOCIETY

Nair Building, Lamington Road, Bombay

The Buddha Society was started in 1921 with the object of promoting the study and comprehension of the life and teachings of Lord Buddha and forming a meeting ground of all who love and revere him

MEANS OF ATTAINING THE OBJECTS —(1) Fortnightly classes, (2) Study classes, (3) Public lectures (4) Issuing pamphlets and leaflets for free distribution, (5) Supplying books on Buddhism at cost prices to members, (6) Editing Pali texts into the Devanagari characters and translating Pali books into Marathi, Gujarati and English, (7) Starting a library of books on Buddhism and allied religions and a reading room (8) Conducting a journal of the Buddha Society and (9) Celebrating every year the Thrice Sacred Day of Lord Buddha on the full moon day of Vesakh

Lectures are delivered in the Ananda Vihara near Bombay Central Station, Nair Hospital Compound, Lamington Road

The Society publishes a quarterly journal entitled the 'Buddha Prabha

CHRISTIAN SCIENCE SOCIETY

31, Murzban Road Bombay 1

The Society holds Sunday morning services at 10 30 and Wednesday evening Testimony Meetings at 6 30 Its services and the Reading Room are open to all

The mission of Christian Science is to spread scientific Christian healing as demonstrated by Christ Jesus in the destruction of sin, disease and death Its Science is based on the Bible as interpreted in SCIENCE AND HEALTH WITH KEY TO THE SCRIPTURES by Mary Baker Eddy

CHURCH MISSIONARY SOCIETY

Mission House, Proctor Road, Girgaum, Bombay

MEMBERS OF THE BOMBAY CORRESPONDING COMMITTEE

The Right Rev The Bishop of Bombay (*Chairman*) Miss M C Wilson, B Sc Rev Canon C A Bolton C A Christie, B A, D L Wasker, Rev A B Bhalekar, Rev H G Salisbury

Secretary —Rev H G Salisbury

The Office of the Parent Society is in Salisbury Square, Fleet Street, London E C 4

I —*Bombay*, 1820

Emmanuel Church —Proctor Road

Marathi Mission —Rev V M Gadre

Gujarati Mission —Rev P B Parmar, M A, B T

Robert Money School —C A Christie, B A, B T

II —*Poona*, 1882

St Helena's and St John's Schools —Miss M C Wilson, B Sc, Rev A B Bhalekar, Rev G Devabhushanam and Rev V A. Kulkarni

III —*Bhil Mission*

Rev P H Johnson and Mrs M. Johnson, F.R C S, Miss M L Kirk, Miss G M Smith

Lady Missionaries —Miss W B Holdom, Miss E Jorgansen

Indian Pastors —Rev G Bhanat, Rev V. S Pandav

C M S Representative, Bombay Diocese —Rev H G Salisbury

IRISH PRESBYTERIAN MISSION, 1949

HEAD OFFICE —Church House, Belfast, Northern Ireland

CHAIRMAN — Dr J Stevenson Surendranagar

SECRETARY —J C Watson, Borsad, Dist Kaira

TREASURER —Rev H P Cromie, Surat

STATIONS —Rajkot, Bhavnagar Wadhwan, Ahmedabad, Parantij, Anand, Borsad, Cambay Broach, Surat, Dohad, Jhalod, Morwa, Santrampur and Lunawada

JUMA MASJID

Janjikar Street, near Crawford Market

The Juma Masjid, one of the premier mosques in western India, was constructed in the 17th Century on a tank and is situated at Janjikar Street, near Crawford Market The Mosque in question is of Shafai Sect, rich in monument of great architectural merit

The Juma Masjid and its Allied Charities are managed by a Board of Trustees called The Directors under a scheme

The Allied Charities are as follows —

(1) Muhomedan Cemetery at Queen's Road (2) Madresa e-Muhammadiah in Juma Masjid and its branch in Masjid Street (3) Masaleh e Umoor e-Muslimin, a fund for helping poor Muslims (4) Free Public Library

Superintendent —Shaikh Muhammad Khatkhatay, J P, B A, LL B, Solicitor, Hon Presidency Magistrate

MISSIONARY SETTLEMENT FOR UNIVERSITY WOMEN

Reynold s Road, Byculla, Bombay

The M S U W is engaged in missionary and educational work in Bombay City It maintains a hostel for about 60 women students attending the various colleges in Bombay

STAFF —Miss E Watts *Warden* Miss D Hunt, B A (Lond)

NORTH-WESTERN INDIA UNION MISSION OF SEVENTH DAY ADVENTISTS

HEADQUARTERS ADDRESS 16, Club Road, Byculla, Bombay

PRESIDENT Pastor A I Jesson

SECRETARY AND TREASURER Robert L Juriansz

North India Mission Headquarters, Cantonment Road Jullundur
DIRECTOR —Faqir Chand

Upper Ganges Mission Headquarters, 23, Curzon Road New Delhi
DIRECTOR —T R Torkelson

West Central Mission Headquarters, Nehru Chowk Aurangabad
DIRECTOR —S L Khandagale

South Maratha Mission Headquarters, Shahupuri, Kolhapur
DIRECTOR —M D Moses

SCHOOLS AND HOSPITALS IN NORTH WESTERN INDIA

Spicer Missionary College, Aundh Road, Kirkee PRINCIPAL — I D Higgins

Salisbury Park Elementary School, Salisbury Park, Poona
PRINCIPAL —A M Job

North Maratha Elementary School, Lasalgaon, Nasik District
PRINCIPAL —D H Skav

Surat Mission Hospital of Seventh day Adventists, Nanpura, Surat

Simla Sanitarium and Hospital, Carton House, Simla

South Maratha Elementary School, Hatkanagale, Kolhapur Post
PRINCIPAL —S S Pandit

Roorkee Training School, The Retreat, Roorkee, U P
PRINCIPAL —C H Tidwell

Hapur Mission School, Hapur, U P PRINCIPAL —G J Christo

PARSI VEGETARIAN AND TEMPERANCE SOCIETY

Noble Chambers No B, Parsi Bazar Street, Bombay 1

OBJECTS—To promulgate among the Parsis knowledge concerning Vegetarianism, Temperance and the Law of Righteousness in general as taught by Zarathustrianism, by means of public meetings, free literature and a free reading room and library and periodical missions to places in India inhabited by Parsis

To perform the sacred Jashan ceremony every month

To perform the rituals of past members under the Anusheh Ravan Members ritual scheme

PRARTHANA SAMAJ

Girgaum, Bombay

The Bombay Prarthana Samaj is a religious body whose faith is founded on the essential belief in One God who is without form and all pervading, and in the Brotherhood of man The principles of its faith are in essence the same as those of the Brahmo Samaj which was founded in Calcutta by Ram Mohan Roy The Prarthana Samaj was founded in 1867, and on March 31, 1951 it completed 84 years of its existence Among its founders were Dr Atmaram Pandurang, W B Nawrange, Dr R G Bhandarkar and others, and among those who gave the Prarthana Samaj and its Faith a definite form could be mentioned Justice M G Ranade, and Sir Narayan Chandavarkar

The Prarthana Samaj holds weekly Divine Services on Sundays and organises missionary activities for the spread of its Faith in the State of Bombay It also conducts educational and charitable activities through the following institutions which are managed by the Samaj 1 W B Nawrange Orphanage, Pandharpur, 2 D N Sirur Home for Boys, Vile Parle, 3 Ram Mohan English School, Girgaum, 4 Ram Mohan English School No 2 Dadar, 5 Chandavarkar Primary School, 6 Sunday School, 7 Dr Bhandarkar Free Reading Room Library and Book Room 8 The *Subodha Patrika*, an Anglo Marathi Weekly

MANAGING COMMITTEE —Sir V N Chandavarkar, *President*, P B Madgavkar, *Vice President* and others

RAMAKRISHNA MISSION ASHRAM

Khar, Bombay 21

The Ramakrishna Mission, founded in the year 1897 by Swami Vivekananda, is a Neo Hindu religious movement with the object of promoting inter communal amity, inter racial concord and international fellowship Ramakrishna the master of the great Swami, was the embodiment of harmony of religions In this age of clash and conflict of cultures the Mission has been emphasising the unity of religions Service of humanity is the service of God—is the motto of the Mission The Mission has more than one hundred and fifty Centres all over India Burma, Ceylon and Federated Malay States, Europe, North and South America The Bombay Branch of the Mission started in 1923, at Khar has been conducting religious lectures and classes both in the city of Bombay and its suburbs It runs an out door charitable dispensary a students home to supplement university education free reading room and library on non sectarian principles looked after by a Committee

President - Swami Sambuddhananda *Hon Secretary* - S R Vakil

SOCIETY OF THE ALL SAINTS SISTERS OF THE POOR

Mazagaon

The Society is a Community dedicated to a life of prayer and service and living under the vows of poverty chastity and obedience Occupied with Mission work and the care of orphan children The Mother House, St Albans, Herts, England

PRINCIPAL INSTITUTIONS IN INDIA —All Saints Convent, Mazagaon, Bombay (type of work—Orphanage, Indian Hostel, European Hostel, Needlework and Weaving rooms, Church Embroidery, Altar Breads Parish visiting among Anglo Indians and Indians) Incharge, The Mother Provincial

SOCIETY OF ST JOHN THE EVANGELIST

The Society of St John the Evangelist (Cowley Fathers) is a community of priests dedicated to a life of prayers and service and living under the vows of poverty, chastity and obedience It occupies itself with missionary and educational work The Mother House of the Society is at Cowley St John, Oxford The centre of its work in Bombay is at St John s Mission House, 42, Mazagaon Road

PRINCIPAL INSTITUTIONS —St Peter s Church, Mazagaon (English), Holy Cross Church, Umarkhadi (Marathi), St Peter s Hostel and St Peter's School for Europeans and Anglo Indians and St Paul s Hostel for Indians

SPIRITUAL ASSEMBLY OF THE BAHA'IS OF THE CITY OF BOMBAY.

P O Box No 470, Bombay 1

Administering the religious affairs of the Baha'is Community of Bombay

Objects —To establish universal peace and the oneness of mankind in co-operation with fellow Baha is in 128 other countries through the spiritual principles of the world religion proclaimed by Baha u llah in 1863

SPIRITUALIST DEVELOPMENT AND HEALING CIRCLE

Kalam Kutir, 211/219, Frere Road, Bombay

The Circle was founded in 1947 by Dr Fram D Nasikvala with the help of many distinguished persons Its objects are to help those who desire to develop psychic power and to give relief to those who are ailing

The President Dr Nasikvala conducts the Healing Centre on every Tuesday and Friday between 2 and 5 p m and Development on every Friday at 6 30 p m , after which Seance is held

There are many distinguished citizens who are on the Advisory Board and would invite prominent foreign mediums to infuse interest into the Science of Life after Death The Centre also would like to investigate and do research in supernatural phenomena

ST JOSEPH'S CONVENT

Bandra, Bombay 20

This Institution, conducted by the Daughters of the Cross of Liege, Belgium, comprises —

1 An Anglo Indian High School (Boarding and Day) The building is one of the finest and most up-to date in the State Pupils are prepared for the Cambridge Local, Trinity College of Music, and Bombay School of Arts Examinations and S S C

2 An English Teaching High School (Boarding and Day) Pupils are prepared for Bombay S S C Examination

3 An Orphanage Primary School

THEOSOPHICAL SOCIETY

Blavatsky Lodge, French Bridge, Chowpatty, Bombay

Theosophical Society founded in 1875 and having its headquarters at Adyar, Madras is a body of seekers after Truth, striving to serve humanity on spiritual lines Its three declared objects are —To form a nucleus of the Universal Brotherhood of Humanity, without distinction of race, creed, sex, caste or colour , To encourage study of comparative religion, philosophy and science , To investigate the unexplained laws of nature and powers latent in man

It is the first Lodge in India, founded in 1879, having a good library and a book-depot

ZENANA BIBLE AND MEDICAL MISSION

Proctor Road, Bombay

This is a missionary society organising medical, educational and evangelical work in this country It includes among its agencies Vernacular, European and English Teaching Schools, also hospitals

ZOROASTRIAN RADIH SOCIETY

Noble Chambers, No B, Parsi Bazar Street, Bombay 1

OBJECT —To undertake all kinds of Radih works for the benefit and welfare of the Parsi Zarthoshti Community, *viz* to undertake the performance of Zoroastrian religious rituals and ceremonies, organize and settle Zoroastrian Tarikat Colonies in suburbs, promote and encourage agricultural and horticultural works and farms, foster home industries, establish educational institutions and free libraries, promulgate the Fasli movement and knowledge about the Right Line of Zoroastrian Calendar commencing the year from Jamshedi Navroz which falls on the Christian date, the 21st of March, to own and conduct Printing Press

CHURCHES IN BOMBAY

CHURCH OF ENGLAND

DIOCESE OF BOMBAY

Bishop of Bombay (St John's House, Duxbury Lane, Colaba) —The Rt Revd William Quinlan Lash, M A

Archdeacon of Bombay (Christ Church Parsonage, Byculla, Bombay) —The Ven Alan Sydney Harvey Johnson

Registrar of the Diocese of Bombay (C/o Little & Co , Central Bank Building, Esplanade Road) —Chas Grundy

ALL SAINTS' CHURCH

Malabar Hill, Bombay 6

This charming little sanctuary stands in an open garden of half an acre, in an ideal spot surrounded by palm trees, tropical foliage, etc the Church was consecrated by the Right Rev Louis George Mylne, D D , Bishop of Bombay, on January 16th, 1882

SERVICES —Sundays, Holy Communion 8 a m Other Services as announced

CHAPLAIN —The Rev Canon Arnold Bolton

CHRIST CHURCH

Clare Road, Byculla, Bombay

This Church, the second oldest in the Island, was originally erected as a proprietary Episcopal Chapel and opened for Divine Service on August 10th, 1833 It was consecrated on December 22nd, 1835, by Bishop Daniel Wilson, D D , first Metropolitan of India and Ceylon and became a parochial charge Many improvements have been made from time to time, notably the raising of the Sacrarium from dead floor level, with marble steps and paving

SUNDAY SERVICES—7 0 a m Holy Communion (Plain), 8 30 a m Holy Communion (Choral), 5 15 p m Sunday School, 6 30 p m Evensong and Sermon

WEEKDAY SERVICE—Holy Communion daily 7 30 a m

MATINS—Daily half an hour before Holy Communion

CHURCH OF SAINT JOHN THE EVANGELIST

Colaba

Afghan Memorial Church

The Church serves the civilian population as well as the Services personnel of Bombay Since the closure of the Indian Ecclesiastical Department and the cessation of Government Grants, the Church is maintained by voluntary contributions

SERVICES Sundays, Holy Communion, 7 a m and 8-15 a m Morning Prayer, 7 45 a m Evensong and Sermon, 6 30 p m Sunday School and Junior Bible Class, 5 p m Mondays to Saturdays, Holy Communion, 7 30 a m Adults' Bible Class, Wednesdays, 7 p m

CHAPLAIN The Reverend F D P Halliwell (Telephone 35217)

CHURCH OF ST MARY THE VIRGIN

Parel, Bombay.

The land on which this Church stands, with the adjoining plot afterwards added for a Parsonage, were both given by Government, and the two Railway companies together filled up the swampy Church portion to road level The Church was consecrated on December 4th, 1884, by the Right Rev L G Mylne, D D The building consists of a nave, transept, chancel with apsidal termination, Chapel on the south and Vestry on the north sides, whilst a fine terraced and arcaded cloister-porch is a striking feature of the west front, and in this are several mural tablets to Lady Fergusson and others Massive tower added 1906 A white marble Gothic Font was the gift of the children of the Parish The silver Communion Service and Alms dish were presented by W Hartridge of the then B B & C I Railway, Brass Candlesticks by Judge Pinney, Cross by Mrs Atkinson, the Organ by Sir James Fergusson in memory of Lady Fergusson, an Episcopal Altar Chair by the Central Railway, Great Bell by the two Railway Companies, Altar desk by Rev H Gundry, Altar Chair by S G Sarjant Lecturn by Mr and Mrs L J P Holland and G H Kitching Altarcross, candlesticks and credence table in the side chapel are the gifts of Mr and Mrs C H Bell in memory of their son George Hubert Bell, lost at sea, October 16th, 1940

EMMANUEL CHURCH

C M. S House, Proctor Road, Girgaum Bombay

This Church, which is in connection with the Church Missionary Society lies to the east side of the Western Railway about 200 yards south of Grant Road and was opened for Divine Worship in 1868 Two transepts have since been added and a picturesque belfry of cutstone work surmounted by an Iron Cross relieves the exterior north front In 1885 a fine terraced porch was added at the west entrance and an Organ Chamber was pierced at the east of the north transept by C E G Crawford, as a memorial to his wife

CLERGY *Marathi* —Rev Canon V M Gadre
Sunday Services English—7-30 a m Holy Communion
Marathi Service —Sundays 10 a m
Gujarathi Service— 1st Sunday of the month 3 30 p m

HOLY CROSS

Umarkhadi, Bombay

This handsome Church stands on a commanding site not far from the Sir Jamsetji Jeejibhoy Hospital, and took the place of a Mission Room formerly in use It was opened on December 1st, 1898, and was afterwards dedicated by the Right Rev James MacArthur, D D on 13th July 1899

The services are conducted in Marathi by an Indian Priest, the congregation numbering about 700 souls Behind the Church are quarters for the Indian Christian families

The Golden Jubilee of this Church was celebrated in Sept 1949

HOLY REDEEMER CHURCH

Dadar

There are in the parish over 500 souls It is a very scattered parish

CLERGY The Rev B G Bhonsle

ST NICHOLAS' CHURCH

Nicol Road, Ballard Estate, Bombay

CLERGY —The Rev Robert Barlow

ST PAUL'S HINDUSTANI CHURCH

Bellasis Road, Byculla, Bombay 8

9 30 A M Sunday Divine Service

7 15 P M Thursday Open Air Public Meeting

6 00 P M Monday, Tuesday, Wednesday, Friday—Free Hindi Classes for all

A truly National Church under purely Indigenous Leadership carrying on through Hindustani, Spiritual, Social, Cultural and Charitable activities, for and by the help of General Public, under the guidance of the following Panchayat elected for the year

Minister and Chairman J S Williams M A , C T M R S T (England) *Honorary Secretary* P K Ramball *Hon Treasurer* J M Jacob *Members* S V Sable , Daniel Mahabir Miss G R Tyall, B P N A , Sister, Mrs S Hurry Mrs A D Williams B P N A , Qabil (Wardha), C T (Bombay) and Dr (Miss) E Nawalkishore, M B B S, M R C S (England), L R C P (London)

ST STEPHEN'S

Bandra Hill, Bombay

The situation of this little House of God is very charming, overlooking the Arabian Sea with its peaceful "God s acre" The exterior is plain and it is a twin edifice to St Paul s Matheran, with a spacious porch, a small nave, three transepts, in the easternmost of which is placed the Altar, and a vestry abuts on the south side, whilst at the west end is a small turret The Church was consecrated by the Right Rev John Harding, D D , on December 26th, 1853, and the Baptismal Register commences in 1856 The Parish of St Stephen's, Bandra, is combined with that of St Mary the Virgin, Parel

ST THOMAS' CATHEDRAL

Vir Nariman Street, Bombay 1.

The first scheme for building a Church on the Island of Bombay originated in 1675, the English Services then being conducted in a Hall in the Castle Money was collected, but though the Church was

commenced, it never got higher than fifteen feet In 1715 the Reverend Richard Cobbe appealed to have this stigma removed, and on Christmas Day, 1718 the church was opened with great rejoicings In 1814 Bombay had been made an Archdeaconry of Calcutta and on 7th June 1816 the church was consecrated with all due solemnity by the Right Rev Thomas Fanshaw Middleton, D D In 1837 Bombay was created a Bishopric, and in 1838 on the enthronement of Dr Carr, the first Bishop it was notified to be the Cathedral Church of the See under the dedication of St Thomas the Apostle The present pinnacled tower was erected consisting of a lantern standing upon a square tower at its base the whole rising 146 feet from ground level and containing a clock with three small quarter bells each suitably inscribed There are two Silver Chalices of particular interest, one being the gift of Governor Gerald Aungier whilst the other's history is bound up in mystery and is inscribed The gift of the Greenland merchants of the City of York 1632 In 1867 68 the present beautiful chancel and organ chamber were constructed, the first stone being laid by Sir Bartle Frere It ceased to be a Government maintained Church on 31st March 1948, and is now maintained by voluntary contributions

Rev Canon C A Bolton, Chaplain

TRUSTEES —The Chaplains — I V Jacob G D Borot and Mrs W Burton Treasurer W Jenkins, Organist and Choir Master Charles Velu B Sc A R C M

Services are held on Sundays at 7 a m, 8 45 a m (sung) 6-30 p m The Holy Communion is celebrated on all Sundays at 7 a m and 8 45 a m

CHURCH OF SCOTLAND—BOMBAY STATE

THE SCOTS KIRK, BOMBAY

11, Waudby Road, Bombay 1

The Scots Kirk, Bombay is an overseas Parish of the Church of Scotland The present building dates from 1819 In 1938 it was enlarged and renovated after the union of St Andrew's Church with St Columbia's Church on Waudby Road and air conditioned It is now one of the finest Church buildings in the city The furniture incorporates designs from the carved stones on the Holy Island of Iona The massive Silver Communion Service was given by the East India Company in 1819, and is of thistle shape and design and there are many memorials to former ministers and members on the West Wall of the Church

Services are at 9 30 a m and 6 30 p m Holy Communion is celebrated at Christmas, Easter, and on the first Sundays of February, May August and November

WESTERN INDIA MISSION OF THE PRESBYTERIAN CHURCH IN THE U S A

Inter Mission Business Office, Box 92 Bombay

THE CHURCH OF SCOTLAND MISSION

The overseas mission work of the Church of Scotland is directed by a committee appointed by the General Assembly of the Church called the Foreign Mission Committee The offices of the F M C are at 121 George Street Edinburgh

The work of the Scottish Missions in India dates from 1823 and takes the form of evangelism medical educational and welfare work It is now being carried on in association with the independent United Church of Northern India and the Church of South India at various places in Bengal, Santalia Eastern Himalayas Punjab Rajasthan Western India Hyderabad Nagpur and Madras

General Secretary Men's Section The Rev J W C Dougall M A D D *Women's Section* —Miss Isa Burns Brown

NON-CONFORMIST CHURCH

AMBROLI CHURCH

Girgaum, Bombay

The Ambroli Church, formerly supported by the United Free Church of Scotland Mission, was founded by the Rev John Wilson, D D the renowned missionary The first worship of the congregation, was held on 4th February, 1831, in the Ambroli House, the residence of Dr Wilson, in which is now housed the Girgaum Post Office The Church is now self supporting and is under the United Church of Northern India

It is a fairly large building with a beautiful belfry It stands on Vithalbhai Patel Road halfway between C P Tank and Prarthana Samaj

In the Church compound is the Manse, and a hostel for working class Christian young men

Sunday Service (Marathi) 5 P M

MINISTER —Rev P K Uzgare Ambroli Manse, Bombay 4

BAPTIST CHURCH

Opp Colaba Post Office, Colaba

The church has been on the present site since 1911 when it was moved from Byculla

MINISTER —Reverend James Cross, TREASURER —W J Baker, SECRETARY —F M W Harrison

Sunday School at 9 a m Church Services at 10 a m and 6 p m

METHODIST CHURCH

Bombay

The Methodist Church has been established in the City since 1887 and has the following centre

Wesley Church The Causeway This Church is in charge of the Rev I I Thorne, B C E Wesley House 62 Causeway Fort I Services on Sundays at 10 00 A M and 6 30 P M

METHODIST CHURCH IN SOUTHERN ASIA

Robinson Memorial Byculla Bombay

RESIDENT BISHOP Rt Rev John Abdus Subhan B A, B D D D

DISTRICT SUPERINTENDENT —Rev James B Satyavrata

FINANCIAL AGENT Rev James B Satyavrata

CONFERENCE SECRETARY —Rev Stanley Downes, G Th (Taylor Memorial)

CONFERENCE TREASURER Rev M I Bethel (Centenary Church)

BRANCH TREASURER Rev W W Bell B D, M B A

CHURCHES

Bowen Memorial Church Lansdowne Road, Apollo Bunder Fort Bombay 1 English Church Rev Stanley Downes

Taylor Memorial Church Clare Road Byculla Bombay 8 English Church Rev Stanley Downes

Robinson Memorial Church 13 Sankh Street Byculla Bombay 8 Kanarese Central Church Rev C Salins Marati Central Church Rev D D Chandekar G Th

Centenary Methodist Church Charni Road Junction Grant Road Bombay 7 Gujarati Central Church Rev Joseph Bhagat Singh G Th Malayalam Central Church Rev M I Bethel Hindustani Central Church Alexander Heins

Rahator Memorial Church Elphinstone Road Parel Bombay 12 Marathi Church Rev V D Deolalikar Telugu Church Rev K Manikyam Tamil Church Rev J N Harris B A, Gujarati Church Rev H Muljibhai

World Union Church Behind Podar Hospital Worli Bombay 18 Worli Kanarese Church Rev J B Satyavrata

Circuits

Kanarese Suburban Circuit Rev Darious Mallappa *Robinson* Memorial, Byculla Bombay 8 Gujarati Circuit Bandra

Kurla Methodist Church New Mill Road Kurla Bombay Suburb Marathi Church Rev V Deolalikar Hindustani Church Rev D D Chandekar

There is a social hall known as Wicke Hall in the Robinson Memorial Church compound The Women's Division of Christian Service connected with the Methodist Church has its headquarters at 22 Club Back Road Byculla, with a hostel for women students and headquarters for zenana and city school work This institution is managed by Miss J Blasdell and Miss S Irikamlal A centre in Robsh Street, Agripada has a library a nursery for children and a sewing class for women, managed by Miss Ivy Childs

The W S C S of the Kanarese Central Church run a Kindergarten School at 22, Club Back Road, Byculla, which is indigenous

In Charge Religious Education Deptt —Miss Jean Campbell

Other Ministerial Workers Rev B A Francis G Th, M A, Rev J Navgiri G Th, Rev P D Padale, G Th, B D

ORTHODOX SYRIAN CHURCH

Bombay

The Orthodox Syrian Church of Malankara (comprising the United State of Travancore and Cochin and Malabar) the oldest and the only indigenous church in India has a well established Parish in Bombay Divine Services conducted on Sundays and other important Festivals

VICAR —The Reverend Father T G Koshy, M A

The Church has a registered Society known as O S C B Society at 171, Naigaum Road, Dadar

HEAD OF THE CHURCH —Mar Baselios Catholicos

UNITED CHURCH OF NORTHERN INDIA

(ABBOTT HOUSE, BYCULLA, BOMBAY 8)

The Hume Memorial Church Rev N J Patel (2, Duncan Rd, Byculla)

The Ambroli Church (Pastorate vacant)

St Paul's Church, Matunga Labour Camp Rev M L Sathe (Worli Church Residence, off Anne Besant Rd Worli)

ROMAN CATHOLIC CHURCH

ARCHDIOCESE OF BOMBAY

(Suffragan Dioceses Ahmedabad, Calicut, Mangalore, Madura, Poona, Trichinopoly, Tuticorin and Karachi)

The Archdiocese of Bombay comprises the Islands of Bombay, Trombay, Salsette and Basseln and the whole of the Konkan Coast land beginning southwards at the river Savitri and extending northwards so as to comprise the whole of Gujarat with Kathiawar and Kutch, Sind and Baluchistan

Archbishop His Eminence Valerian Cardinal Gracias D D M Agg

Vicars General The Rt Rev Mgr V Dyer The Rt Rev Mgr J A Lobo

Secretary The Rev William Gomes

Postal Address Archbishop's House Wodehouse Road Bombay 1

The figures given below apply to the southern portion which is the immediate concern of the Archbishop

Catholic population 225 723

Clergy & Auxiliaries Diocesan Clergy 181 Male Religious 196 Female Religious 345

Seminarists Bombay 87 Collegio Urbano de Propaganda Fide 3 Ranchi 1

DIOCESAN INSPECTORS OF SCHOOLS

Deanery of South Bombay The Rev Fr A Soligan S J *Deanery of North Bombay* The Rev Fr S Bonet S J *Deanery of South West Salsette* The Rev Frank L Lobo *Deanery of North West Salsette* The Rev Frank L Lobo, *Deaneries of South East Salsette & North East Salsette* The Rev P Pereira *Deaneries of South Bassein North Bassein Dharavi Island* The Rev H J Remedios Deputy Inspector The Rev Frank L Lobo

INSTITUTIONS

Under Male Religious 10 Under Female Religious 24, Under Diocesan Clergy 20 Under Laymen 2 Deaneries or Districts 10, Churches and Chapels 120, Mission Centres 7

DIOCESAN PUBLICATIONS

"The Examiner" (Weekly), Udentechem Neketr (Konkani Weekly) Rotti (Konkani Monthly)

CATHOLIC CHAPEL
Ismail Manzil, Opp Sewri Cemetery, Bombay 15

VICAR — The Rev F A Xavier

CHURCH OF OUR LADY OF DOLOURS
Sonapur, Bombay 2

VICAR —Rev A de Souza

CHURCH OF OUR LADY OF DOLOURS
Wadala, Bombay 14

VICAR — The Rev Fr E Rego, S D B

CHURCH OF OUR LADY OF EGYPT
Kole Kalyan, P O Santa Cruz

VICAR —The Rev John A Gomes

CHURCH OF OUR LADY OF GLORY
Byculla, Bombay 27

VICAR —The Very Rev Mgr O de Sa

CHURCH OF OUR LADY OF GOOD COUNSEL

VICAR —The Rev Fr Egbert, O F M

CHURCH OF OUR LADY OF HEALTH
Cavel, Bombay 2

VICAR —The Rev F C Athaide

CHURCH OF OUR LADY OF HEALTH
Sahar, P O Vile Parle (Bombay 24)

VICAR —The Rev C A D'Abreo

CHURCH OF OUR LADY OF HEALTH
Versova, *via* Andheri

VICAR —The Rev M G Gonsalves

CHURCH OF OUR LADY OF THE MOUNT
Bandra Hill, Bombay 20

VICAR —The Rt Rev Mgr V Dyer Rector

CHURCH OF OUR LADY OF MOUNT CARMEL
Bandra, Bombay 20

VICAR —The Rev J S D Souza

CHURCH OF OUR LADY OF THE ROSARY
Mazagon, Bombay 10

VICAR —The Rev S Pereira

CHURCH OF OUR LADY OF SALVATION
Dadar, Bombay 14

VICAR —The Very Rev Mgr I N Vaz

CHURCH OF OUR LADY OF THE SEA
Aldea Mar, *via* Andheri

VICAR —The Rev I de S Pimenta

CHURCH OF OUR LADY OF VICTORIES
Mahim, Bombay 16

VICAR —The Rev Ligouri D'Souza

HOLY CROSS CHURCH
Kurla (Central Rly)

VICAR —The Very Rev Peter Pereira

HOLY CROSS CHURCH
Lower Parel, Bombay 13

VICAR —The Rev Roque de Souza

PRO CATHEDRAL OF THE HOLY NAME
Wodehouse Road, Fort, Bombay 1

VICAR —The Very Rev Angelo Fernandes Rector

SACRED HEART CHURCH
Santa Cruz, Bombay 23

VICAR —The Rt Rev Longinus Pereira

SACRED HEART CHURCH
Worli, Bombay 18

VICAR —The Rev M M Cabral

ST ANDREW'S CHURCH
Bandra, Bombay 20

VICAR —The Rev H J Remedios

ST ANNE'S CHURCH
Nesbit Road Mazagon, Bombay 10

VICAR —The Rev I Ribot, S J

ST ANNE'S CHURCH
Pali Hill, Bandra, Bombay 20

VICAR —The Rev Theophilus Lobo

ST ANTHONY'S CHAPEL
Chembur

VICAR The Rev J Mangan C S R

ST ANTHONY'S CHURCH
Mani, P O Trombay

VICAR —The Rev Reginald Fernandes

ST ANTHONY'S CHURCH
Vakola, P O Santa Cruz

VICAR —The Rev S Fernandes

ST BLASE'S CHURCH
Amboli, Andheri
VICAR —The Very Rev P P D'Mello

ST FRANCIS XAVIER'S CHAPEL
Middle Colaba, Bombay 5
VICAR —The Very Rev Mgr R J da G Costa

ST FRANCIS XAVIER'S CHURCH
Dabul, Bombay 2
VICAR —The Very Rev Mgr B A Pinto

ST FRANCIS XAVIER'S CHURCH
Vile Parle, Bombay 24
VICAR —The Rev Frank F Tobo

ST IGNATIUS' CHAPEL
Kazi Syed Street, Near Carnac Bridge, Mandvi, Bombay 3
VICAR —The Rev Fr Diego O F M Cap

ST IGNATIUS' CHURCH
Jacob Circle, Bombay 11
VICAR —The Rev H B Marques

ST JOHN THE EVANGELIST'S CHURCH
4, Green Street, Fort, Bombay 1
VICAR —The Rev Alexander Noronha

ST JOSEPH'S CHURCH
Colaba, Bombay 5
VICAR —The Rev Ignatius D'Souza

ST JOSEPH'S CHURCH
Juhu, P O Santa Cruz
VICAR —The Rev N D'Cunha

ST JOSEPH'S CHURCH
Umerkhadi, Bombay 9
VICAR —The Very Rev Mgr J M de Souza

ST MICHAEL'S CHURCH
Mahim, Bombay 16
VICAR —The Rev George Fernandes

ST PAUL'S CHURCH
Upper Parel, Bombay 12
VICAR —The Rev Fr H Cirera, S J

ST PETER'S CHURCH
Bandra, Bombay 20
VICAR —The Rev Fr D Donnelly, S J

ST SEBASTIAN'S CHURCH
Marouli, P O Chembur
VICAR —The Rev A Sardinha

ST STEPHEN'S CHURCH
1, Nepean Sea Road, Cumballa Hill, Bombay 26
VICAR —The Rev W Gomes

ST TERESA'S CHURCH
Girgaum, Bombay 4
VICAR —The Rev Roque Pereira

ST TERESA'S CHURCH, KHAR PALI
32, Turner Road, Bandra, Bombay 20
VICAR —The Rev Fr P Braun, S V D

ST VINCENT DE PAUL'S CHURCH
Chuim, Bandra, Bombay 20
VICAR —The Rev I N Tolo

THE SALVATION ARMY

WESTERN INDIA TERRITORY

Territorial Headquarters Mollard Road, Byculla, Bombay 8
Territorial Commander —Commissioner Janet Allan
Chief Secretary —Col Joseph Danvi

Evangelical Work Centres

Maharashtra —Bombay Poona, Satara, Ahmednagar, Puntumba, Shevgaon, Patherdi

Gujarat —Anand, Borsad Vasad, Nadiad, Dholka, Dohad

Social Work Centres

Bombay —King Edward Home (Men's Industrial Home), Women's Industrial Home (Rescue Work), Loom Department

Gujarat —Muktipur Farm Colony

Medical Work Centres

Emery Hospital, Anand —Chief Medical Officer —Col (Dr) A B Cook, B A, M B (N Z), F R A C S, M R C P (Lond), F R C S (Edin), M D

Evangeline Booth Hospital, Ahmednagar —Chief Medical Officer —Major (Dr) D Andersen, M D, B S (Lond), F R C S (Eng), D T M & H (Liv), Warrington Yorke Medalist in Tropical Hygiene (1947)

Hostel —Red Shield Hostel, Merewether Road, Colaba, Bombay

Boarding Schools —Girls Anand, Boys Kaira, Girls and Boys Ahmednagar

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BENEVOLENT INSTITUTIONS IN BOMBAY

EMPLOYMENT BUREAU

CATHOLIC WOMEN'S WELFARE SOCIETY

Convent Street, Bombay 1

The Catholic Women's Welfare Society was founded by Archbishop Roberts in 1938, with the object of protecting working girls and of improving the conditions of living and work in the city for Catholic women (especially those of the poorest classes) so as to enable them to live good, useful and happy lives

The Society undertakes family case work and runs the St Martha's Hostel (Dr Viegas Street, Cavel) for working girls, at the lowest possible rates

President —His Eminence the Archbishop of Bombay

INDIAN CHRISTIAN UNEMPLOYMENT RELIEF BUREAU

Shrinath Bhuvan, Picket Cross Road, Bombay 2

This Bureau has been opened for the purpose of helping Indian Christians residing in Bombay to obtain employment Relief is provided in the form of odd jobs and commissions according to ability No charge is made to employer or employee

Co operation is solicited from employers in the form of information of vacancies for all types of jobs for men and women and from the public by way of donations

NAGPADA NEIGHBOURHOOD HOUSE

New Nagpada Road, Byculla

The purpose is to provide a Centre to assist in cultivating the higher interests of the Nagpada Neighbourhood, to initiate and to maintain educational and philanthropic enterprises, to investigate and to improve social and economic conditions, and at all times to work for the public welfare of Greater Bombay

Activities —Medical and dental clinics, children's welfare centre, nursery dramas, meetings, cinemas, games, classes, clubs, athletics, night schools, lectures, sales centre for mission industries, employment bureau

Support —The Neighbourhood House is wholly dependent upon the public for its support. Contributions are invited

Director —Loy Long, M A , B D

Director of Women's Work —Edna M Long, B A

Manager Crafts Sales Centre —Gool Nagarwalla

Medical Officer —Dr P M Mody

PARSI PUNCHAYET FUNDS AND PROPERTIES

Fort, Bombay.

Trustees —Sir Shapoorjee Billimoria, Dr Dadiba Saher, Sir Cowasjee Jehangir, Bart , Nadirshah Mulla, Solicitor, Lady Hirabai Cowasjee Jehangir, Lt -Col R M Kharegat and Mr Navroji J Wadia

Secretaries —Sapur Desai , Gustasp Antia

Trustees manage religious and charitable funds and institutions

Trustees are also custodians of charitable and religious funds of mofussil and foreign towns

Total movable holdings in 1952 —Rs 1,98,98,686.

Immovable Properties.—Rs 1,62,01,025

REGIONAL DIRECTORATE OF RESETTLEMENT AND EMPLOYMENT, GOVERNMENT OF INDIA, MINISTRY OF LABOUR

Mercantile Chambers, Graham Road, Ballard Estate, Fort

ORGANISATION The Directorate runs the following Exchanges in Bombay City :—

(1) Regional Employment Exchange, Hassan Chambers, Parsi Bazar Street, Fort (Tel Nos 23109 and 33223)

(2) Sub Regional Employment Exchange (Parel), Mercantile Chambers, Graham Road, Ballard Estate, Fort (Tel Nos 22429 and 30113)

It also runs an Industrial Training Institute for adult civilians at 374, Arthur Road (Tel No 40030)

AIMS AND OBJECTS : Employment Exchanges help resettlement and employment of all categories of employment-seekers The Training Centre trains suitable candidates in 12 technical trades.

ENDOWMENTS FOR MAINTENANCE

BABAJI CASSINATH DAIVADNYA CHARITABLE FUND

Shanker Seth House, Thakurdwar

AIMS AND OBJECTS Help for education and economic relief

BAI AVABAI AND BOMANJI FRAMJI WADIA CHARITY TRUST

C/o R A Wadia, Thakur Nivas, 173, Jamshedji Tata Road, Bombay 1

AIMS AND OBJECTS Monetary help to poor Parsis for maintenance, education, etc Sectional—confined to Parsis only

ACTIVITIES Monetary help for maintenance, education, etc

LATE BAI BACHOOBAI SAPURJI N CHANDABHOY CHARITY TRUST

C/o Messrs Chandabhoy & Jassoobhoy, Advani Chambers, Sir P Mehta Road, Fort

AIMS AND OBJECTS Help for maintenance and education and medical relief

BERAMJI CURSETJE SETHNA PARSI CHARITY TRUST

C/o A E Seervai,
Marine Mansion, Marine Lines

AIMS AND OBJECTS Help for maintenance and education to poor

BOMBAY FAMILY PENSION FUND OF GOVERNMENT SERVANTS

Western India House, Sir Phirozshah Mehta Road, Fort, Bombay

The Fund has Widows Pension and Life Assurance Branches The object is to provide pension for widows of subscribers and life policy for widowers All Government servants in Civil employ and Local Fund employees in Bombay State, Non European I C S officers and permanent Central Government servants liable to serve all over India are eligible for admission Particulars from Fund s Secretary and Treasurer, Western India House, Sir Phirozeshah Mehta Road, Fort, Bombay

BOMBAY PARSI PASTAKIA ANJUMAN FUND

The Anjuman owns pieces of land admeasuring about 45,615 square yards on Malabar Hill The Fund is maintained by the annual ground-rent of the plots, occasional donations from members of the Bombay Parsi Pastakia Clan and voluntary subscriptions collected monthly from them Under the Trust Deeds of the Fund, dated 15th November 1849, and 5th March 1862, certain religious ceremonies are to be observed, and religious feasts are to be celebrated annually in Bombay —

TRUSTEES OF THE FUND —Fardunji Framji Guard and Ruttansha Dadabhai Rustomjee Bhabha

HONORARY TREASURER —Ruttansha Dadabhoy Rustomjee Bhabha, Meher Mansion, near Tardeo Bridge, Tardeo, Bombay 8

BOMBAY WIDOWS' PENSION FUND, LTD

Fort Chambers, Hamam Street, Fort

AIMS AND OBJECTS Provide pensions or gratuities to widows who are members of the Company. Cosmopolitan

COWASJI BERAMJI DIVECHA TRUST FUNDS

Darya Building, 375, Hornby Road, Fort.

AIMS AND OBJECTS Pecuniary help to poor Help for Navjote, marriage and funeral expenses Sectional—for Parsis only

ACTIVITIES Pecuniary help and maintenance of a grain shop supplying at cost price.

SIR DINSHAW MANOCKJEE PETIT FIRST BARONET CHARITY TRUST

Petit Building, Hornby Road

AIMS AND OBJECTS Help to aged and poor Parsis Sectional —confined to Parsis only

President —Sir D M Petit Bart
Secretary —R M *Engineer*

DADABHOY NOWROSJI DAVER CHARITY FUNDS

C/o J H Cama, Dalal Street, Fort

AIMS AND OBJECTS Religious ceremonies and help to poor and destitute Also educational help

DAWOODI BOHRA SOCIETY

Maskati House, Mohamedalli Road

AIMS AND OBJECTS Educational economic and social welfare of Dawoodi Bohras Sectional—Dawoodi Bohras only

ACTIVITIES Grants scholarships and maintenance allowances to poor families

DESTITUTE IRANI CHARITY FUND

Beramji Mansion Sir P M Road, Fort

AIMS AND OBJECTS Economic welfare of Irani Zoroastrians

ACTIVITIES A *Dharamshala* for Iranis at Hughes Road, Bombay 7 Help to destitute Iranis and also fees for their children

DHUNJIBHOY DOSSABHOY MAMA CHARITY FUNDS

C/o H S Spencer, 18 Mount Mary Road, Bandra Hill

AIMS AND OBJECTS Help to poor Parsis Sectional—for Parsis only

DISTRICT BENEVOLENT SOCIETY OF BOMBAY

Sir J J Dharmasala, opp Imperial Bank, Byculla Branch

Committee Members —Sir Jamsetjee Jeejeebhoy Bt *Chairman*, Bomanji P Setha, *Hon Treasurer* Rao Bahadur B N Athavle, Sir Rustomji P Mody, Miss Prema Jewandas Dr J Moses, Dr Mrs B M Dubash A J Servai N B Bhatavdekar and Mrs J N Gobhai

Hon Secretary —Mrs J N Gobhai
Jt Secretary Dr Mrs B M Dubash

EUROPEAN GENERAL (ST GEORGE'S) HOSPITAL ENDOWMENT FUND

This Fund gives financial assistance to poor Europeans who are sick, convalescent or unemployed as a result of ill health Applications should be sent to the Secretary of the Fund Kamani Chambers, 32 Nicol Road, Ballard Estate Bombay

GOCULDAS TEJPAL CHARITIES

7, Bastion Road, Fort, Bombay

These Charities maintain one boarding school one Sanskrit college three high schools and Laxmi Narayan Temple in Bombay and two high schools and three A V Schools one temple and Sadavratas in Kutch State Besides about 100 destitute persons and 10 children of the Bhatia community are given monthly monetary assistance for food etc

GOWALIA TANK ROAD PARSI WELFARE CENTRE

This welfare centre was founded in the year 1942 to render help in various kinds to the poor class people of the community *Office* **bearers —**

President **—H N Dallas,** ***Vice-President*** **—Adi K Munshi,** ***Jt Hon Secretaries*** **—R D Bugwadia and N B Cardmaster,** ***Jt Hon Treasurers*** **—H H Panthaky and M K Saklatwala All communications to be addressed to R D Bugwadia, Forjett Cross Lane, Bombay 26**

HINDU DEEN DAYA SANGH

Foundling Home, 255-56, Sion Road, Bombay 22

This institution is registered as a public trust and approved by the Central Government as a charitable institution for exemption of Income tax on donations given Recognised by Government as remand home under Children s Act This institution admits foundlings and discarded babies of ages below five and brings them up to make them good citizens

President **—Kanaiyalal M Munshi** ***Chairman*** **—Prabhashanker R Bhatt** ***Vice Chairman*** **—I V Gokal Mrs Babuben Mulji Dayal, J P** ***Trustees*** **—Dr K S Mhaskar, M D D P H , Gordhandas G Morarji J P Madhavlal H Shah, J P** ***Hon Secretaries*** **—Ratilal C Kothari, J P , M I Majmudar**

HORMASJI DORABJI BODE CHARITABLE TRUST

C/o Eardoonji D Ustad, 35, Robsch Street, Byculla

AIMS AND OBJECTS Religious ceremony primarily and balance for help to poor Parsis

HORMASJI RUSTOMJI SHROFF CHARITY TRUST

Central Bank Executor & Trustee Co Ltd
Central Bank Building Mahatma Gandhi Road

AIMS AND OBJECTS Help for Navjote ceremony and to institutions providing food to poor students

IRANIAN ZOROASTRIAN ANJUMAN

Kermani Building Sir P M Road, Fort

AIMS AND OBJECTS To advance and further the social moral physical and educational welfare of Irani Zoroastrians *Secretary* Aspundiar M Aga B A Sectional confined to Irani Zarthostis

JAMI E JAMSHED CHARITY FUNDS

Mangalore Street, Ballard Estate

AIMS AND OBJECTS Economic welfare of the Parsi community Sectional—confined to Parsis only

ACTIVITIES Maintenance allowance to widows tenements for poor Parsis at Dadar a sanatorium at Khandala for convalescents

JAN SEVA SANGH

Gopal Nivas Princess Street

AIMS AND OBJECTS Relief of distress among the poorer classes Cosmopolitan

ACTIVITIES A milk centre in C Ward under Government Milk Scheme

JEEJEEBHOY DADABHOY CHARITIES

Alice Building Hornby Road

Founded under the will of the donor in the year 1849 for the following charities —

Colaba and Sardona Fire Temples Bombay and Udwada Schools with average attendance of 375 and 225 boys and girls respectively Madresas at Elav Ankleshwar, Siganpore, Suvali and Pardi, besides help of every description for Parsis

Trustees —Muncherjee D M Jeejeebhoy Nanabhoy B Jeejeebhoy, Ardeshir R Jeejeebhoy and Rustomjee Dosabhoy Jeejeebhoy

Secretary —Rustom J Mobedjee

JEWISH RELIEF ASSOCIATION

Hague Building, Sprott Road, Ballard Estate, Post Box No 47

Hostel **—Habib Chambers, 324, Victoria Gardens Road, next to Christ Church football compound, Bombay 8**

The Association assists Jews in or passing through India, participates in Jewish Charities and administers the Jewish children s Feeding Fund

KAPAWALLA CHARITY TRUST FUND

AIMS AND OBJECTS Supply of free grain to indigent members of the Parsi community

ACTIVITIES Two thirds of the balance of the income go to the B D Petit Parsi General Hospital One third to go to Dr Masina s Hospital

MANEKJI COWASJI PETIT CHARITY TRUST

C/o Jurdoonji C Petit Ram Mansion, Napean Sea Road, Malabar Hill

AIMS AND OBJECTS Help to poor and destitute Parsis Sectional —confined to Parsis only

MANEKJI FRAMJI SETHNA CHARITY TRUST

Central Bank Executor & Trustee Co , Central Bank Building, Mahatma Gandhi Road

AIMS AND OBJECTS Help to needy Parsi Funds and for Navjote ceremonies

ACTIVITIES A sum not exceeding Rs 200 to be paid to a Parsi Zoroastrian Fund badly in need of money, or a sum not exceeding Rs 200 for performance of Navjote of poor Parsi boys or girls

MANEKJI NOWROJI SETT CHARITIES

Kodak House Hornby Road, Fort

AIMS AND OBJECTS Donations to charitable Institutions and rent relief and medical help to poor and lower middle class Parsi families, etc Sectional—for Parsis only

MANGESH VISHWANATH RAJADHYAKSHA SCHOLARSHIP AND CHARITY FUND

Mangesh Building, Bhatwadi Road, Girgaon

AIMS AND OBJECTS Scholarships to deserving students of the Gowd Saraswat Brahman community, attending schools colleges and other educational institutions Monetary assistance to poor and helpless members of the community

MASALEH E UMOOR E MUSLIMIN

Juma Masjid of Bombay, Bombay 2

AIMS AND OBJECTS Help to destitute Kokni Muslim Pardanishin widows Sectional—confined to Kokni Muslim widows

MEHERJIBHOY BOMANJI KASSINATH CHARITY TRUST

17 19 Bastion Road, Fort

AIMS AND OBJECTS Help to Parsis Sectional

N F KANNY CHARITY TRUST FUND

C/o P A Wadia, 17, Jamshedji Tata Road Backbay, Bombay 1

AIMS AND OBJECTS Help to poor Parsis, preferably to relations of the donors Sectional—for Parsis only

N M PETIT CHARITABLE INSTITUTION

Mehta Building Medows Street, Fort

AIMS AND OBJECTS Eleemosynary and medical relief as well as educational help to Parsis Sectional- for Parsis only

ACTIVITIES Help— in the shape of fees and books to poor students and pecuniary help to the poor

N M WADIA CHARITIES

22-D, Parsi Bazar Street, Fort

Trustees —Sir Jamsetjee Jejeebhoy, Bart , Sir Rustom P Masani, C P Wadia and Sir Shapoorjee B Billimoria, Kt , M B E

The object of the funds of these Charities is to help destitute people irrespective of caste, creed or colour, and the same are used for the following purposes according to the wishes of the founder —

(1) Marriage of poor maids, (2) Navjot of Parsi boys and girls (3) Maintenance and education of orphans, (4) Hospitals, (5) Relief of the poor and distressed, (6) Natural calamities, (7) Care and protection of animals, (8) Education, (9) Chawls for poor Parsis, and (10) Unspecified charities

NAVJIVAN SANGH

Gopal Nivas, Princess Street

AIMS AND OBJECTS Encouragement of village and home industries

ACTIVITIES A grain shop Dealing in handmade paper, ghani oil, pure ghee, honey and hand spinning instruments

P A HORMASJEE CHARITIES

70, Forbes Street, Fort

AIMS AND OBJECTS Economic welfare of the Parsi community Sectional—for Parsis only

ACTIVITIES Monetary help to poor Parsis for maintenance, education and medical purposes Tenements for poor Parsis at Dadar

PIROJBAI DARASHA CAPTAIN CHARITY FUNDS

C/o H S Spencer, 18, Mount Mary Road, Bandra Hill

AIMS AND OBJECTS Help to poor and destitute Parsis Sectional — confined to Parsis only

RAOJIN VANJARI NIRASHRIT FUND

47, 4th Kamathipura, Bombay No 8

This fund was founded in 1908 with the object of giving maintenance or other allowance, medical help and first day funeral expenses to the poor and needy persons of the Raojin Vanjari community The fund is managed by a Board of Trustees

SARAIYA CHARITY TRUST

Swastik Court, 132, Queen's Road, Churchgate Reclamation

AIMS AND OBJECTS Help to the poor for maintenance and education Cosmopolitan

ACTIVITIES Scholarships for education and medical relief

SETH ARDESHIR SORABJI FRAMJI PATEL CHARITY FUND

Yusuf Building Mahatma Gandhi Road, Fort

AIMS AND OBJECTS Maintenance housing and education of poor Parsis Help for marriage and funeral expenses Donations to deserving Parsi Institutions Sectional—confined to Parsis only

SHREE MAKHARIA CHARITABLE TRUST

Bank House, 203 Kalbadevi Road

AIMS AND OBJECTS Education Relief of distress from disease and poverty etc Helps the Marwari Hospital with large donations Cosmopolitan

SHREE MODH SUBHECHAK FUND

542, Sandhurst Bridge

AIMS AND OBJECTS Economic welfare of members of the Modh Vanik Community Sectional—confined to Modh Vanik Community

ACTIVITIES Monetary help for maintenance and education

SHREE RATANBEN RUKSHMANIBAI SHRAVIK ASHRAM

Jubilee Baug, Jardeo, Bombay 7

This Institution was founded by Shri Maganbehn, daughter of Seth Maneckchand Hirachand It has for its object the uplift of Jain widows by giving them shelter, education and knowledge to enable them to maintain themselves quite independently and serve the community as best they can

SHRI GURU SINGH SABHA

Post Box 649,
264, Frere Road, Fort

AIMS To work for the religious and educational advancement and unity of the local Sikhs and foster brotherly relations with other communities

ACTIVITIES A Musafirkhana, free kitchen and library are maintained at 264, Frere Road and also at Naigaum Dadar, with a school for children These are open to all communities

SIR RATAN TATA CHARITIES

Bombay House, Bruce Street, Fort

The aims and objects of the Charities among others are directed towards relief of distress and poverty, medical relief, social welfare, education, learning and industry in all their branches and other objects of public utility but of a charitable character

Trustees —Lady Ratan Tata, Naoroji Hormusji Tata, Sir Hormuzdiar Dastur, Kt, Dhanjishaw Hosangshaw Nanavati, Bomonji Piroshaw Sett

Secretary —Pirosha Pestonji Mistri

SOCIETY OF N S DA PIEDADE, DABUL

40, Dukerwadi

AIMS AND OBJECTS Help to the needy

SOCIETY OF N S PIEDADE

Gloria Church, Byculla

AIMS AND OBJECTS Support of the poor Mostly for Christians, but others not excluded

SOCIETY OF ST VINCENT DE PAUL, ST PETER'S CONFERENCE

St Peter s Church, Hill Road, Bandra

AIMS AND OBJECTS Economic and social uplift of the poor Cosmopolitan and regional

SORABJI MANEKJI SETHNA CHARITIES

C/o Messrs S B Billimoria & Co

113, Mahatma Gandhi Road, Fort

AIMS AND OBJECTS Help to poor and destitute Parsis

ST ANTHONY'S GUILD

St Andrew s Church, Bandra

AIMS AND OBJECTS Promotion of devotion to St Anthony s, and help the poor of Bandra, from collections from St Anthony s Box Guild is restricted to Catholics but cosmopolitan so far as charity is concerned

ACTIVITIES Besides help to the poor, the Guild has a Home containing 12 rooms occupied free by poor people

ST ISABEL'S (LADIES) CHARITABLE ASSOCIATION

C/o Miss Elizabeth Rowe,

St Theresa High School, Gaiwadi

AIMS AND OBJECTS To visit the female poor and bring help to them Cosmopolitan

ACTIVITIES There are six circles at Kalbadevi, Girgaon, Mazagaon Byculla, Mahim and Fort, where visits are paid, help given in the shape of money, clothes, etc and children put into schools or hospitals

VACHA (DR B E AND DR R E) EDUCATION FUND

14 K, Hamam Street, Fort

AIMS AND OBJECTS Educational help to poor Parsi boys and girls and relief to the poor Cosmopolitan—for relief of the poor of all communities

ACTIVITIES Fees to about 35 boys and girls and donations to institutions like the Blind School, Hospitals, Seva Sadan, etc

WORLI GOPCHAR AND BHOYE SAMSTHAN

Worli, Bombay 18

This is a Charitable Trust to help students, orphans, and widows of the Pathare Kshatriya community The original Samsthan consisted of lands on Worli seafront reserved for charitable purposes by the earliest Pathare Kshatriya settlers in Worli in the 13th century The Estate subsequently became a Trust and in 1930 the High Court framed a scheme for the conduct of the Samsthan's affairs

Managing Trustees —M D Raote, Y W Mantri, B H Mantri, G K Worlikar and J A Mantri

WORK CLASSES

AGRIPADA RAHIVASI SEVA MANDAL

Block No 2, Wylie Street, Bombay 11

AIMS AND OBJECTS Social, cultural and economic uplift of the people of Agripada Cosmopolitan—for the residents of Agripada locality

ACTIVITIES Hindi and literacy classes Women's handicrafts. Physical training for boys and girls Co operative Stores Films and other entertainments First Aid and Medical Appliances

ALL INDIA ISMAILLIA HELPING SOCIETY

Kersasp Building, Dongri Street, Bhimpura, Bombay 9.

AIMS AND OBJECTS Welfare of members of the Ismaili Khoja Community

ACTIVITIES Industrial classes for women, teaching cutting, sewing, embroidery and other handicrafts, conducted at Dadar, Mahim, Bandra and Thana Classes open to all communities and recognised by Government Educational Department

Running two Public canteens, one at Samuel Street and the other at Imamwada Road, catering food and refreshment articles prepared on scientific lines

ARTYTOYS INDUSTRIAL SCHEME TRUST

Sir Ratan Tata Centre, Gamadia Colony, Tardeo

AIMS AND OBJECTS Work for unemployed Technical training and apprenticeship opportunities to youths Employment for destitutes Cosmopolitan

ACTIVITIES Two workshops in woodwork, metal work, electroplating, box making, toy manufacture, etc

BHATIA STREE MANDAL

Mangesh Senoy Street, G P O Fort

AIMS AND OBJECTS Work for women and children and their uplift Cosmopolitan

ACTIVITIES Classes for women in cutting, sewing and embroidery Montessori classes and primary schools for children Economic help to women, and an Industrial Home, namely, Sir Rao Bahadur Vassanji Khimji Udyog Mandir

BOMBAY PRESIDENCY WOMEN'S COUNCIL

Town Hall, Fort

AIMS AND OBJECTS Mutual help and service of women of the State Cosmopolitan

ACTIVITIES A depot for the sale of women s handicrafts at Green's Hotel Rescue Home at Umerkhadi Dispensary, nursery school and sewing classes at Matunga Labour Camp Literacy classes in Hindi, Urdu and Marathi in different localities Children s Holiday Library Health Sub-Committee—Visits to markets and dispensaries Agitation on Beggar Problem

BOMBAY UPNAGAR JILLA GRAMUDDHOG SANGH

396, Kalbadevi Road

AIMS AND OBJECTS Village industry and village uplift Cosmopolitan

ACTIVITIES Classes for training and work class Library, a museum and a statistical information Bureau

BHAGINI SAMAJ, DADAR

Dadar Bhagini Samaj, 3rd Lane, Hindu Colony, Dadar

AIMS AND OBJECTS Encourage development of health and culture of women Cosmopolitan

ACTIVITIES Gymkhana, gymnasium, library and a work class

DADAR PARSI WELFARE CENTRE

614, Najoo Manzil, Jam e-Jamshed Road, Parsi Colony, Dadar

AIMS AND OBJECTS Welfare of Parsis, mainly residents of Dadar Sectional—confined to Parsis only

ACTIVITIES ' A nursery school, a work class for Parsi ladies in Najoo Manzil including sewing, tailoring and cookery

Day Nursery Munsiff Bldg, Mancherji Joshi Road, Parsi Colony, Dadar

GANDHI SEVA SENA

Adenwalla Mansion, Chowpatty Sea Face

AIMS AND OBJECTS Economic, moral and spiritual uplift of the people Removal of untouchability and promotion of the use of Khaddar Cosmopolitan

ACTIVITIES Khadi shop at Adenwalla Mansion with a work class attached Cheap grain shop Night Schools at Bandra and Khar Village industries shop

GLORIA CHURCH NEEDLE ROOM

Gloria Church, Byculla

AIMS AND OBJECTS To teach needle work to girls of poor families

ACTIVITIES A work class, including teaching in knitting and embroidery

HABONIM WORK ROOM

55, Forbes Street, Fort

AIMS AND OBJECTS Training of poor children in dress making and sewing Cosmopolitan

ACTIVITIES A work class attended by 25 children

KUMARIKA AND STREE MANDAL

Bhagini Seva Mandir, Sarojini Road, Vile Parle (West)

AIMS AND OBJECTS Education of Hindu Women, teaching them to be self supporting through various arts and crafts

ACTIVITIES A Bal Mandir, a cutlery shop and classes for crafts

PARSI AMELIORATION COMMITTEE

Kotwal s Bungalow, Sleater Road, Bombay 7

AIMS AND OBJECTS Economic Welfare of Parsi Women and children

ACTIVITIES A nursery and primary school in Kotwal s Bungalow A Young Women s Hostel at Tardeo Road for working girls and also for students An Institution for cooking and confectionery where Parsi women are employed

SEVA SADAN SOCIETY

Gamdevi, Bombay 7

Objects —Social, Educational and Medical Service (Seva) through Indian Sisters (Regular and lay) The following *departments of* work are maintained —1 The Home 2 Home Education Classes 3 Marathi Training College 4 Marathi Primary School 5 Industrial Department (Tailoring, Machine and Hand Embroidery, Laundry, Hosiery, Cooking are among the chief industries) 6 Training Homes (Ashrams) Total number taking advantage at present is over 800

President —Mrs Shuffi Tyabji *Hon Secretary* —Miss B A Engineer, M B E, M A, LL B, J P *Jt Hon Secretary* —Mrs V D Muzumdar

SHREE JAIN MAHILA SAMAJ

Mangrol Mansion, Bora Bazar, Fort.

AIMS AND OBJECTS Physical, cultural and economic welfare of women and children Cosmopolitan

ACTIVITIES Industrial classes for women Teaching of hand and machine embroidery Also Montessori and Industrial classes for children

SIR RATAN TATA INDUSTRIAL INSTITUTE FOR PARSI WOMEN

Sir Ratan Tata Industrial Institute, Hughes Road

AIMS AND OBJECTS To provide work for women of the poorer and middle classes, with a view to making them self-reliant Sectional —for Parsi women only

ACTIVITIES The Institute has the following departments Catering and confectionery Hand embroidery and machine embroidery Sewing department Laundry and Dyeing

SIR SORABJI POCHKHANAWALLA'S WELFARE INSTITUTION FOR PARSI WOMEN

Dubash Building, Gamadia Colony, Tardeo

AIMS AND OBJECTS To help home industries among Parsi women.

ACTIVITIES A work class for women in Gamadia Colony, for plain sewing, dress making, borders, hand made or machine made and embroidered household linen

STRI ZARTHOSTI MANDAL

Hughes Road, Bombay 7

The chief activity of the Stri Zarthosti Mandal is the Sir Ratan Tata Industrial Institute for Parsi women It was started in 1928 with the object of promoting the welfare of the poor women of the community by giving them work whereby they could earn their living and support their families There are eight departments, *viz* Catering, Confectionery, Hand embroidery, Machine-embroidery Sewing, Laundry Dyeing and Hand painted Cards, providing work for nearly 175 women

President —Lady Ratan Tata *Hon Gen Secretary* —Mrs Dinbai F S Patuck, *Hon Treasurer* —Miss Manijeh S Captain

VANITA SAMAJ

Cadell Road, Shivaji Park, Dadar

AIMS AND OBJECTS Social advancement of Indian women Cosmopolitan

ACTIVITIES Lectures sports library room and industrial section A Montessori School and classes in Hindi, embroidery and cookery

VILLA THERESA

66, Pedder Road, Cumballa Hill

AIMS AND OBJECTS Housing and economic welfare Cosmopolitan

ACTIVITIES A Kindergarten School A Hostel for students and working girls Industrial training to poor children

ENDOWMENTS FOR SCHOLARSHIPS AND LOANS

AVABAI AND ISABEL NANJI CHARITY TRUST

Central Bank Executor and Trustee Co , Ltd ,

Central Bank Building, Mahatma Gandhi Road

AIMS AND OBJECTS Help for training Parsi youths and workers in trade and handicrafts or agriculture and students in technical, scientific and general education

BAI MOTLIBAI WADIA CHARITABLE FUNDS

C/o N M Wadia Charities,

22 D, Parsi Bazar Street, Fort

AIMS AND OBJECTS Scholarships to Parsi boys and girls attending technical and professional institutions and colleges in India Sectional—for Parsis only

BHARATIYA YADAV YUVAK SANGH

" Barsana ", Matunga

AIMS AND OBJECTS Social and Educational Welfare of Yadav community

ACTIVITIES Scholarships to Yadav students Meetings and conferences for the uplift of the Yadavs

BOMBAY BHATIA MAHAJAN

C/o Messrs Vassanji Sons & Co , 9, Wallace Street, Fort

AIMS AND OBJECTS Welfare of the Bhatia community

ACTIVITIES Scholarships for industrial and vocational training, Scholarships for educational help to Bhatia girls Classes for general education, music, etc for Bhatia ladies A work class for ladies and provision of a trained nurse in midwifery cases

BOMBAY TELUGU EDUCATION FUND

Kamathipura, Bombay 8

This is an Educational Institution with a Fund of about Rs 47 600 for the purpose of granting financial aid to deserving students of the Telugu community residing in Bombay State

President—V S Alkonde, *Secretaries*—Dr B R Nayen, S S Manda, *Treasurer*—V B Bunpel

BOARD OF TRUSTEES—Consists of 7 members *Managing Trustee*—S S Manda

BRAHMIN BHAGINI SAMAJ

Asha Nivas 214 Charni Road

AIMS AND OBJECTS Promote educational and social progress of women

ACTIVITIES Scholarships to women students Tailoring classes and classes in Marathi, Hindi and English

COUNTESS OF DUFFERIN FUND

Government House, Bombay

The objects of the Branch Association are—*first* to co operate with the National Association for supplying Female Medical Aid to the women of India and *second*, to give effect in Bombay to the objects for which the National Association has been founded, *viz* —

I —The training and supply of nurses and midwives for women and children in hospitals and private houses in Greater Bombay and in the mofussil throughout the Bombay State

II —When the funds of the Association permit, the similar supply of Lady doctors Hospital Assistants and others with skilled medical training and knowledge

III —Medical tuition including the teaching and training in India of women as Doctors, Hospital Assistants, Nurses and Midwives

IV —Medical Relief, including—

(*a*) the establishment under female superintendence of dispensaries and college hospitals for the treatment of women and children

(*b*) the opening of female wards under female superintendents in existing hospitals and dispensaries,

(*c*) the provision of female medical officers and attendants for existing female wards and

(*d*) the founding of hospitals for women when special funds or endowments are forthcoming

Hon Secretary and Treasurer K N Thanawala 113 Mahatma Gandhi Road Bombay

CURSETJI NUSERWANJI CAMA MEMORIAL FUND

AIMS AND OBJECTS Educational help to school and college boys and girls

DABHOLKAR SCHOLARSHIP FUNDS

22, Elphinstone Circle Fort, Bombay 1

The above endowments founded by the late Shantaram Narayan Dabholkar consist of two charity trusts *viz*, (*a*) Bai Shantabai Shantaram Dabholkar Charity Trust, and (*b*) Bai Anandibai Raghunath Dabholkar Charity Trust

The object of the endowments is to promote higher education and advancement of members of the Gaud Saraswat Brahmin Community including all its sub section (as mentioned in the Trust Deeds) by awarding monthly scholarships to (1) Male members of the Gaud Saraswat Brahmin Community including all sub sections studying in high schools colleges and other educational institutions managed or recognised by the Government or the University of Bombay, and (2) Female members of the said community studying in schools, colleges or other institutions or qualifying themselves as nurses or midwives Special scholarships are reserved for research students both male and female, who do or intend to do real research work

DAIWADNYA SAMAJONNATI PARISHAD MADHYAWARTI SHIKSHAN FUND

Sarkari Tabela, No 92/95 260M Girgaum Road, Bombay 4

The object of this Fund is to help students of the Daiwadnya community with fees and books The Fund has special arrangement for students who wish to go for higher industrial education The Fund also gives away prizes as an encouragement to students passing English Standards from IV to matric, getting the highest number of marks in Sanskrit Also five special prizes are awarded as follows One to the person standing highest in Matriculation one to a lady student standing highest in the same Examination, one each to the person getting highest marks in Mathematics and English in Matriculation and one to the person who after Matriculation Examination continues with Sanskrit as second language in college and stands highest among college students

DARABSHA PALLONJI CHARITIES

C/o Pallonji Eduljee & Sons, New Charni Road

AIMS AND OBJECTS Help to college students, boys and girls

DR DHIRAJRAM DALPATRAM AND BAI DAHIGAORI CHARITABLE TRUST

Tulsi Villa, Harvey Road Girgaum

AIMS AND OBJECTS Promotion of Education For Hindus only preference to relatives of the donor

ACTIVITIES Fees and Scholarships to students

DIAMOND JUBILEE TRUST

Hasham Premji House, , Chogra Street Fort

AIMS AND OBJECTS Social and educational uplift of Ismaili followers of His Highness the Aga Khan

ACTIVITIES Grants given to different institutions such as maternity homes orphanages health centres hospitals etc and scholarships to deserving students for high school college and vocational education all over the country Conducting separate Boys and Girl High Schools and two Monte sori Schools in Bombay which are open to all communities

HIND MAHILA SAMAJ

Dutch Castle Sardar Vallabhbhai Patel Road

AIMS AND OBJECTS Create a spirit of co operation among women Cosmopolitan

ACTIVITIES A library sewing and embroidery classes and scholarships to Harijans

J A WADIA PARSI EDUCATIONAL CHARITABLE TRUST

3 Wilderness Road Malabar Hill

AIMS AND OBJECTS Educational help to Parsi children particularly children studying at Dastur School, Tooma Sectional confined to Parsis only

J N TATA ENDOWMENT FOR THE HIGHER EDUCATION OF INDIANS

Bombay House, Bruce Street Fort

AIMS AND OBJECTS Provides higher education by training Indians with brilliant records in subjects that will promote the advancement of the country, particularly scientific and technological subjects Cosmopolitan

ACTIVITIES Awarding scholarships for higher training in foreign universities

K B RELE EDUCATIONAL TRUST FUND

Kapur Mansion, 47, Hughes Road, Bombay 7

The object of the Fund is to render help from its income to the poor, needy and deserving students of the Kshatriya community, who wish to prosecute their studies in Schools or Colleges of Indian or Foreign Universities, by giving (1) Studentships (2) Scholarships, (3) Prizes to Students

TRUSTEES K S Rele B A LL B Solicitor *President* Raghuveer K Rele *Secretary* Harishankar Narayan Penker *Accountant* Chandrakant Ramrao Bhiwandkar *Advocate* Udhav D Mastakar, Vasantrao A Mahimkar, Pradyumna V Rele Solicitor

KUDALDESHASTHA GAUD BRAHMIN VIDYAVRIDDHI SAMAJ

30, Kudaldeshkar Brahmin Niwas, Bombay 4

OBJECTS Promoting primary, higher, industrial and technical education amongst poor deserving students of the community, by granting scholarships

Capital Funds of the Samaj, which started in 1894, amount to Rs 4 60 000 The annual interest thereon and subscriptions aggregating Rs 15,000 are utilized for scholarships to deserving poor students of the community here and abroad So far Rs 2,63,000 have been paid in scholarships to 1,087 students

LADY TATA MEMORIAL TRUST

Bombay House, Bruce Street Fort

The Lady Tata Memorial Trust was endowed in 1932, by the late Sir Dorabji Tata as a memorial to his wife A fifth of the net income is earmarked for the encouragement of research by Indians in subjects bearing directly or indirectly on the alleviation of human suffering The rest of the income is devoted to International Awards to candidates of any nationality for research in diseases of the blood with special reference to leucæmias

Trustees—Lady Ratan Tata J R D Tata (*Chairman*), Sir H P Mody J D Choksi D R D Tata, Mrs P J Vesugar and Prof R Choksi

Secretary D S Framroze

LINGUBAI EDUCATION FUND

20 18 Johar Street, Vithal Sayana Building, Bombay 2

This Fund owes its existence to a bequest of the late Bai Lingubai Rajanna Kalewar, a Raojin Vanjari lady Scholarships are awarded to poor and deserving students belonging to the Telugu and Raojin Vanjari community resident in Bombay State

Managing Trustee—Diwan Bahadur Narayan Vithal Sayana *Trustees* Madhukar Rajunath Kalewar Nagnath Sayaji N C Narsinha Achutya B A LL B N V Pedram B A B T and S S Cangle B A

MAHARATHA KSHATRIYA VIDYA VARDHAK MANDAL

C/o Secretary, B I I Chawl No 4 Room 59, Poibavdi, Parel

AIMS AND OBJECTS Educational help to students of the Maharatha Community

ACTIVITIES Scholarships to six students in school

MAHARATHA VIDYARTHI SAHAKARI MANDAL

Batatawalla Mansion Lal Baug

AIMS AND OBJECTS Scholarships to poor Maratha Students Sectional—for Marathas

MALKOO SAIBOO BABBIL TRUST

Kamathipura, 5th Lane

AIMS AND OBJECTS Scholarships to students of the Telugu community

ACTIVITIES Scholarships to 11 students and a reading room

MANEKJI NOWROJI SETT POLYTECHNIC INSTITUTE

Kodak House, Hornby Road Fort

AIMS AND OBJECTS Giving free or loan Scholarships to poor Parsis for technical training in India or abroad Sectional—for Parsis only

MANGALORIAN CATHOLIC EDUCATIONAL CO OPERATIVE CREDIT SOCIETY, LTD

14, Noble Chambers, Parsi Bazar Street, Fort

To help young men for higher medical, technical, and industrial education To help young men to learn trades during the period of apprenticeship Membership Fee Rs 2 only

DR MOTIBAI KAPADIA EDUCATION FUND

C/o Mr Jamshed J J Cursetjee 5 Worli Sea Face Bombay 18

AIMS AND OBJECTS Assistance for higher studies, especially technical, engineering and scientific courses Sectional—for Parsis only

ACTIVITIES Monetary help for studies to Parsi students

NUSERWANJI DORABJI BHADA CHARITIES

C/o Ardeshir N Bhada, Imperial Mahal, Dadar

AIMS AND OBJECTS Scholarships and fees to school and college boys and girls

PARSI CHARITY ORGANISATION SOCIETY

Thakur Niwas 17, Jamshedji Tata Road Bombay 1

Objects—To cultivate healthy public opinion as to the right direction of charities and their organisation

Working—Undertaking inquiries in all cases referred to the Society for enquiry and report

Hon Secretary—Prof P A Wadia M A

PATHARE PRABHU MAHILA SAMAJ

533 Thakurdwar Kalbadevi 2

AIMS AND OBJECTS Social work among women of the Pathare Prabhu Community Sectional—for Pathare Prabhu women

ACTIVITIES A sewing class and a class to teach leather works Open to ladies of other communities Scholarships to some deserving students of the community Periodical competitions of fine arts including Rangoli cutting fancy work drawing dramatic and culinary are held

RANCHHODDAS CANJI CHARITY TRUST

114 Vithalbhai Patel Road Girgaum 4

AIMS AND OBJECTS Monetary help to students

RAO BAHADUR ANANT SHIVAJI DESAI TOPIWALA CHARITY

The Topiwalla Charity and its endowments are administered by a Board of Trustees belonging to the Kudal Deshstha Gaud Brahmin Community The Charity property consisting of buildings is situated at Girgaum Road, Bombay

The rent realised from the property is utilized towards granting Indian and foreign Scholarships and helping widows and destitutes of the Community

Chairman—M N Desai Topiwalla *Managing Trustee*—N P Samant

REMAKANT KRISHNA BHENDE SCHOLARSHIP FUND

C/o I S Dhabolkar 22 Hornimun Circle

AIMS AND OBJECTS Scholarships to boys and girls of the Goud Saraswat Brahmin Community, passing matriculation examination from a High School at Poona

ACTIVITIES Scholarships

ROHIDAS SUDHARAK MANDAL

B D D Block No 12/B, Room 54, Nigam, Dadar

AIMS AND OBJECTS Welfare of Harijans Particularly for Harijans and Regional for Greater Bombay Thana and Kolaba Districts

ACTIVITIES Literacy classes and help to students, and library

President—R B Chandorkar *Secretary* D J Ambekar

SHA HURGOWAN ANANDJI DESAI CHARITIES

Hurgowan Desai Buildings, near Pinjrapole, Bombay No 4

These Charities maintain (1) a Boarding Institution at Matunga where students for higher examinations are given free lodging and boarding and paid all fees and expenses of education, (2) thirty widows and thirty orphans are given monthly help, (3) a Sadavrat is maintained at the feasting Cart or Wadi situated at Bhaskar Lane, and (4) an annuity is given to a temple at Mangrol A Dharamshala at Walkeshwar is kept open for the free use of vegetarian Hindus for religious purposes

SETH MANECKCHAND HIRACHAND JUBILEE BAUG TRUST FUND

Jubilee Baug, Tardeo, Bombay 7

This Institution was founded by Sheth Maneckchand Hirachand The income yielded by the estate is devoted to scholarships, Upadeshak Fund Tirtha Raksha Fund, Parikshalaya and such other funds belonging to the Digamber Jain Community

Trustees —Seth Ratanchand Navalchand Thakordas Panachand, Thakordas Bhagwandas, Vrajlal Kevaldas and Ratanchand Premchand

Jt Hon Secretaries —Thackordas Bhagwandas Javery, Thakordas Panachand Javery

SHREE AZAD PANCHAL YUVAK SANGH

Herrarwalla Building, No 13, Room 43, Delisle Road, Parel

AIMS AND OBJECTS Education and Uplift of Manu Panchal (Lubar) Community Confined to Panchal Community

ACTIVITIES Scholarships and Books to Panchal students, Night classes, free and open to all communities A free Reading Room and a Library

SHRI MAHAVIRA JAINA VIDYALAYA

Gowalia Tank Road

AIMS AND OBJECTS Encouragement of Secondary and higher education by providing necessary facilities

ACTIVITIES Branches at Ahmedabad and Poona accommodating 200 students Manages more than 40 loan and scholarship trust funds Publishes books on Jainism

SIR DORABJI TATA TRUST

Bombay House, Bruce Street, Bombay 1

Without any distinction of place, nationality or creed, the Trust gives support to charitable objects such as the relief of distress caused by the elements of nature or by any other calamity, the advancement of learning in all its branches, assistance to educational and social institutions and scholarships to individuals, and to charitable institutions or objects endowed by the settler, or by the grandfather, father and brother of the settler

Trustees —Lady Ratan Tata, Dr John Matthai (*Chairman*), J R D Tata, Sir H P Mody, A D Shroff, N H Tata and Prof R Choksi

Secretary —D S Framroze

SORABJI M KANGA CHARITY TRUST

36, Warden Road

AIMS AND OBJECTS Promotion of education

ACTIVITIES Help to deserving students

SURAT DASSA OSAWAL BANIA EDUCATION ENCOURAGEMENT ASSOCIATION

C/o Manilal Kher Ambalal, Solicitor, 51, Mahatma Gandhi Road Fort

AIMS AND OBJECTS Scholarships and books to Surat Dassa Osawal Bania students

ACTIVITIES Scholarships to 30 students

TULSIDAS GOPALJI CHARITABLE AND DHAKLESWAR TEMPLE TRUST

204, National Insurance Bldg, Hornby Road, Fort

The Trust was constituted under a scheme sanctioned by the High Court of Bombay The late Sheth Tulsidas Gopalji, who belonged to the Sorthi Bhanushali community of Porbunder, left by his will of 1824 certain landed properties in Bombay, the rental proceeds of which were to be utilised for religious and charitable purposes The charming Temples of Shri Ranchhodji Shri Mahadeo and Shri Vithoba situated on Warden Road at its junction with Pedder Road, and the beautiful tank, a sanatorium and a dharmashala adjacent to them, are maintained from the proceeds of those properties, a part of which is also regularly spent on repairs to temples at Muttra and Vrindavan The balance of the proceeds is utilised towards the grant of scholarships and for gifts to medical, educational and scientific institutions

In December 1937, the Trust properties belonging to the old Dhakleshwar Temple Trust at Mahaluxmi were amalgamated, by an order of the High Court of Bombay, with the properties of the Tulsidas Gopalji Charities The Annual fair held on Dhakleshwar lands during Navratri Puja days of Shri Mahaluxmi is the principal feature of the old Dhakleshwar Temple Trust

VAISHYA VIDDYAVARDHAK SAMAJ

33G, Mugbhat Cross Lane, Girgaum

AIMS AND OBJECTS Education of the Konkanastha Vaishya Community

ACTIVITIES Monetary help to poor students and scholarships

VENKOO BALOO CHARITY TRUST FUND

47, 4th Kamathipura, Byculla

This Fund was founded in 1927 by late Mr Madhavrao Mahadeo Khandray to give Scholarships to poor and deserving students of Raojin Vanjari Community and to give Medical and other help to needy persons of the Community *Managing Trustee* —Laxmibai Ramchandra Kalewa

VITHOBA PANDOBA HALDANKAR (TAT) SOCIETY

Kitte Bhandari Dharmasthan Durgadevi, Kumbharwada

AIMS AND OBJECTS Promotion of brotherly feelings and unity amongst members of the Vithoba Pandoba Haldankar Tat in the Kitte Bhandari Community Sectional

ACTIVITIES Help to poor students and to the ailing

FREE READING ROOMS AND LIBRARIES

AZAD VACHAN MANDIR

C/o Padmakar B Karnik, Dharmakuti, Tardeo

AIMS AND OBJECTS Education of the people in the locality Cosmopolitan

ACTIVITIES A library and reading room and literacy classes in Marathi

BANDRA PARSI ASSOCIATION

C/o Jasmine Ladies Welfare Union, 5 A, Turner Road, Bandra

AIMS AND OBJECTS Welfare of Parsi residents of Bandra Sectional—confined to Parsi residents of Bandra

ACTIVITIES Medical relief for the poor, sports and entertainment and a library

BOMBAY SCOTTISH ORPHANAGE SOCIETY

The object of the Society is to provide maintenance and education for Scottish orphans and for such other children as the Society shall consider to have sufficient claims to the benefit of the institution Subscribers of Rs 15 annually are members, and donors of Rs 150 in one sum are life members of the Society

Chairman —J S Tilley O B E, Bombay, *Vice Chairman* —J C Burns, C/o James Finlay & Co, Ltd, Chartered Bank Building, Bombay, *Hon Secretary* —Miss D Small, C/o James Finlay & Co Ltd, Bombay, *Hon Treasurer* —R C Watson, C/o Anchor Line Ltd, Bombay

BRAHMAN SAHAYYAK SANGH

Ganesh Wadi, No 5, Vaidya Road, Dadar

AIMS AND OBJECTS Welfare of the Deccani Brahman Samaj

ACTIVITIES A library and a reading room Social functions and religious discussions Medical Help

BRITISH INFORMATION SERVICES

Mercantile Bank Bldg, Mahatma Gandhi Road

AIMS AND OBJECTS Promotion of closer understanding between India and the U K and the strengthening of existing bonds and contacts. Cosmopolitan

ACTIVITIES Press service, documentary films, public reading room, public relations work and exhibitions (Tel 31001-6)

BYRAMJEE JEEJEEBHOY PARSEE CHARITABLE INSTITUTION

Opp Charni Road Railway Station, 33, Queen's Road, Bombay 4

A Charity High School for Primary and Secondary Education, founded in 1891

Special Features **—Citizenship Training, Teaching of Accountancy, Shorthand and Typewriting, Free Tiffin and Text books, Botanical-Zoological Museum, Huge Hall and Library, Old Boys Union helping present boys**

Founder **—The late Honble Seth Byramjee Jeejeebhoy**
Board of Trustees **— Nanabhoy Byramjee Jeejeebhoy (*Chairman*), Rustomjee J R B Jeejeebhoy (*Managing Trustee*), Sir Homi Mody, Sir Rustom Masani, Sir Jamshetji Jeejeebhoy, Bart, J R B Jeejeebhoy, Behram K Marzaban**
Principal **—Shiavax N Havewala**

CHUNILAL SHROFF LIBRARY

Sir Vithaldas Chambers, 16, Apollo Street, Fort

AIMS AND OBJECTS To help poor and middle class college students, with books, etc on loan Cosmopolitan

ACTIVITIES About 400 students helped annually with books

KUTUB KHANA I-MADRASE I MUHAMMADIAH

Juma Masjid of Bombay, Bombay 2

AIMS AND OBJECTS Education Cosmopolitan

ACTIVITIES A free reading room at Juma Masjid

LOKA SEVA MANDAL

Kala Killa, Dharavi

AIMS AND OBJECTS Educational and social welfare of residents of the locality Cosmopolitan—regional

ACTIVITIES Maintains a circulating library and holds meetings Ventilation of grievances and education of public opinion Support co operative movement, form credit societies, conduct gymnasiums

MAZAGAON TADWADI MUNICIPAL CHAWLS TENANTS' ASSOCIATION

St Mary's Road, Block 3, Room No 40 Mazagaon

AIMS AND OBJECTS Welfare of tenants of the chawls Cosmopolitan and Regional

ACTIVITIES A free dispensary, a library and a reading room A free night school and education of tenants in matters of cleanliness, etc

MUNI MAHARAJ SHREE MOHANLALJI JAIN CENTRAL LIBRARY AND SANSKRIT PATHSHALA

Near Madhav Baug, Bombay 4

AIMS AND OBJECTS Education Cosmopolitan

ACTIVITIES A Free Reading Room and a Circulating Library A Sanskrit Pathshala and a General Library

UNITED STATES INFORMATION SERVICE

Adelphi, 3, Queen's Road

AIMS AND OBJECTS To promote mutual understanding between the U S and India

ACTIVITIES A free library at 3, Queen's Road, including reference service and book loan programme film showings picture exhibits, press services, musical programmes Sponsoring of lectures and exchange of persons between India and the United States Issuance of publications

VIDYADAINI FREE READING ROOM & LIBRARY

Conducted by the Vidyadaini Sabha

31, Raghunath Dadaji Street, Fort, Bombay

The institution was established to remove the lack of free reading room and library for the Kannada residents in the Fort area and also open to all The library consists of good number of selected Kannada, English books, magazines, newspapers, etc, and new books are added every year

Library and reading room is open on week days from 7 30 to 9 30 in the morning and from 6 30 to 8 00 in the evening, on Sundays and holidays open from 7 30 a m to 12 00 noon

FREE SCHOOLS

ADARSHA SHIKSHANA SANSTHA

Dadar

AIMS AND OBJECTS Physical, mental and moral uplift of youth Cosmopolitan

ACTIVITIES A free night school at Dadar, and other classes

ANDHRA EDUCATION SOCIETY

T 57, Ex Military Hutments, Near King's Circle Station, Sion Road, Bombay 22

AIMS AND OBJECTS To impart Education by opening Schools

ACTIVITIES Running a high school upto IX Standard

ARYA SAMAJ (BOMBAY)

Vithalbhai Patel Road, Arya Samaj Lane, Kakad Wadi

AIMS AND OBJECTS Religious and Social Reform Cosmopolitan

ACTIVITIES Religious and Social Services classes, a foundling home, an orphanage, a free dispensary, a high school and a women's rescue home

ARYAN EDUCATION SOCIETY

75, Girgaum Road

AIMS AND OBJECTS Imparting Education Cosmopolitan

ACTIVITIES Two High Schools and a Primary School in Bombay One High School at Palghad Out of 3,000 students, 150 are free

BAI HIRABAI J N PETIT CHARITY BUILDING

189, Foras Road, Grant Road

AIMS AND OBJECTS Provision of accommodation for poor Parsi families Sectional—for Parsis only

ACTIVITIES A chawl with 89 rooms with nominal rental A nursery school for the children of the tenants

BAI KABIBAI AND HANSRAJ MORARJI CHARITY TRUST

26, Holi Chakla, Fort

ACTIVITIES Bai Kabibai Hindu High School, Hansraj Morarji Public School, Kalianji Jadha Charitable Dispensary, Morarji-Haridas Charitable Dispensary, Kabibai Boarding at Nasik, Hansraj Morarji Ghatkopar Sanatorium Kabibai Dharamshalla at Mathura, Kabibai Dharamshalla at Nasik, Kabibai Sadavrat at Nalia (Kutch) Both the dispensaries give free medical aid to women and children of the locality The Nasik Boarding provides for College students at Nasik free of charge boarding and lodging

BALVIKAS KENDRA

Subash Road, Vile Parle (East) Bombay 24

AIMS AND OBJECTS Promotion of Children's Welfare Cosmopolitan

ACTIVITIES Nursery School by name Sou Ramabai Paranjape Bal Mandir

BHAGINI SAMAJ

Shri Maganlal Ghia Building, 225 Khetwadi Main Road, Bombay

The Bhagini Samaj is a registered Institution, started in 1916, in memory of Gopal Krishna Gokhale

Following are the activities of the Samaj —

(1) **The Chandenben Shah Seva Mandir, a welfare centre for Harijans at Bellasis Road It conducts Nursery School, an Industrial and Literacy class for women, a Night class for boys and a Free Dispensary**

(2) **T N Malvi Bal Mandir which imparts training to children of middle class parents by the Montessorie method Sewing, Embroidery, Hindustani, English and Typewriting classes are conducted at the premises**

(3) **A Club for women and children**

(4) **A Library for women and children**

(5) **A Hostel at Rawal Building at Lamington Road for women in services**

(6) **Patrika—A monthly organ for propagating progressive views on women's problems**

(7) **A Hostel for Raniparaj girls (aboriginal tribes) at Udwada**

BHARATIYA SANSKRITI PARISHAD

(BHARAT CULTURAL SOCIETY)—24B Hamam Street Fort

Centres Delhi Calcutta Jaipur Indore

AIMS AND OBJECTS Education and Social Relief Also development of Art Cosmopolitan

ACTIVITIES A night class for adults and historical tours A school for children

President Dr Kalidas Nag M A D Litt (Paris)

Founder Secretary J S Lodha B Com II M (Lond) A C A (Eng) F C A

BOMBAY MAHILA SANGH

C/o Servants of India Society Sardar Vallabhbhai Patel Road

AIMS AND OBJECTS Welfare of women and children and social reform Cosmopolitan

ACTIVITIES A nursery school and a monthly bulletin Shramik Mahila for employed women

DAUGHTERS OF THE CROSS, LIEGE, BELGIUM

St Joseph's Convent Bandra

AIMS AND OBJECTS Education and training of girls Cosmopolitan

ACTIVITIES Anglo Indian High School English teaching High School An Orphanage and Primary School with 250 orphans

GOCULDAS TEJPAL BOARDING SCHOOL

Gowalia Tank

This is more or less a Hostel for students opened in 1885 and maintained by the G T Charities Free of charge, it feeds, clothes and defrays all expenses of education of about 35 undergraduates till they become graduates of the Bombay University It is situated at Gowalia Tank Road close to the Shri Laxminarayan Temple

Superintendent —Somabhai M Patel, B A

GUJARATI HINDU SIRFF MANDAL

Hirawati Hall Tagore Road Santa Cruz

AIMS AND OBJECTS Social and cultural welfare of women Open to all women

ACTIVITIES Classes in English tailoring sewing and machine embroidery music and a Bal Mandir

President Mrs Chandaben Patel

HINDI VIDYA PRACHAR SAMITI

C/o Hindi High School, Chatkopar

AIMS AND OBJECTS Imparting free education in primary section including free books and clothes to poor pupils Cosmopolitan

ACTIVITIES A Hindi High School at Chatkopar

HINDU SEVAK SAMAJ

C/o Mrs Usha Khanwalla Pulchand Nivas Chowpatty Sea Face

AIMS AND OBJECTS Education of Untouchables, their uplift and welfare Cosmopolitan

ACTIVITIES Infant class at Walpakhadi Mazagaon in Municipal Chawls A creche at the same place Sevashram Middle School at Hill Side Mount Road Mazagaon

MADRESA L MUHAMMADIAH

Jama Masjid of Bombay Bombay 2

AIMS AND OBJECTS Education Cosmopolitan

ACTIVITIES Two free primary schools, one for boys and one for girls at 27 Masjid Street Bombay 3

MODH VANIK BOARDING SCHOOL

(*Shah Parbhoodas Jeevanlas Kothari and Shah Mulchand Vasanji*)

4, Kohinoor Road Dadar

Established in November 1907, under the patronage of the two gentlemen whose names it bears

The Institution gives poor and deserving students of the Modh Bania caste boarding, lodging and means of higher education free

The funds amount to Rs 4,25,000 and the Institution now supports 31 students

Trustees —Dharamdas Samaldas Kothari, Mathuradas Narandas, Karsondas Bhagwandas and Mathradas Samaldas

Hon Secretaries —Karsondas Bhagwandas Patel and Mathradas Samaldas Kothari

Superintendent —Nanalal Chunilal Rawal

NAIGAM SOCIAL SERVICE SOCIETY

16 A B D D Chawl Naigam Dadar

AIMS AND OBJECTS Welfare of residents of the locality Cosmopolitan for the residents of Naigam locality

ACTIVITIES Nursery School Adult Ladies classes Dispensary for women and children play centre for boys and girls and a small library

NATIONAL TECHNICAL EDUCATION SOCIETY

Parekh Tailoring College Bhavani Shanker Road Dadar

AIMS AND OBJECTS Promotion of technical education Cosmopolitan

ACTIVITIES A tailoring college in Dadar and another in Khandala Ghat, District Poona

SHREE VILE PARLE KELAVNI MANDAL

Dadabhoy Road Vile Parle

AIMS AND OBJECTS Spread of education Cosmopolitan

ACTIVITIES Primary School in Vile Parle

SHISHU VIKAS MANDAL

Shishu Vikas Sion Bombay 22

AIMS AND OBJECTS Provide education for small children by every possible means Regional and cosmopolitan

ACTIVITIES Montessori classes two with 40 children and Primary classes with 40 children

ST PETER'S BOYS' HOSTELS

Mazagaon

AIMS AND OBJECTS Education and training of destitute and poor boys Cosmopolitan though at first started for Anglo Indian boys

ACTIVITIES Hostels for boys with accommodation for 140 including apprentices Annual Hostel Magazine

VANITA VISHRAM

Sardar Vallabhbhai Patel Road

OBJECTS AND ACTIVITIES To ameliorate condition of women in Bombay State and other places to elevate their social status by arousing their interest and educating them in subjects tending to their moral material and spiritual advancement and opening out for proper and suitable fields of work usefulness and influence in Society

The Institution conducts Primary Teachers Training Colleges, Primary Schools and Ashrams at Bombay and Surat and a High School at Bombay

About 1 600 students are taking education in the above Institutions without distinction of caste creed or religion and there are 240 resident boarders

Hon Secretary —Mrs Kanta Khandwala B A, J P

WORKERS' EDUCATIONAL SERVICE LEAGUE

Municipal Central Urdu School Building Mustan Tank Road, New Nagpada Road Bombay 8

This Institution is conducting a Free Night High School at the Municipal Central Urdu School Building New Nagpada under a trained and qualified staff and also a Shorthand and Type writing Class Both of them are open to the working class of all the communities irrespective of caste or creed

YOUNG MEN'S FREE NIGHT HIGH SCHOOL

179, Bazargate Street Fort 200 Bora Bazar Street, Fort

Founded in 1945 to impart free education irrespective of caste or creed *Officer in Charge*, D P Puthran *Principal* I K Banarji BA, BT *Head Teacher (H Sec)* S Venkatraman BA LT *Head Teacher (Primary)* V Govind PTC *Asstt Teachers* H Madhava Rao BA LLB B S Rajyam BSc BT G B Bangera BA I Uppoor N Hebsur BSc H R Rao Sahitya Shiromani P S V Rao N N Naik C S Uchil Bhoja Shetty B A Poojari S C N Kanyatirth BA C I Sahan B M Shetty R C Bangera V K Kunder S I Suvarna S B Kunder S B Sahan A V Puthran R S Karkera A A Bangera G R Kanchan S K Suvarna Achan M Shrinivas Jacob BA

HOMES AND INSTITUTES FOR THE HANDICAPPED

ACWORTH LEPER HOME

Matunga, Bombay

President – P R Nayak MA LCS

Superintendent – Dr N Figueredo, MBBS, BHy *Assistant Medical Officers* –Dr S D Desai, MBBS, Dr N D Katdare, MBBS Dr J C Vyas, MBBS

The Home is maintained by joint contributions from Government and the Bombay Municipal Corporation The management is under the direction of a Board consisting of 20 members

The Home accommodates 396 lepers of all classes

BLIND RELIEF ASSOCIATION

Botawala Building Kalbadevi Road Bombay 2

OBJECTS –(1) To help the Incurable Blind and (2) to prevent Blindness

(1) The N S D I Home for the Blind Bombay The Happy Home for the Blind Bombay Dadar School for the Blind Shri Krishna Kumarsinghji School and Home for the Blind Bhavnagar Poona School and Home for the Blind

(2) Free Eye Hospitals and Dispensaries at Pulsar Pimpur Surat, Chalisgaon Poona and a small centre in Bombay

The Association is dependent on donations from the public and several Charitable Trusts

BOMBAY DUMB & DEAF INSTITUTION

Kalbadwadi, Girgaon

The Bombay Dumb and Deaf Institution was started in 1925 There are at present 50 Dumb and Deaf boys and girls who are given free education in writing, speaking and stitching About 375 boys and girls have taken benefit of this Charitable Institution Some of them are serving in Bombay The Principal appeals to the Citizens of Bombay to help the Institution

Principal —S N Medhekar

BOMBAY GO RAKSHAK MANDALI OR THE SOCIETY FOR THE PRESERVATION OF HORNED CATTLE

Shet Mulji Jetha Kapad Bazar Hall Bombay

The objects are —

(1) To adopt all possible measures for the preservation of horned cattle such as Kine Oxen She Buffaloes and He Buffaloes which are very useful for cultivation and other purposes in India and on which the welfare of the whole of India depends

(2) To make known to the people in different parts of the country by means of Lectures, Essays, Pamphlets and Newspapers the difficulties of agriculture arising from the slaughter of the above mentioned cattle and the diminution of the means conducive to the well being of the people and the deterioration of the general prosperity of the country But in doing so such proceedings as may tend to injure the religious feelings of anybody are strictly prohibited

(3) To make all possible endeavours to establish branches of the Society at different places in India To open, and encourage the opening of, Gowshalas (Dairy Farms) at different places as far as the financial state of the Society may permit, for the propagation of the breed of horned cattle, for bettering their condition and for securing such articles as may be produced from their milk

(4) For encouraging the cause and objects of this Society, to ask for assistance from Indian Princes, to adopt all possible means for preventing the slaughter of cattle, to memorialise Government on suitable occasions and to attend to other matters

BOMBAY HUMANITARIAN LEAGUE

(SHREE JIVA DAYA MANDALI)—149, Shroff Bazar, Bombay 2

In 1910 the late Sheth Lallubhai Deepchand Dhaveri established an organisation to carry on the work of educating the public in humanitarianism with the following objects —

(1) To adopt means for protecting animals as well as birds and fish from all kinds of cruelty (2) to educate public opinion as to the advantages of vegetarian diet from the points of view of health, economy and mercy, (3) to appeal to the authorities as well as the public to discontinue cruel customs and ceremonies, and (4) to take up strictly non political questions of human welfare

The League has secured 338 Patrons among whom there are eleven prominent Princes Besides these, there are several donors and life members The reserve and Trust Funds amount to Rs 386 000

The League issues a Gujarathi Monthly titled Shri Dayadya and pamphlets under Kendall Humane Publications

BOMBAY INSTITUTION FOR DEAF MUTES

Nesbit Road, Mazagon

The Bombay Institution for Deaf Mutes is essentially a school, being founded for the education of all deaf and dumb children irrespective of sex, caste or creed It is not an asylum or a hospital for defectives Boys may be admitted as boarders or day scholars and girls as day scholars only *It teaches* Speech speech reading and writing arithmetic and geography drawing, carpentry leather craft, tailoring, needlework, physical culture, drill and outdoor games Languages English, Marathi and Gujarati

Children below seven and above fourteen years of age are, as a rule, not admitted

Weekly holidays and vacations as in normal schools in Bombay

Orphans and very poor children are admitted free, as funds permit Religion is taught to Catholic pupils only, and good conduct and morals strictly attended to

Patron His Eminence the Cardinal Archbishop of Bombay

President —D J Ferreira Solicitor and Notary Public Bombay (Knight Commander of the Order of St Sylvester) President of the Governing Board of Sophia College for Women

Hon Secretary and Principal —J B St John, MA, LLB, Advocate (OS)

BOMBAY PINJRAPOLE

Post Girgaon, Bombay

This Institution being recognised as an Infirmary by Government maintains about 1 700 old disabled animals and birds annually giving them food shelter and medical attention in Bombay near Bhuleshwar (Head Office) and Bhiwandi, Raita and Chembur (Branches)

TRUSTEES Sir Jamsetjee Jejeebhoy Bart Sir Purshotamdas Thakurdas Kt Khimjee Shamji Chatrabhuj Gordhandas Narainan Khurshedji Suntook Pherozo Rustomji Pharacha Bar at Law Bomanji Pherozeshah Sett Prat psinh Mathuradas Ramdas Kilachand Lt Col I D Kothawala Tulsidas Mulji Vishram Devji Ratansey Bhogilal Laherchand Manoobhai Doongursi and Jivabhai Lallubhai

VETERINARY ADVISER Dr V S Rao GMVC

SECRETARY - Dashrathlal Mandal Thakor

BOMBAY PRESIDENCY WOMEN'S COUNCIL'S RESCUE HOME FOR INDIAN WOMEN

Rescue Home Premises, South Jail Road Umerkhadi

AIMS AND OBJECTS Succour of fallen women and girls and shelter for them Cosmopolitan

ACTIVITIES Rescue Home at Umerkhadi

BOMBAY SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS

Including

BAI SAKARBAI DINSHAW PETIT HOSPITAL FOR ANIMALS

Petit Building, 359, Hornby Road, Fort

The Society prevents the cruel treatment of animals and secures their welfare throughout Greater Bombay

The Society also offers curative treatment to sick animals at the Bai Sakarbai Dinshaw Petit Hospital for Animals

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CHILD GUIDANCE CLINIC OF THE TATA INSTITUTE OF SOCIAL SCIENCES

Bai Jerbai Wadia Hospital for Children, Parel

AIMS AND OBJECTS Helping children who present difficulties of adjustment and psychological problems Cosmopolitan

ACTIVITIES Treatment centre for children presenting difficulties of adjustment and habit personality and behaviour problems A laboratory for students of social work and students of child psychiatry The Clinic is open every day and new cases are registered on Tuesdays and Fridays Holds lectures for doctors Also lectures before parent teacher groups Mental testing is done at the Clinic The Clinic functions as part of the Tata Institute of the Social Sciences

Officer in Charge —G R Banerjee

CHILDREN'S AID SOCIETY

83, Lady Hardinge Road, Mahim

AIMS AND OBJECTS Help to forward the operation of the Bombay Children Act 1948 and to further the cause of correctional welfare of children in Greater Bombay

ACTIVITIES The David Sassoon Industrial School at Mahim The objects of the School are the reformation of Juvenile offenders and rehabilitation of the destitute and socially handicapped children

The Remand Home, Umerkhadi This was started in 1927 for temporary detention of destitute and delinquent children pending decision of their cases before the Court At present 550 children inclusive of 130 girls are sheltered and provided with the necessities of life

The Children's Home, Chembur Established in 1939 It is a Home for the less fortunate children in addition to being a Home for destitute and delinquent children

Home for mentally deficient children, Chembur Established in 1940

(For more details see under Homes for Destitutes)

COW PROTECTION AND BREEDING SOCIETY

Shri Gowardhan Sanstha (Registered), Wai, Poona & Bombay

At Poona the Sanstha has a model Dairy Farm of 150 acres, with "KASTURPA GOSHALA" the foundation stone of which was laid by Mahatma Gandhi Its work, carried on modern lines, has been greatly appreciated by Mr B G Kher, ex Chief Minister and Raja Maharaj Singh, ex Governor of Bombay Cows pure milk is supplied to the public It has saved nearly 25000 cows and bullocks and distributed them among farmers without charging any fee and has also helped them in every possible way

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DADAR SCHOOL FOR THE BLIND

Main Road, Dadar Bombay 14

The School was established in 1900 by the late Miss Anna Millard It was opened during famine times admitting blind of all age It gradually developed into an educational institution Its management has, since April 1, 1948, been with the Blind Relief Association of Bombay

The School is the only school for blind girls and infants of pre-School age It is a residential boarding school fully secular in character and charitable in conduct It aims at making the children self supporting and self respecting citizens and helps them take, as contributive members, their rightful place in society

General education is given up to Marathi Fifth Standard in all subjects In special cases however it is extended through the high school Extra curricular activities, such as, scouting and girl guiding excursions socials, musicals and dramatics, etc are a part of education Domestic science in practice is a special feature for girls as gardening and kindred work is for boys

Physical education plays an important part in the education of blind children who are normally slow in movements and sedentary in habits

Social education is no less important in building character and personality It has for objective elimination of certain inherent mannerisms in the Blind, which the sighted hardly overlook

Vocational education comprises work on cane, sisal and other fibres bead and other materials, knitting and sewing and occupational therapy This consists for the present of making rugs, tea cosies, string bags, paper work, etc

Music, both vocal and instrumental is by far the most wage-earning vocation for the Indian blind, and the school does its duty conscientiously in this regard It can boast of an orchestral party, composed mostly of little girls

Under the co-ordination scheme, sponsored by the Government through the State Council on Blindness, it is fast emerging as an exclusive institution for girls with co education only up to Kindergarten Standard Another scheme now under consideration is to open a section for a Sunshine Home Nursery School

President —Dr M Venkatrao, *Hony Secretaries* —Champaklal G Modi, B A, LL B, J P, Smt S R Potnis, B A, LL B, Smt Sudha V Bhandarkar, *Principal* —T K Ghosal, B Com

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EDULJEE FRAMJEE ALBLESS LEPER HOME

(Trombay)

The Home admits lepers of every caste, colour and creed, who are housed, clothed, fed and medically treated free of charge There is no interference with the religious belief of the inmates It is available for all lepers whether from the State town or from the mofussil It is maintained (*a*) from the proceeds of endowments made by several generous benefactors (*b*) from Government grant, (*c*) from donations and subscriptions collected from charitably disposed ladies and gentlemen

The Home is conducted by the Society of St Vincent de Paul

Address St Theresa's Church, Girgaum, Bombay 4

HAPPY HOME FOR THE BLIND

52, B D D Chawls, Worli

AIMS AND OBJECTS To reclaim poor blind boys and educate them Cosmopolitan

ACTIVITIES A home for the blind only for juvenile boys on an average 38 in all maintained

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HINDU WOMEN'S RESCUE HOME SOCIETY

(Shraddhanand Anath Mahilashram)

King's Circle, Matunga (C Rly) Bombay

The Women's Rescue Home Society was registered on the 22nd of December 1927 under Act XXI of 1860, with the following *main objects* —

(*a*) To provide shelter for and render assistance to Hindu women in distress without any distinction of class or caste,

(*b*) To promote the welfare of poor and destitute Hindu Women and children and provide them with prompt relief in their distress,

(*c*) To impart to such women, as part of their education, moral and religious instruction of the Hindu Faith

The Society is conducting the Shraddhanand Anath Mahilashram at Matunga

Trustees —The Hon'ble M R Jayakar, P C, Sheth Govindlal Shivlal Motilal, Sheth Rameshvardasji Birla, Velji Lakhamsi Nappoo, Jayantilal J Mulji

President —The Rt Hon'ble M R Jayakar, P C *Chairman* —Mrs Tarabai Manekial Premchand, J P *Vice-Chairman* —N H Pandia, Solicitor, Rao Bahadur S K Bole and B N Bhagwat, Advocate

Hon Treasurer —K H Dhamdhere *Joint Hon Secretaries* —S S Navare, B A, B V. Dhadphale

The Society has its own buildings at Matunga built at a cost of Rs 2,15 000 Its Rescue Home has been recognised as a Certified School by the Government of Bombay under the Bombay Children Act, 1948 The Bombay Government send to this Home female convicts under orders of conditional release The Home has an industrial side where sewing, weaving and embroidery are taught. Most of the girls and boys go to outside Schools and Colleges for their education The Society has a separate house to accommodate poor girl students with a view to making them self supporting The average number of inmates at the Ashram is 100 women and 105 children The monthly expenses exceed Rs 8,500

LEAGUE OF MERCY FOR THE STATE AND DIOCESE OF BOMBAY

St Thomas' Cathedral, Vir Nariman Street

The objects are to help European and Anglo Indian women and girls who are in distress and are unable to help themselves and to provide for children found destitute and neglected among evil surroundings

President —The Right Rev the Bishop of Bombay

Vice Presidents —The Venerable the Archdeacon Johnson, Christ Church, Byculla The Rev Canon C A Bolton, 19, Waudby Road

Hon Treasurer —Canon C A Bolton (*Acty*)

Hon Secretary —Mrs Mewton, Somerset Cottage, Warden Road, Bombay 26

LEGION OF MARY

St Theresa Church, Girgaum

AIMS AND OBJECTS Moral and social uplift Cosmopolitan

ACTIVITIES Regular and systematic visitation of homes hospitals, prisons and houses of ill fame Visitation of unmarried mothers with a view to making suitable arrangements for them

N S D INDUSTRIAL HOME FOR THE BLIND

B D D Chawl No 52, Worli

AIMS AND OBJECTS Welfare of the Blind. The Home admits adult Blind above 18 years The ultimate aim is to train the Blind in various industries and make them useful members of the society The Blind are trained in industries like caning weaving, book binding, string bags making and music The Home has an excellent orchestra of 20 blind inmates It works under the auspices of the Blind Relief Association Botawala Building Kalbadevi Road, Bombay There are at present 130 Blind inmates on roll

Hon Secretaries —Capt H J M Desai, M A , LL B , Lt G L Nardekar

POONA SCHOOL AND HOME FOR THE BLIND

Kandewadi, Girgaum, Bombay 4

The Poona School and Home for the Blind was started in 1934 under the auspices of the Blind Relief Association This institution is working in its own building at 14 17, Koregaon Park (North), Poona At present there are 45 blind students receiving free boarding, lodging and education in Braille, bidi making, weaving, music, vocal and instrumental at the hands of expert teachers The students are admitted without any distinction of caste, creed or domicile provided they are between the ages of 8 to 16 years Boys culprits sent by the Juvenile Courts are also admitted in this institution for training in Arts and handicrafts

This institution is run mainly by donations from the public and the small grants received from the Education and Technical Departments of the Government of Bombay

Honorary Secretary —Dr S R Machave, L C P S , Kandewadi, Girgaum, Bombay 4

PROBATION AND AFTER CARE ASSOCIATION, BOMBAY STATE

B I T Block No 33, King s Circle, Matunga

AIMS AND OBJECTS To help prisoners after release from jails To assist in the supervision of children placed on probation or under orders of Juvenile Court and who are released from certified schools under the Bombay Children s Act of 1924 To assist offenders discharged from the Borstal Schools in Bombay and undertake supervision of such offenders when discharged Cosmopolitan

ACTIVITIES Work in Bombay city is carried on with the help of probation officers, who make inquiries in respect of adults and about children dealt with by Juvenile Courts, and help released children Runs after care hostels in Bombay, Ahmedabad and Hubli The activities are conducted by the Local Government

PROF. DATE'S CHARITABLE DEAF AND DUMB INSTITUTE

Kalaram Mandir, Thakurdwar Road

AIMS AND OBJECTS Education of the deaf and dumb Cosmopolitan

ACTIVITIES Teaching in drawing, tailoring, needle-work and painting in addition to teaching them how to talk, read and write

SHEPPARD AFTER CARE ASSOCIATION

B I T Block No 16, Matunga Road, King s Circle Matunga

AIMS AND OBJECTS To give shelter and find job for boys discharged from the Children s Aid Society Cosmopolitan

SOCIETY FOR THE PROTECTION OF CHILDREN IN WESTERN INDIA

The Byramjee Jeejeebhoy Home, Matunga, Bombay

The Society maintains two homes, one for girls and the other for boys at King's Circle, Matunga

The Society did pioneering work of educating public opinion for the promulgation of Children's Act of 1924

President Sir Rustom Masani M A

Vice Presidents —Frank Oliveira, B A , LL B , J R B Jeejeebhoy

Chairman —Frank Oliveira, B A , LL B

Hon Secretaries —Lady Masani, Lady Kania, Mrs G B Secrval, Diwan Bahadur Dr J S Nerurker

Hon Treasurers —J R B Jeejeebhoy, N B Karanjia

VICTORIA MEMORIAL SCHOOL FOR THE BLIND

Tardeo Road, Bombay

Established in 1902 from the Victoria Memorial Fund, raised in memory of the late Queen Empress, and situated at Tardeo Road, Bombay

It is both a School and a Hostel There are at present on the rolls 70 boarders and four day scholars Gujarati and Marathi reading writing arithmetic object lessons, music as well as industries such as canework, tailoring, paper bag making, massaging are taught Besides, drill, gymnastics and moral instruction are also imparted The School is housed in a beautiful property of its own at Tardeo Road, which has cost Rs 2 40 000 with equipment

The total funds, amounting to the face value of Rs 1,82,600 are invested in Authorised Securities in the names of five Trustees

The Institution gets a grant in-aid from the Government and also a regular annual contribution from the Bombay Municipality

President —The Hon Mr M C Chagla, Chief Justice

Hon Secretary —J R Shroff, B A

Principal —K N K Jussawala, B A , B T

Matron —Mrs T C Ranikhetwala

FORT OFFICE—Sir Vithaldas Chambers, Apollo Street, Fort, Bombay

HOMES FOR DESTITUTES

ANATH HINDU BAL SANGOPAN

(Children s Orphanage)

Govind Keni Cross Road, Naigaum, Bombay 14

Started at Naigaum by R N Rajput on the birthday of Mahatma Gandhi A year later some ladies and gentlemen came forward as social workers and co operated with Rajput in his social cause

Aims and objects —To provide facilities for free lodging, boarding clothing and medical treatment including elementary, primary and secondary education to all helpless Hindu children of backward class especially to the children of Criminal Tribes such as Bhamtas, Phase Pardhis, Bhat, Kanjars, Mang, Garoodis, etc To impart Technical and Industrial education to poor Hindu children with a view to turning out efficient artisans and technicians in various technological arts and crafts, who would in time prove to be an asset to the country at large To provide shelter and render assistance to Hindu children in distress without any distinction of class or communities To promote welfare of poor and destitute Hindu children and provide them with prompt relief in their distress To impart to such Hindu children as part of their education moral and religious instructions of the Hindu faith and prevent them, without compulsion from conversion to other faiths To take up strictly non political questions of welfare of Hindu children To make all possible endeavours to establish branches of this Anath Hindu Bal Sangopan in different parts of the country To do all such other things as are incidental or conducive to the attainment of the above objects

How to help the Sangopan —By supplying clothes, by giving scholarships to students, by paying boarding charges of one or many students, by supplying school books or fees, by becoming 'patrons', subscribers or members of the Sangopan, by giving articles such as furniture, vessels, etc, for domestic or kitchen use, by giving donation, sending gifts, etc, on auspicious occasions like marriages, thread ceremonies, etc Patron Rs 100, Well wishers Rs 50, Helper Rs. 2 per month, Member Re. 1 per month

BENE ISRAEL HOME FOR DESTITUTES AND ORPHANS

Plot 92, Agripada, Jacob Circle, Bombay

The objects of the Home are —(*a*) To provide residence and support for destitutes and (*b*) to provide board residence and education for orphans and other helpless children in the Bene Israel Community

The Home is managed by the following Trustees —Benjamin A Kasooker (*Chairman*) B D Borgawker (*Hon Secretary*) N S Chettiker (*Hon Treasurer*) The remaining Trustees are M A Jacob, M Michael and M J Wasker

BENEVOLENT SOCIETY OF BOMBAY DISTRICT

2, Duncan Road opp Imperial Bank of India, Byculla

AIMS AND OBJECTS Abolition of vagrancies and provision of food shelter and clothing to the destitute Cosmopolitan

ACTIVITIES Maintenance of Sir J J Dharamshalla for the blind, crippled and destitute With 230 rooms

CHILDREN'S AID SOCIETY, BOMBAY

83, Lady Hardinge Road, Mahim, Bombay 16

A quarter century has passed since the inauguration of Children's Aid Society Bombay Founded on the 1st May 1927 the Society became the pioneer in child welfare work under the Bombay Children Act of 1924

Until 1938, its activities were mainly restricted to managing a Remand Home and a junior certified school on the premises of what once was a jail and at present this institution is a major service centre for all handicapped children coming to it for help

The Society in September 1939 launched an experiment which aimed to give expression to new trends in Corrections when it constructed at Chembur a major certified school on a cottage home plan This plan aimed at providing the juveniles with conditions conducive to the development of their physical and mental well being The agency had in mind particularly the case of a juvenile from the predominantly rural area The next two years saw the birth of a specialised institution for the care and treatment of the mentally deficient children the only one certified school of its kind in India

In July 1941 the management of a reformatory institution viz the David Sassoon Industrial School whose origin dated back to the year 1843 came to be handed over to the Society

Starting in 1927 with a budget of not more than Rs 40 000 to take physical care of about 125 children the Society today spends about a million rupees on the maintenance training and rehabilitation of about 3 500 children and provides them with services and positive satisfactions of life The agency thus helps 30 per cent of the total number of children being taken care of in the Bombay State

OFFICE BEARERS

PRESIDENT —Shri Morarji R Desai

VICE PRESIDENT Shrimati Indumati Chimanlal Seth

CHAIRMAN —Prabhashanker R Bhatt

HONORARY SECRETARY —Smt Indirabai P Joshi

HONORARY TREASURERS —Jamnadas K Kothari, Smt Savitri K Pitaj

Chief Officer and Secretary —Dr M S Subnis

FEMALE BEGGARS' HOME

Chembur

AIMS AND OBJECTS Training and employment of beggar offenders with a view to rehabilitation after expiry of detention Cosmopolitan

ACTIVITIES Trades tailoring weaving spinning clay modelling, paper bag making, brooms making gardening, etc Recreational games songs etc Two dispensaries—one for male beggars at the Receiving centre and the other for the inmates of the Home Government Institution

KING GEORGE V MEMORIAL

Infirmary and Lady Dhunbai Jehangir Home for the Destitute

The Infirmary has been established with the object of relieving the Hospitals of the City of incurable patients occupying the beds It has accommodation for 60 patients as also for 150 helpless and destitute beggars It is also a Certified Institution under the Bombay Beggars Act and has accommodation for 300 crippled beggars

Chairman —Dr E Moses M D , *Hon Secretary* —C M Desai, B A , LL B , J P , 45 47, Apollo Street, Fort, Bombay, *Hon Treasurer* —K S Sethna J P Royal Insurance Building 14 Jamshedji Tata Road Fort Bombay

LADY DHUNBAI JEHANGIR HOME FOR THE DESTITUTE

[See King George V Memorial]

NASSERWANJEE MANOCKJEE PETIT FUND FOR HELPING DESTITUTE INSANE ZOROASTRIANS

Petit Building, Hornby Road, Fort

This Fund was started by the late Nasserwanji Manockji Petit, with a sum of Rs 20,000 with the object of paying from the interest accrued on that sum the fees for admission into the Lunatic Asylum, Bombay of poor and destitute Parsees suffering from insanity, and also their monthly charges After the death of N M Petit his widow Bai Dinbai, made a further donation of Rs 30 000 to the fund Donations to the fund from the Parsi public are gratefully acknowledged The total fund was Rs 3 87 502 15 10 on 31st December 1952

SHEPHERD WIDOWS' HOME

Byculla

This Home was built with money bequeathed by H Shepherd of the Indian Navy It contains eleven rooms for widows two rooms having been added in 1906 in memory of Mrs Jane Houghland from a bequest made by her A Ladies Committee helps to augment the existing available funds in order that each widow shall receive a total monthly allowance of Rs 50 excluding any private source of income

Chairman —Venble A S H Johnson
Honorary Secretary —Mrs D Leach

SOCIETY OF N SRA DA PIEDADE

Casa Piedade, Hatibaug Love Lane Mazagon

Society's Asylum — Casa Piedade, Hatibaug, Bombay 10

OBJECTS —To assist the needy and destitute, irrespective of caste or creed and improve the moral condition of the poor under its charge The Society's Soup Kitchen supplies free meals to the poor Monthly subscriptions and donations will be gratefully received

ST CATHERINE'S HOME

Ambivli Off Versova Road Post Andheri

AIMS AND OBJECTS Rehabilitate fallen women and rescued girls and educate court committed and other children Cosmopolitan

ACTIVITIES A Home at Ambivli with 6 Departments 1 Nursery for illegitimate babies 2 Cottage for children too big for nursery but not big enough to join school 3 St Anne's Home for court committed and other children of school going age 4 St Agnes — Protective girls 5 St Margaretta for rescued women 6 Magdala for fallen women and girls

ORPHANAGES AND FOUNDLING HOMES

ABDULLA DAWOOD BAWLA MOHAMEDAN FEMALE ORPHANAGE

11, Chinchpokli Road

AIMS AND OBJECTS Education of destitute and orphan Muslim girls Sectional —for Muslim girls only

ACTIVITIES An orphanage for 50 girls with free boarding lodging and education Admit Juvenile Court cases Strict Purdah observed

BAI AVABAI FRAMJI PETIT PARSI GIRLS' ORPHANAGE

31, Pali Hill, Bandra

AIMS AND OBJECTS To provide a home and education of a practical kind for Parsi girls, orphaned or destitute or for girls in villages where there are no schools

ACTIVITIES The Orphanage accommodates 175 girls Gives besides, academic education, training in domestic science, home nursing, etc

BARBHAYA VANIK BALA ORPHANAGE
Godhbunder Road Vile Parle

AIMS AND OBJECTS Education of orphans and semi orphans
ACTIVITIES An orphanage for 20 girls

CURRIMBHOY IBRAHIM KHOJA ORPHANAGE
Jelang Road, Matunga Central Railway

AIMS AND OBJECTS Education of poor Khoja boys and orphans Sectional—for Khoja boys only
ACTIVITIES An orphanage for 41 boys providing free boarding, lodging and education and 22 as paying boarders

CUTCHI MEMON ORPHANAGE FOR BOYS
8, Jakeria Masjid

AIMS AND OBJECTS Education of poor Cutchi Memon boys and orphans
ACTIVITIES An orphanage for 42 boys, providing free boarding, lodging and education

FIDAI ACADEMY
Fidai Baug Murazban Road, Andheri

AIMS AND OBJECTS Education the poor and the orphan boys - open to all communities
ACTIVITIES Conducting a primary and secondary school in the Academy premises Providing the inmates with facilities of education food accommodation physical training etc The boys on attaining majority are helped in finding vocations of their liking Affairs managed by a committee of fifteen members

FIDAI GIRLS ORPHANAGE
Fidai Baug Murazban Road, Andheri

AIMS AND OBJECTS Education of poor Khoja Ismaili girls and orphans
ACTIVITIES An orphanage for 30 girls providing free boarding, lodging and education Also classes in cookery sewing and embroidery, etc

HAJI ZACKARIA HAJI AHMED PATEL MUSLIM ORPHANAGE
170 176, Kumbekar Street

AIMS AND OBJECTS Education of Sunni destitute boys and orphans Also of boys from Africa, etc
ACTIVITIES An orphanage for 68 boys with free boarding, lodging and education Juvenile court cases admitted

HASHIMIA BOARDING HOUSE
Jackeria Masjid Street

AIMS AND OBJECTS Education of Muslim orphans and poor boys, Sectional—for Muslims only
ACTIVITIES An orphanage and boarding school for boys between the ages of 5 and 17 Children of poor parents also provided with free boarding and lodging 40 boarders Boys given training in hand work and crafts

JENABAI FAZALBHOY HABIBBHOY ORPHANAGE
20, Dontid Cross Lane

AIMS AND OBJECTS Education of Muslim orphan boys Sectional —for Muslim boys only
ACTIVITIES An orphanage for 34 boys who are given free boarding lodging and education

J N PETIT PARSI ORPHANAGE
28, Bund Garden Road, Poona
BOMBAY OFFICE N M Petit Charity Fund, Petit Building, Hornby Road

The Institution was founded in 1888 and is situated in commodious premises in Poona The courses of instruction are both academic and technical Admissions are made by the Committee of Management All applications for admission must be made on forms of application obtainable from the Secretary in Bombay

President —Sir Dinshaw Petit, Bart
Secretary —D S Buhariwalla
Director —Adam A Mackay

KHOJA GIRLS ORPHANAGE
125, Jail Road East Habib House Bombay 9

AIMS AND OBJECTS Education and Rehabilitation of poor Khoja girls and orphans
ACTIVITIES School education upto S S C and domestic Arts Deserving cases are given further Vocational Training On marriage girls are given furniture clothes and jewellery

LADY NORTHCOTE HINDU ORPHANAGE
No 7, Chowpatty Road

This institution during its existence for the last 40 years has maintained and trained thousands of orphans Some of the past students have become prominent figures The institution through its training tries its level best to divert their lives into being the best of human beings

The institution supports about 200 orphans throughout the year and imparts to them literary as well as industrial training at a gross annual cost of Rs 75 000

MUSLIM BOYS ORPHANAGE
89, Kambekar Street

AIMS AND OBJECTS Education of Muslim destitute boys and orphans Sectional—for Muslim boys only
ACTIVITIES Free boarding lodging and education of 27 boys

MUSLIM GIRLS ORPHANAGE
69 Kambekar Street

AIMS AND OBJECTS Education of destitute Muslim girls and orphans Sectional - for Muslim girls only
ACTIVITIES An orphanage with 50 girls providing free boarding lodging and education, including housekeeping, and domestic training

NASSERWANJEE MANOCKJEE PETIT CHARITY FUND—(1888)
399, Hornby Road, Fort

This Fund was founded by the late Nasserwanjee Manockjee Petit for various charitable objects concerning the Parsis It consists of Limsetjee Nasserwanjee Petit Parsi Orphanage Poona Nasserwanjee Manockjee Petit Fund for helping destitute insane Zoroastrians Dinbai N M Petit Chawls for poor Parsis Balaram Street, Bombay Wanbai Framji Petit Chawls for poor Parsis Balaram Street Bombay The Nasserwanjee Manockjee Petit Sanatorium Bhimpore The J N Petit Sanitarium, Bordi Nasserwanjee Manockjee Petit Widows Home Mody Street Hirabai M Petit Widows Home Thakurdwar N M Petit Poona Hall and Fire Temple Poona and 31 miscellaneous funds in Bombay and other places The Fund is managed by a Committee composed of some of the leading Parsi citizens of Bombay

RANCHHODDAS CHATRABHUJ CUTCHI LOHANA BAL ASHRAM
63 Parel Road Chinchpokli Bombay 12

AIMS AND OBJECTS Education of destitute children and orphans Sectional—confined to Cutchi Lohanas
ACTIVITIES An orphanage for 150 children with free boarding, lodging and education

ST ANTHONY'S HOME
Bellasis Road, Byculla

The Home maintains —A Creche for abandoned and destitute babies a Home for orphan and destitute children, a kitchen for the poor where free meals are given daily, irrespective of caste or creed

St Anthony s Girls High School, a Boarding and Day School upto S S C, Special Kindergarten and Commercial classes

ST FRANCIS ASSISI ORPHANAGE
Mount Poinsur, P O Borivli

This Orphanage, one of the biggest in the State, with 500 little orphans, has no funds whatever and is supported by the daily donations of charitable people There is an English teaching school up to the XI standard, besides workshops for carpentry, printing tailoring and statue making The Orphanage is conducted by the Franciscan Missionary Brothers under the Jurisdiction of the Archdiocese of Bombay SUPERIOR —Rev Brother Leonard

ST. JOSEPH'S HOME AND NURSERY

Reynold's Road, Byculla, Bombay 8

The Home was opened in 1874 and transferred to its present premises in 1915

Object —To receive and shelter foundling babies and destitute orphan children, without distinction of caste or creed The Home is entirely dependent on the Archdiocese of Bombay under the patronage of His Eminence Cardinal Gracias, and on subscriptions and donations from the charitable public in and outside Bombay

AMBULANCES

BANDRA NURSING DIVISION

C/o St John Ambulance Brigade Overseas

Hours of work—24 hours

BOMBAY CITY AMBULANCE CORPS

205, Khetwadi Main Road (Tel 71120)

Pirbhoy Mansion, Sardar Vallabhbhai Patel Road (Tel 70840)

AIMS AND OBJECTS Training in Ambulance work Maintenance of an Ambulance Corps Cosmopolitan

ACTIVITIES Ambulance Service for 24 hours Lectures and demonstrations for volunteers, in First Aid, etc

BOMBAY NORTH AMBULANCE CORPS

Kasturchand Mills Estate, Dadar

AIMS AND OBJECTS To run an Ambulance Service for Bombay City and particularly Dadar area Cosmopolitan

ACTIVITIES To run an X ray Clinic Free Dispensary and Nursing Home at Moderate Charges Ambulance service for all 24 hours and the whole week—free or on a nominal charge

BOMBAY SUBURBAN MEDICAL AND RELIEF SOCIETY

C/o The Jasmine Ladies Welfare Union, Turner Road, Bandra

AIMS AND OBJECTS Medical aid for the poor Cosmopolitan

ACTIVITIES Maintenance of an ambulance car available for 24 hours of the day Supply of food, milk and medical amenities of the needy Education in health

BOMBAY SUBURBAN SOCIAL SERVICE LEAGUE AMBULANCE

C/o Verbal H Mehta, Jayant Villa, 11th Road, Khar

AIMS AND OBJECTS An ambulance service in the suburbs of the city between Borivli and Bombay Cosmopolitan

INDIAN RED CROSS SOCIETY

(Bombay State Branch)

141, Mint Road, Fort

President —The Governor of Bombay

Chairman —Dewan Bahadur K M Jhaveri, MA LLB

Hon Secretary —Dr J N Vazifdar, MBBS, MCPS

Hon Treasurer —C W Middleton

General Secretary —Capt. Khan Bahadur N J Vazifdar, MBE, LM & S, FCPS, FCS (Lond), JP

J J HOSPITAL AMBULANCE

J J Hospital, Bombay 8

Intended for carrying patients from or to their hospital only. Hours of work—8 a m to 8 p m (Tel 71103)

KING EDWARD MEMORIAL MEN'S INDUSTRIAL HOME

(The Salvation Army).

122, Ripon Road, Byculla

Brigadier C C Draper, ABSC., *Social Secretary*

MUNICIPAL AMBULANCE DEPOT

(For *Infectious Diseases*)

Arthur Road

Telephone 40599 or 41242

Hours of Work - 24 hours

Free for Infectious diseases within Greater Bombay and on payment of usual charges outside 'Dead Body Removal' Service on usual charges within Greater Bombay and outside

MUNICIPAL AMBULANCE DEPOT

(For all other purposes)

Byculla

Hours of Work—24 hours

N WADIA MATERNITY HOSPITAL AMBULANCE

Parel

Intended for carrying patients from or to their hospital only Hours of work—24 hours

S S BALSEKAR MEMORIAL AMBULANCE SERVICE

(Tel 44808) Talmakiwadi, Tardeo, Bombay 7

Object —To run and maintain ambulances, to render all possible help to suffering humanity

Chairman —A S Padukone

Hon Secretary —Dr B P Divgi

Joint Hon Secretary —V S Hattangadi

Hon Treasurer —N G Ubhayaker

ST JOHN AMBULANCE ASSOCIATION

BOMBAY STATE CENTRE

Main objects of the St John Ambulance Association —

The organisation of Ambulance Corps, Invalid Transport Corps and Nursing Corps And generally the promotion of instruction and carrying out works for the relief of the suffering, of the sick and injured in peace and war independently of class, nationality or denomination.

President —The Governor of Bombay

Chairman —Col Sir J N Duggan, KBF, CIE, DO (Oxon)

Hon Secretary —Capt N J Vazifdar, MBE, LM & S, FCPS FCS (Lond), JP

Office Address —141, Mint Road, Bombay 1

ST JOHN AMBULANCE BRIGADE (INDIA)

No 3 District, Bombay

District Headquarters —Red Cross and St John Ambulance Building, Town Hall Compound, Fort, Bombay

Commissioner —Col Sir J N Duggan, KBE, CIE, DO (Oxon), *District Surgeon* —Capt F N Kapadia, MD, *District Superintendent* Capt Khan Bahadur N J Vazifdar, MBE, LM & S, FCPS, FCS, JP, *District Superintendent, Nursing Division* —Mrs Khorshed N Kalyanivala

ST JOHN AMBULANCE BRIGADE (INDIA)

COSMOPOLITAN DIVISION

Registered 1st April 1914 Divisional Headquarters -Sir Byramji School, opposite Charni Road Station, Bombay *President* Lt Col J D Kothawala, CSt J, JP, AIRO (Retd), *Divisional Superintendent* S P Rane, SBStJ, STC, 141, Mint Road, Fort, Bombay 1

Objects —

(*a*) To afford holders of First-Aid Certificate from the St John Ambulance Association opportunities of meeting together with Ambulance and Nursing Brigades with the object of combining individual efforts for the public good

(*b*) To render First-Aid to the sick and the injured on public occasions, and to maintain in readiness a body of trained men qualified so to act

(*c*) To enroll a body of civilians qualified in First Aid and trained in ambulance drill, willing to supplement the public medical services in cases of natural disasters such as earthquakes, fires, floods, explosions and also in cases of riots and civil disturbances

(*d*) To train men in Ambulance Transport duties

(*e*) To develop and promote every means of rendering aid to the sick and the injured

ST JOHN AMBULANCE BRIGADE OVERSEAS

MUSLIM AMBULANCE DIVISION

152 154, Kambekar Street, Zakeria Masjid Phone No 70145

Divisional Surgeon —Dr G R Shaikh, B Sc , M B B S

Divisional Superintendent —Khan Saheb M J Baig, Mastanshah Baugh, Dimtimker Road, Bombay 8

AMBULANCE OFFICER —Sharef Abdul Hameed, Purkar Chambers, Khandia Street, Bombay 8

The Muslim Division of the St John Ambulance Brigade is a benevolent organisation having 30 active members on the roll who devote their spare time to alleviate the sufferings of the sick and the injured

ST JOHN AMBULANCE BRIGADE OVERSEAS

MUSLIM NURSING DIVISION

152 154, Kambekar Street, near Zakeria Masjid Phone No 70145

Divisional Surgeon —Dr H Y Khwaja M B , L R C P , F R C S (Eng), D L O (Lond)

Lady Divisional Superintendent —Mrs Khadija Shuffi Tyabji, J P

Lady Ambulance Officer & Lady Divisional Secretary —Mrs Sultana Fazlehusain

The Muslim Nursing Division is an organisation having 20 active members on its roll, who devote their spare time to alleviate the sufferings of the sick and invalids

ST JOHN AMBULANCE BRIGADE OVERSEAS

PARSI DIVISION

Lady Willingdon Building, 1

Mahatma Gandhi Road Fort Bombay

The Parsi Division of the St John Ambulance Brigade Overseas is a benevolent organisation of 105 members who work in the interest of the old Order of Chivalry—of which King George VI was the Sovereign Head and Patron They devote their spare time to alleviate the sufferings of the sick and the injured

Members are required to fulfil the condition of Efficiency every year as per Regulations hence the membership is a passport and qualification to undertake first aid duty They attend open air Public Gatherings Public Ceremonies or Processions Elections, Reviews Shows, Football Cricket, and Hockey Matches, Exhibitions, Races, Sports Places of Amusements, Railway Accidents, Fires, Disturbances, Strikes, House Collapses, etc , and on occasions where large bodies of people are present and where there is a probability of accidents occurring During the Bombay Docks Explosions on 14 4 1944 and two months after when demolition work was going on members rendered excellent service' as characterised by Military and Naval Authorities

The Division has extended its activities by holding Health Maternity and Infant Welfare Exhibitions jointly with the Parsi Nursing Division, with free admission to all, to educate the public mind on health rules The first Exhibition was held in April 1933 and the last in May 1938 It was visited on each occasion by more than 50 000 citizens of Bombay and Suburbs, as it was kept open for nine days each time They also held an A R P Exhibition for nine days in March 1942 to make the public air minded and it was equally successful The Division also organised classes for Air Raid Precautions More than 12 000 persons had been trained in the subject This includes A R P Instructors, A R P Personnel, Fire Fighters, Anti Gas Cleansing Personnel etc Members had also volunteered their services as A R P Volunteers on First Aid Posts as well as for military evacuation duty in World Wars Nos 1 and 2

REMOVAL OF SICK AND INJURED —The Division possesses three very comfortable Motor Ambulances and has a sufficient number of members qualified in Invalid Transport and renders service to remove the sick and the injured to Hospitals, Railway Stations, Sanatoria, X Ray Rooms day and night as far as possible

The Division also started a Cadet Division in 1925, which has proved a good feeder to the parent Division

The Division is maintained by Donations from the Parsi Community as a Society

It is the first Division in India to have a building of its own called Lady Willingdon Building, opened on 9th April, 1932, by Sir Frederick Sykes, the then Governor of Bombay

SWASTIK LEAGUE

Seth Varjivandas Motilal Swastik Mandir, Vithalbhai Patel Road, Bombay

Ambulance Service Tel No 70232

THE AIMS AND OBJECTS FOR WHICH THE SOCIETY IS ESTABLISHED ARE —

(*a*) Instruction on scientific lines in Physical culture and discipline by means of various kinds of athletic and open air sports and pastimes drills and parades and by other means

(*b*) Promotion of moral and intellectual development of its members and of an *esprit de corps*

(*c*) Bringing together persons of the various communities and creating and fostering in them feelings of good will, brotherhood peace and co operation

(*d*) Fostering and encouraging the spirit of practical benevolence and social service *inter alia* by establishing and maintaining an Ambulance Corps, by conducting First Aid and Home Nursing Classes and by other means

(*e*) Diffusion of useful knowledge relating to the objects of the Society by means of oral instruction publication of literature calculated to advance the said objects holding demonstrations etc , and making its members fit for the duties and responsibilities of citizenship

President —The Rt Hon ble Dr M R Jayakar, M A , L L B , Bar at Law F C , D C J

Vice Presidents —Mr Justice P B Gajendragadkar Seth V M Sarjiv B A Dr K S Bhiskar M A M D D P H Seth Jamnadas Meghji Vallabhdas Prof V G Rao B A , Bar at Law, O V H and D J Samaiya B A L L B (Advocate)

Chairman —M V Jayakar B A L L B , Solicitor

Jt Honorary Secretaries —M W Pradhan, B Sc L L B , Advocate S G Rane B A L L B

Jt Hon Treasurers —Dr V P Kamat, M B B S and G D Lovalekar

CONVALESCENT HOMES AND SANATORIA

BAI SHIRINBAI MANCHERJI CAMA CONVALESCENT HOME

56, Beramji Jijibhoy Road Bandra

AIMS AND OBJECTS To provide opportunities for recovery to Parsi males females and children Sectional confined to Parsis only

ACTIVITIES A Home for convalescent women and children at Beramji Jijibhoy Road, Bandra A Home for convalescent males at Bandra, and a Convalescent Home at Matheran for Females and Children (Tel 89 27)

BEL AIR SANATORIUM

Managing Trustee —Dr R B Billimoria

Wassiamal Building, Charni Road Junction

AIMS AND OBJECTS Relief and treatment of tubercular patients Cosmopolitan

ACTIVITIES A sanatorium fully equipped at Panchgani with a number of free beds for all communities Also equipped with modern medical and surgical treatment including lung resection

BILL NURSING HOME

Dadar

Chronic bed ridden cases the aged and the infirm whose diseases or disabilities have become incurable and are refused admission to other Hospitals are admitted to this Nursing Home so as to afford relief to the members of the family of such patients

This Home has now acquired three Plots of land at Dadar Wadala under the Bombay Municipality Scheme A public Charitable trust has been made of this Home Two of these three Plots will be occupied for erecting different Wards including Homeopathic Ayurvedic Natural Therapy, Obstetrical Surgical etc in addition to Allopathic for the future use of this Institution and the third Plot for building an Infirmary Home to enlarge the sphere of its present services for the aged and the infirm and thereby to fulfil a long felt want

Hon Principal Medical Officer and Managing Trustee Dr M C Bilpodiwala, M B B S J I

BOMBAY STATE ANTI-TUBERCULOSIS ASSOCIATION

Red Cross Building, Mint Road, Fort

Aims —To give financial help to institutions treating tuberculosis, to do propaganda work for the prevention, study, control, relief and treatment of tuberculosis

Runs Organised Home Treatment Clinic No 40, Municipal Chest Hospital Sewri

Membership —Annual Rs 5, Life Rs 100

CONSUMPTIVES' HOMES SOCIETY

Seva Sadan, Gamdevi, Bombay 7

FOUNDERS —The late B M Malabari and Dayaram Gidumal, *Patrons* —H H The Maharaja of Patiala, and Lady Navajbai Ratan Tata

Hon Secretaries —J F Kotwal Jal M Dotiwalla
Hon Treasurer P F Taraporevala

The main object of the Society is to establish Sanatoria for consumptives At present its activities are mainly confined to King Edward Sanatorium at Dharampur, R S (Simla Hills), with accommodation for over 110 beds—paying, part paying and free The treatment is carried out along modern methods including major surgery of chest—and it has a fully equipped Operation Theatre, a Laboratory, X rays Apparatus, Central Kitchens—to cater for all classes of patients There is a very commodious Recreation Hall with facilities for several indoor games, dramatic theatre, musical instruments and a library of books in several languages

Ag Medical Superintendent —Dr D S Sethna, MBBS, FCPS, *Senior Asstt Medical Officer* —Dr Miss Zita Nobre, MBBS, *Junior Asstt Medical Officer* —Dr J L Bhatia, MBBS

FRAMJEE DINSHAW PETIT PARSI SANATORIUM

Cumballa Hill

ACTIVITIES A sanatorium for the benefit of convalescent Parsis
Office —159 Petit Bldg Dr Dadabhai Navroji Road Fort, Bombay 1

KARLA SANATORIUM FOR TUBERCULOSIS, KARLA

(Founded by Sir Bhalchandra Krishna, Kt, in 1912)

OFFICE —Sir Bhalchandra s Bungalow, Girgaum

This Sanatorium for Tuberculosis at Karla near Lonavla (Poona District) is established for the use of people who may be suffering from Tuberculosis and who may desire to take the benefit of an open air Sanatorium Accommodation 18 paying patients and 14 non-paying poor patients The Khatau Makanji Convalescent Home consisting of two blocks, intended for non tubercular convalescents is located near the Sanatorium and is under the supervision of the Sanatorium authorities This institution is purely charitable and is conducted on funds raised for the purpose, and appeals to the public for further help

PECHEY PHIPSON SANITARIUM FOR WOMEN AND CHILDREN, NASIK ROAD

OFFICE—6, Apollo Street, Fort

Objects —To provide accommodation on the healthy plains of the Deccan for poor women and children resident in Bombay who are in need of a change of climate and whose circumstances do not admit of their taking a house The cottages are let furnished to families for one month at a charge of Rs 35 for a large cottage and Rs 25 for a small cottage to cover Ramoshee, Bheestie, and Halalkhore taxes

TUBERCULOSIS CONTROL

(Bombay Municipal Corporation)

Out patients are treated on all working days at the clinics at—
Princess Street —8 to 11 a m and 4 to 6 p m
Lorns Road — 8 a m to 12 30 p m
Tulbaug — 4 to 6 p m

Inpatients are admitted at the Group of Hospitals for Tuberculosis at Sewri as per the waiting list of patients maintained at the Princess Street Clinic

DISPENSARIES

BOMBAY HOMŒOPATHIC ASSOCIATION'S DISPENSARIES

I 311, Tardeo Road, Nana Chowk, Bombay 7 (main dispensary)

II Jamnadas Mody Kapol Nivas, 64, Cavel Street (near Ramwadi Eye Hospital)

At these two institutions, medical advice is given gratis to all patients without any distinction With a view to enlarging its sphere of activities, meeting expenses and creating a College and Hospital Fund, the Association levies a nominal charge of one anna per day s medicine (2 annas for adults at the main dispensary) Donations from public are gratefully accepted

FORT GRATUITOUS DISPENSARY

Ravelin Street, opp Excelsior Cinema

This Dispensary is supported by endowment funds and voluntary contributions There are special Eye, Dental, Gynæcological and Ear, Nose and Throat Departments under well known specialists Medical advice, medicines, spectacles and dressing are supplied free to poor patients of all castes and creeds

Managing Committee —Rustom S Powvala, JP, *Chairman*, *Members* —K S Powvala, Dr K P Mody, Dr Dadiba N Saher, Dr Jal R Patel, Sir Shapurji B Billimoria, Kt and Rustom Jivanji Mody, Bar at-Law, *Hon Superintendent*, Maj Dady F Vachha, *Secretary*

First Medical Officer —Dr P F Masani, MBBS, LRCP (London)
Second Medical Officer —Dr R S Sidhwa, BSc, MBBS
Ophthalmic Surgeon —Dr B H Pesikaka, DO
Gynæcologist —Dr (Mrs) T J Padshah
Dental Surgeon —Dr J D Kapadia, DDS (America)

Ear, Nose and Throat Specialist —Dr Kurshed J J Cursetji, BA, MBBS, BHy, MRCS (Eng) LRCP (Lond)

GIRDHAR JIVA CHARITY TRUST

88 Dadyseth Agiary Lane Bombay 2

HIZBUL HUDA

Iyabji Manzil, Dharamsey Lane,
Ibrahim Rahimtoolla Road

AIMS AND OBJECTS Free supply of articles in obsequial ceremonies Medical help to needy patients

ACTIVITIES Managing graveyards, running a dispensary and giving medical aid and general relief to members of all communities on occasions like riots

KESARBAI CHARITY TRUST

88, Dadiseth Agiary Lane, Kalbadevi Road

AIMS AND OBJECTS Medical relief for Hindu ladies and children and for Hindus generally Sectional—for Hindus

ACTIVITIES Free Dispensary for Hindu ladies and children and free Eye Clinic for Hindus

SANTA CRUZ RESIDENTS' ASSOCIATION CHARITABLE DISPENSARY

Ghodbunder Road, Santa Cruz

AIMS AND OBJECTS Free medical treatment to residents of the region Cosmopolitan—regional

ACTIVITIES The Dispensary is open on all days except Sundays between 8-30 to 11-30 a m and 4-30 to 6 30 p m

HOSPITALS

ADAMS-WYLIE MEMORIAL HOSPITAL

Wylie Road, Post Jacob Circle

This Hospital for the poor was built and equipped by Mrs Adams-Wylie in 1902 in memory of the late Lieut C H B Adams-Wylie, IMS, who died at Bloemfontein in 1900 The very poor only of all castes and communities are admitted for treatment The Hospital has a Dispensary for outpatients

ALBLESS OBSTETRIC HOSPITAL

Cruickshank Road, Fort

This Hospital is in the compound of the Cama Hospital and under the management of the Medical Staff of the latter It was built through the liberality of the late Mr Bomanjee Eduljee Albless and was opened in 1890 It is a Civil Hospital under Government

The Cama and Albless Hospitals are treated as one Institution These together contain 155 beds, of which the maternity beds number 88 There is one combined Medical Staff for both

AYURVEDIC HOSPITAL

Savitribhuvan, 87, Mughbhat Street, Bombay 4

Meant for all classes irrespective of caste, creed, sex or race Treatment is given on the lines of Ayurvedic system of Medicine, excluding that of surgical and eye cases

It has accommodation for 20 beds out of which 10 are allotted to Maternity and the rest for general—including minor surgical and eye cases There is also an Outpatient Department

Partly charitable Payment is asked according to the means of the patient

There is a small Operation Room for delivery, eye and other minor operations

The hospital is conducted by the Society named Ayurvidya Prasarak Mandal (Tel 25728)

General Secretary —Dr T R Naravane, A V V, L M Z G S

Doctors and Vaidyas —Vaidya G M. Abhyankar, *Physician* Vaidya J R Joshi, A V V (Tilak), *Resident Medical Officer*, Dr D G Shidore, L C P S, *Skin Specialist*, Dr T R Naravane, L M Z G S, *Midwifery*, Dr B N Zaveri, D O (Bom) and Dr R K Vaze, D O M S, *Eye Specialists*, Dr V N Navalkar, M B B S, *Physician* Dr Mrs Tilak, M D, *Specialist in Midwifery*, Vaidya S T Dhamankar

BAI JERBAI WADIA HOSPITAL FOR CHILDREN

Parel, Bombay (Tel 60494)

This Hospital was built in 1929 to the memory of Bai Jerbai Nowrosjee Wadia at a cost of Rs 16,67 150, towards which her sons the late Sir Cusrow Wadia and Sir Ness Wadia, each contributed Rs 4,83,575, and the Bombay Municipal Corporation Rs 7 00,000 It was endowed with 4 per cent Bombay Improvement Trust Bonds of Rs 15,00,000 face value at a cost of Rs 12,75,000 contributed by her sons the late Sir Cusrow and Sir Ness

Number of beds—135 Absolutely free Payment is only asked for penicillin or streptomycin treatment from those who can afford Everything else is free including X ray, Laboratory investigations, etc A fully equipped Operation Theatre is attached

Board of Management

Neville N Wadia J P (*Chairman*), Sir Jamsetjee Jejeebhoy Bart, H S Batlivala, H R Batlivala, (representatives of Nowrosjee Wadia & Sons), Dr S R Wadia, M B B S, A S Dina, Dr V A Kothari, L M (Dublin), Dr D S Munagekar (representatives of Bombay Municipality)

Honorary Principal Medical Officer —Dr R N Cooper, M S (Lond), F R C S (Eng), *Asst to Principal Medical Officer* —Dr S H Adenwalla M B B S, *Secretary* —N C Sethna, B Com

DR BACHA'S MEMORIAL BELLE-VUE NURSING HOME

'La Citadelle", next to Government of India Offices, Queen's Road, Marine Lines (Tel 26807, 32555)

Meant for all classes without distinction of creed or caste Has accommodation for 21 beds for patients with extra bed for relations free of cost, all are self-contained rooms with separate entrances Air conditioned rooms available Charges vary from Rs 15 to Rs 40 per day Up to date air conditioned Operation Theatre is attached with all modern Instruments

Doctors and Surgeons —Dr V R. Mirajkar, F R C S (Eng), Dr R N Cooper, M D (Lond), F R C S (Eng), Dr N K Sahiar, M.D (Lond), M R C P (Lond), Dr V L Parmar, F R C S. (Eng), Dr A V Baliga, F R C S (Eng), Dr D D Boovariwala, F R C S (Eng), Dr R J Katrak, F R C S (Eng), Dr R G Gindc, M S Dr K M Masani, M D (Lond), F R C S (Eng), Dr S B Mehta, F R C S (Eng), Dr S R Joglekar, F R C S (Eng), Dr V Sheth, F R C S (Eng)

BAI MOTLIBAI AND SIR D M PETIT HOSPITALS

Mazagon, Bombay

These Hospitals are exclusively meant for the treatment of diseases of women (Obstetrics and Gynæcological) They were opened on the 15th March 1892 by His Excellency the Right Honourable George Robert Canning Barron Harris, G C I E, then Governor of Bombay

The Hospitals accommodate 96 beds, 56 Obstetrics and 40 Gynæcological They are open to all nationalities Out-patients are seen in the morning and ante-natal cases in the evening, except Sundays but urgent cases are admitted at any time of the day and night

The Hospitals are situated along Mazagaon Road, next to the Out-patients' Department of the J J Hospital The students of the Grant Medical College attend here for clinical work

Superintendent —D P Settna, F R C S E. *Honorary Consulting Physician* Major S B Mehta F R C S E, I M S (Retd) *Resident Medical Officer* —N Y Angundi M D F C P S, B M S

BAI SAKARBAI DINSHAW PETIT HOSPITAL FOR ANIMALS

Parel

Established in 1883 under the auspices of the Bombay Society for the Prevention of Cruelty to Animals and founded by the first Sir Dinshaw Maneckjee Petit, Bart, at a cost of Rs 1 00,000 and named after his wife The management of the Hospital is under the direction of the Executive Committee of the Society

President —Sir Dinshaw Petit Bart

Vice-President —Miss S K Powvala

Secretary & Treasurer —P D Havewalla

BAI YAMUNABAI L NAIR CHARITABLE HOSPITAL

Dr A L Nair Road Jutha Street

The Bai Yamunabai L Nair Charitable Hospital originally started in 1925 by the late Dr A L Nair in memory of his late mother Bai Yamunabai was handed over to the Bombay Municipality from 1 11 1946 The Hospital provides free medical aid without distinction of caste creed or colour It also provides Clinical facilities to the students of the T N Medical College There are at present 330 beds

Dean —Dr S G Vengsarkar, M D, F C P S (Bom)

DR BALABHAI NANAVATI HOSPITAL

Ghodbunder Road, Vile Parle West (Opp Juhu Aerodrome)

Provision of free gynæc, maternity, medical and surgical treatment for poor patients to all Communities facilities for special rooms also available Deserving patients are treated at concessional rates Treatment and thorough outdoor investigations undertaken Fully equipped laboratory X ray, dental and ophthalmic departments Casualty department open at all hours (Tel 86033)

DR BHAJEKAR MEMORIAL HOSPITAL

Dr Bhajekar Street, off Sandhurst Road

A Nursing Home type of Hospital Open to any community or race, but preferably middle class Dakshini Brahmins Number of beds about 12 A free patient may be kept at the discretion of the Trustees Charges are made according to the financial circumstances of the patient and according to the service rendered There is a fully equipped Operation Theatre attached The patient can choose his own doctor or surgeon with the consent of the Trustees

Managing Committee —Dr M V Bhajekar, V V Oak, J C Shroff (Tel 71852)

BOMANJEE DINSHAW PETIT PARSEE GENERAL HOSPITAL

Bomanji Petit Road, Cumballa Hill, Bombay 26

Erected for the use of Parsees from subscriptions by the Parsees, Situation, facing the sea Site 50,000 sq yards Presented by Bomanjee Dinshaw Petit

Commodious accommodation for men, women and children for surgical and medical cases, separate obstetric, gynæcological ophthalmic, children's observation, out patients, blocks, well fitted operation theatre, dispensary, pathological laboratory, X ray room Blood Bank etc, separate quarters for resident doctors, nurses and servants

A nursing home as an annexe for Parsee patients sent by any Doctor of whatever nationality who is on the Bombay Medical Register Nursing Home fees Rs 15 to Rs 30

Management—General Board of about 120 and Executive Committee of about 24 members

President—Dhunjibhoy Bomanjee Petit

Vice President—Dr D N Suther

Honorary Medical Secretary—Dr H S Mehta, MS, FCPS, BMSI JP

Jt Honorary Secretary—D H Petit BA, LLB Attorney at Law

Honorary Treasurer—Sir Hormuzdyar P Dastur, Kt

Resident Medical Officer—Dr B I Pardiwala MBBS

Resident Secretary—N N Akolawala, BA

B P A MUNICIPAL FREE EYE HOSPITAL

Mun Street Kamathipura

Open to all Number of Beds—at present twelve to be increased to eighteen Hospital complete with *Operation Theatre*, Refraction Department

The Bombay Municipality is considering a scheme to expand the hospital premises and to utilise its vast clinical material for the teaching purposes of Municipal medical students

Managing Committee—Administered by the Health Department of the Bombay Municipality

Surgeons—Two Honorary Ophthalmic Surgeons attending on alternate days are Dr V V Gupte and Dr M K Sathe (*Tel* 41865)

BYRAMJEE JEEJEEBHOY HOSPITAL FOR CHILDREN

Mazagon, Bombay

This is the first Hospital in the whole of India meant exclusively for treatment of diseases of children It was opened on 14th November 1928 by Sir Leslie Wilson then Governor of Bombay The Hospital accommodates 100 beds 50 Medical and 50 Surgical Children below the age of 12 years are admitted and it is open to all nationalities Out patients are seen in the morning but urgent cases are admitted at any time of the day or night Arrangements provide for the admission of the mother along with the child in a few cases

The Hospital is situated along Mazagaon Road, next to the Out patients Department of the J J Hospital It can be reached by tram and by train The closest Western Railway Station is Grant Road, and on the Central Railway, Byculla or Sindhurst Road the latter is only a few minutes walk from the Hospital The students of the Grant Medical College attend here for clinical work

Superintendent—D P Settna FRCS *Honorary Physicians*—P M Udani, MD, DCH B D Patel MRCP DCH Dr V K Jungalwalla MRCI DCH *Resident Medical Officer*—V V Joshi, MBBS BMS

CAMA HOSPITAL FOR WOMEN AND CHILDREN

Cruickshank Road, Bombay

This is a Civil Hospital under Government and was opened on 30th July 1886 It bears the name of Jestonjee Hormusjee Cama a wealthy Parsee inhabitant of Bombay, who contributed Rs 1 71 722 towards its erection It is intended for the sole use of women and young children of all castes and denominations, and is entirely under the management of medical women and skilled nurses Number of beds 67 Connected with the Hospitals is a *Training School for Nursing and Midwifery* supported by the Dufferin Fund in which women of all races are trained in the various branches of Nursing and Practical Midwifery The Nursing Association has now been dissolved and Government have taken over the management of the Training School as well as Nursing arrangement at the Hospital

STAFF—Dr (Smt) M J Wadia, MD, FRCSL, LCIS *Medical Officer in charge* Dr (Kum) C H Limaya MBBS (Bom), DCOG (Lond) DGO (Dub) LM (Rotunda) BMS *Resident Medical Officer (Class II)* Dr (Kum) G B Advani MBBS BMS, *Resident Anaesthetist (Class II)* Dr (Kum) I H Patel BMS *(Class III)*

CITY FEVER (INFECTIOUS DISEASES) HOSPITALS

Arthur Road, Jacob Circle, Bombay

These Hospitals which are equipped and maintained by the Municipal Corporation, Greater Bombay reopened at Arthur Road on the outbreak of an epidemic of small pox in 1892 Previous to this, in the year 1888, the Bombay Municipality started a hospital at Grant Road called the Grant Road Infectious Diseases *Hospital* This hospital was generally opened during the epidemics of small pox and cholera and was closed during the rest of the year The hospital worked for four, six one and seven months during the years 1888, 1889, 1890 and 1891 respectively It was permanently closed on 26th July 1892, and the patients, furniture, etc, were transferred to Arthur Road This hospital was made ready for the admission of patients on 12th March, 1892 and was known as The Arthur Road Hospital for Infectious Diseases But when the small pox section was entirely separated from the general section, the name was changed to City Fever Hospitals In the beginning patients suffering from cholera and small pox were chiefly admitted and treated, but now patients suffering from all infectious diseases except leprosy and tuberculosis are treated here During the first outbreak of plague in 1896, patients suffering from the disease were treated at this Hospital, and then onwards till 1901 6 382 plague patients were treated Since 1901 the admission of plague patients into this Hospital was discontinued and a separate hospital known as Maratha Hospital was started for such cases in 1902 But from 1930 the Maratha Hospital is exclusively maintained for advanced tuberculosis and road side cases and the admission of plague cases in the City Fever Hospital was resumed

At present the hospital is divided into two units one for small pox and the other for all other infectious diseases except tuberculosis The accommodation in the former unit is for 254 patients and in the latter for 128 patients One separate ward with accommodation for 14 beds is reserved for Yellow Fever cases the maintenance cost of which is borne by the Government of Bombay The average number of patients treated has been constantly on the increase and the maximum number of patients treated on one day has reached over 800 during the height of small pox epidemic

Medical Superintendent Dr J K Thanawala *Resident Medical Officer*—Dr R S Deshpande

EYE CLINIC AND HOSPITAL

375 Hornby Road, Opp Flora Fountain

Run by Dr H D Dastoor, LCIS DO (Oxon) DOMS (Lond), together with a small staff of assistants It is a private Institution and the patients are charged fees for consultations and treatment Nursing Home facilities with an Operation theatre and with separate rooms and beds for operation cases open for any class or community

FAKHRI SURGICAL HOSPITAL

117 Ibrahim Rehmatulla Road, Bombay 3

Meant for all classes of people irrespective of any caste, creed, religion or nationality Has twelve beds (including two extra beds) Four beds are reserved for maternity cases rest being for medical and/or surgical cases of either sex One bed is free (for poor patients) There is a small Operation Room It is privately managed

Almost all the leading Physicians and Surgeons of Bombay attend patients when ever called for (*Tel* 71753)

Sole Proprietor—Dr F G Shah

FREE OPHTHALMIC HOSPITALS SOCIETY

Jehangir Merwanji Road, Poibavdi, Parel

AIMS AND OBJECTS Free medical and surgical aid to persons suffering from diseases of the eye, ear nose and throat and to provide facilities for teaching and research in ophthalmology Cosmopolitan

ACTIVITIES A Free Ophthalmic Hospital at Parel with an Out Patients department

GOCULDAS TEJPAL HOSPITAL

Carnac Road Bombay

It is a general hospital for Indian patients of all denominations Urgent cases are admitted at all hours of the day and night There is an Outdoor Department for men women and children which is open daily from 8 a m to 12 noon (Sundays excepted)

The hospital has accommodation for 234 beds including 16 beds for male and 8 beds for female T B patients and is provided with X ray and Electro Medical Department

GROUP OF T B HOSPITALS, SEWRI

(Municipal)

The three Municipal T B Hospitals, viz (1) Ramesh Premchand T B Hospital, started on 15 5 18, (2) Maratha Hospital and (3) Turner Sanatorium have now been grouped together at Sewri and a new hospital called Pahadurji Block added, under a common designation of Group of Hospitals for Tuberculosis, Sewri

The group has accommodation for 315 beds and lung tuberculosis cases of early as well as advanced stages are treated The Institution is fitted up with complete X ray equipment consisting of 3 X ray apparatuses and has a well equipped Operation Theatre The

treatment to patients includes some major operations and also X ray and Laboratory investigations like complete blood Sputum Urine and Stool examinations as well as vital capacity and basal metabolic rate estimations complete ear nose throat examination, etc and has the benefit of combined consultations of Medical and Surgical Staff A P and P P Refills are regularly given to the discharged patients at these Hospitals

The out patient department of the Group of Hospitals for T B is attached to the Princess Street T B Clinic where the Hon Medical Officers of these Hospitals conduct the outdoor in the mornings between 8 0 A M S T and 9 15 A M S T

STAFF

Medical Superintendent —Dr M S Kavarana M B B S, F C P S, D M R E, T D D (Wales) *Resident Medical Officer* —Dr I D Killawala M B B S, T D D (Bom), *Resident Medical Assistants* —Dr K B Patel M B B S Dr A R Patil M B B S, Dr A O Jagot M B B S Dr G I Thakur M B B S

NURSING *Matron* —Shrimati M A Dalal B P N A (Fully qualified)

JAMSETJEE JEJEEBHOY HOSPITAL

Babula Tank Road Byculla, Bombay

The Hospital was erected at the joint expense of the late E I Company and Sir Jamsetjee Jejeebhoy in May 1843 It contains 478 beds There is an Out Patients Department which is open daily from 8 30 a m to 10 30 a m (Sundays excepted) but urgent cases are admitted at any time of the day or night Two new pavilions have been attached to the J J Hospital Sir Sassoon David Hospital and Hajee Bibi Pavilion are attached to this hospital The venereal department is open day and night

Superintendent —D I Sethna F R C S E

JAMSETJEE JEJEEBHOY HOSPITAL NURSING ASSOCIATION

Byculla

The objects for which the Jamsetjee Jejeebhoy Hospital Nursing Association is established are—

To provide and maintain a body of trained nurses and midwives for employment in Bombay and elsewhere for private patients of otherwise and to give prizes and scholarships to deserving candidates

The sources of income are —Contributions from public bodies and individuals income from Justice Crowe's and other funds

Neville N Wadia (*President*) J R Talyarkhan (*Hon Secy and Treasurer*)

KHAN BAHADUR HAJI BACHOOALI FREE OPHTHALMIC HOSPITAL

Poibawdi, Parel

This Hospital was founded in 1914 with the object of giving free treatment for eye ear nose and throat diseases without any distinction of caste colour and creed and of providing clinical facilities for post graduate studies and research work It is conducted by the Free Ophthalmic Hospitals Society Treatment is given free but the operations are charged at Rs 10 but deserving cases are not charged It has an Operation Theatre attached Hospital working hours are 2 30 to 5 30 Indoor accommodation 80 beds Daily average out door attendance 250 (*Tel* 61192)

Chairman Hospital Committee —Dr Shridhar V Oak, *Secretary* Dr B D Telang *Hon Supdt* —Dr B D Telang

KING EDWARD VII MEMORIAL HOSPITAL

Hospital Avenue, Parel

The King Edward VII Memorial Hospital has been erected at the expense of the Municipal Corporation, contributions having been received from the funds collected by the King Edward VII Memorial Committee and from Government The Hospital is equipped and maintained as a general Hospital It has 510 beds There is an out-door department attached for men women and children which is open daily from 7 to 10 a m (S T) excepting Sundays A ward of 16 beds, constructed with the help of the Governor's Hospital Fund, for the treatment of patients suffering from venereal diseases was opened for the reception of patients on 15th June, 1936 In 1951 a new building with a fully equipped Blood Bank and an Occupational Therapy Centre and School was added to the Hospital The Hospital has arrangements for Physical Therapy Treatment A Prophylactic Immunization Centre and Family Health Centre are located at the Hospital

STAFF

Dr R G Dhavagude, M D (Bom) (Dean), Dr V V Jadhav M B B S (Asstt Dean), Dr N D Patel, M D, M R C P, L R C P, (Lond), M R C S (Eng), Dr J C Patel, M D M R C I (Lond), Ph D Dr Abdul Hameed M D (Bom) Dr M I Shah M R C P (Lond) M R C S (Eng) D T M & H (Lond), L R C P (Lond) Dr P Raghavan, M D (Bom), Dr R J Vakil, M D, M R C P (Lond) (*Hon Physicians*), Dr A V Baliga, F R C S (Eng) Dr K G Munsif F R C S (Eng), Dr G M Phadke, M B B S (Lond), F R C S (Eng), Dr M M Pandya, F R C S (Eng) Dr A E Desai, F R C S (Eng) Dr R G Gindi M S (Bom) (*Hon Surgeons*) Dr R J Kaltak, F R C S (Eng) M Ch (Orthopaedics) (Lpool), Dr A K Talwalkar, F R C S (Eng), M Ch (Orthopaedics) (Lpool) (*Hony Orthopaedic Surgeons*), Dr S G Joshi, M S (Bom) (*Hon Aural Surgeon*) Dr Miss P C Daroowalla M D (Bom) Dr K M Masani, M D (Lond), L R C S (Eng) (*Hon Gynaecologists*) Dr S N Cooper D O (Oxon & Bom) D O M S (Eng) (*Hon Ophthalmic Surgeon*) Dr Z J Joseph, M D (Bom) D M R I (Cantab) Dr L H Athle, M B B S D M R E (Eng) (*Hon Radiologists*) Dr B N Sircar, D A (Eng) (*Hon Anaesthetist*), Dr I A Fernandez, L R C P (Lond) M R C S (Eng) M R C I (Edin) (*Hon Dermatologist & Venereologist*), Dr N S Vahia M D (Bom) (*Hon Psychiatrist*)

MAHADEVI ANANDILAL PODAR HOSPITAL

Worli

This Hospital started working on the 14th January 1942 The (Medical) Hospital building is attached to the Rambilas Anandilal Podar College (Ayurvedic) near the Worli Sea shore for the practical training of students of the College It has accommodation for 90 beds in the medical surgical and maternity wards The medical side is on the Ayurvedic system under a highly qualified physician (Graduate of Ayurveda & Allopathy), surgical and maternity sides are under highly qualified surgeons

Fees are charged according to Government rates for those whose income is Rs 61 p m or more There is an operation theatre It is a Government Hospital administered by the Superintendent of the Hospital directly under the Surgeon General with the Government of Bombay (*Tel* 41295)

Superintendent Raj M K Shastri B A, B M S, Ayurvedacharya

MARWARI MEDICAL RELIEF SOCIETY

232 34, Kalbadevi Road

AIMS AND OBJECTS Free medical relief Cosmopolitan

MASINA HOSPITAL

Victoria Road Byculla

AIMS AND OBJECTS Treatment of all types of patients Cosmopolitan

ACTIVITIES The hospital has a surgical a medical, a maternity and a T B ward An average of 32 per cent of the total number of patients are admitted free (*Tels* 41105 42041 & 42042)

N M MENTAL HOSPITAL

Naupada, Thana, Central Railway

The Hospital is open to all classes Number of sanctioned beds —240 Males and 150 Females Number of patients—598 Males and 499 Females Both paying and non paying patients are treated Payment varies from annas 9 to Rs 3 12 0 per day according to the income of patients or relatives of patients There is an Operation Theatre Only Transorbital Leucotomy operations are conducted

Superintendent —Dr G A Bhagwat, B Sc, M D (Bom), B M S, D P I

NATURAL THERAPY CLINIC

Sumana House, 140 Cumballa Hill

Meant for all classes communities, races etc Number of beds—6 Charges —for in patients Rs 30 Rs 25 Rs 20 per day for Special Rooms (boarding and treatment inclusive) For out patients From Rs 5 to Rs 10 per day, depending on the mode of treatment Hospital is under private management (*Tel* 41721)

Doctor —Dr J M Jussawalla

NORTHCOTE POLICE HOSPITAL

New Nagpada Byculla

Exclusively meant for the Police patients Number of beds—114 Policemen of and below the rank of Head Constable are treated free of charge Officers of G B P Force of and above the rank of Jamadars are charged hospital fees at the rates laid down by Government, while receiving treatment as in patients in the Northcote Police Hospital, Bombay An operation theatre is attached to the hospital

Doctors —Dr H S Mehta M S, F C I S, B M S I *Police Surgeon* Dr D K Shirdkar B M S, D P H *First Asstt to the Police Surgeon* D R Rajput B M S, D P H *Second Asstt to the Police Surgeon* M G Khire B M S, D P H *Third Asstt to the Police Surgeon* Dr I S Mehta, I D Sc (Bom), D M D *Hon Dental Surgeon*

NOWROSJEE WADIA MATERNITY HOSPITAL

King Edward Road, Parel

The Nowrosjee Wadia Maternity Hospital, Parel, Bombay, was opened for confinement of women in the Mill area and also to give training in midwifery to medical students and nurses It was declared open on 13th December, 1926, by His Excellency Sir Leslie Wilson, the then Governor of Bombay, and patients were admitted from 15th December 1926

The cost of the land building and equipment was Rs 16 lakhs Sir Ness Wadia contributed 6 lakhs, and the Government and Municipality 5 lakhs each Sir Ness Wadia also contributed Rs 15 lakhs towards the Endowment Fund, which brings in Rs 60,000 a year as interest Besides the interest of Rs 60,000 on the Endowment which goes towards the maintenance of the hospital, the Government of Bombay and the Bombay Municipality share equally the balance of the expenses

The hospital is under the control of a Board of Management consisting of —

Neville N Wadia, JP *Chairman* Sir Jamsetjee Jejeebhoy Bart H S Batliwala Sir Vithal Chandavarkar, Kt Krishnaraj M D Thackersey, Dr B B Dikshit MB (Bom) MRCP (Edin) Dr D P Settna, FRCSE, Dr J Leon D'Souza MDBS, Dr P V Mandlik MBBS

STAFF

Dr K M Masani, MD (Lond), FRCS (Eng), Hon Principal Medical Officer

Dr Miss P C Daroowalla, MD (Bom)
Dr V N Shirodkar, MD (Bom) FRCS (Eng) } Hon Visiting Obstetricians
Dr D B Patwardhan, MD

PARAKH HOSPITAL

Sardar Vallabhbhai Patel Road

Established in 1910 with six beds It has accommodation now for about 40 beds Meant for all classes irrespective of colour, community or race Free as well as paying

Charges vary from Rs 7 per day to Rs 20 per day including food, general nursing and treatment Has a fully equipped Operation Theatre and Labour Room

Has General and Private Wards for Maternity and Major and Minor Surgical Cases including Diseases of Women (*Tel* 41366)

Doctors —Dr F R Parakh, Dr F Misquita, Major S B Meheta

PARSI LYING-IN HOSPITAL

The Institution was founded in a temporary building on Marine Lines on 21st March 1887 by the late Sir Jemuljee Bhicajee Nariman, Kt with co operation of other eminent members of the Parsi community The permanent building on Outram Road Fort, was completed and declared open on 11th January 1895 The cost amounted to Rs 1 00 500 which was subscribed by the community The Wadia Wing was provided at a cost of Rs 30 000 45 Patients are accommodated

PEOPLE'S MOBILE HOSPITALS

C/o Hon Gen Secretary
510, Moos Building, Kalbadevi Road

AIMS AND OBJECTS Medical assistance to the poorer classes and to the general public at their doors Cosmopolitan

ACTIVITIES Self contained and manned medical mobile units *cum* ambulances visits scheduled localities at fixed timings Minor operations performed and serious cases admitted to the hospitals (*Tel* 70404 41759)

RAMWADI FREE EYE HOSPITAL

36/69, 1st Cavel Cross Lane, Kalbadevi Road

Open to all classes It has accommodation for 26 beds No payment is asked for There is an Operation Theatre

Doctors Hon Ophthalmic Surgeons —Dr Chimanlal N Shroff, MBBS, DOMS (Lond), Dr Hiralal D Patel, MBBS, DOMS (Lond) DO (Oxon), Dr D G Vyas, MBBS, DOMS (Lond), Dr B D Tclang, MBBS, DOMS (Lond), Dr V S Talwalkar, MBBS, DO (Bom), DO (Oxon), *Hon Consulting Physician* — Dr C V Talwalkar, MD (Bom), MRCP (Lond) *Hon Consulting Surgeon (Ear, Nose and Throat)* —Major M B Thakore, MBBS, FRCSE, IMS, *Hon Anæsthetist* —Dr J J Merchant, MBBS, *Hon Assistant Ophthalmic Surgeons* —Dr M H Joshi, LCPS, DOMS (Bom) Dr B N Jhaveri DOMS, DO (Bom) *Refractionist* —Dr B P Purohit, LCPS, *Hon Bacteriologist and Pathologist* — N D Shah BSc

SIR COWASJEE JEHANGIR OPHTHALMIC HOSPITAL

Bombay

The Sir Cowasjee Jehangir Ophthalmic Hospital is situated at the South-West Corner of the J J Hospital Compound It is named after the first Sir Cowasji Jehangir, who contributed towards the erection of the building, and the Hospital was built in the year 1866 The second Baronet made a further contribution towards the new wing which was completed early in 1909 The Baronet further made a donation of Rs 1,50,000 towards the re-building and extension of the Hospital which was constructed and taken into use from October 1930 The whole hospital has now been brought well up-to date and ample provision also exists for the treatment of out-patients

The out patients are admitted between 8 and 10 a m while urgent accident cases are treated at any time by the House Surgeon of the Hospital in the absence of the Surgeon

Superintendent —Dr D P Settna, FRCSE, *Hon Consulting Ophthalmic Surgeon* —Col Sir Jamshetji N Duggan, Kt, CIE, KBE DO (Oxon), *Honorary Ophthalmic Surgeons* —Dr V K Chitnis, DO (Oxon), FCPS, Dr H D Dastur, DO (Oxon) DOMS (Eng), FCPS, *Honorary Assistant Ophthalmic Surgeons* —Dr B B Velankar, MBBS, DO, P B Banaji, MS, DO, DOMS, FRCS (Opth), *Honorary Refractionist* —S E Huscin, DO, DOMS, *Resident Medical Officer* — Dr V V Joshi MBBS MBS, *Assistant Resident Medical Officer* —Dr V P Pandya, MBBS, DO, BMS

SIR CURRIMBHOY EBRAHIM MEMORIAL DENTAL COLLEGE & HOSPITAL

Byculla, Bombay 8

The Institution trains candidates for the degree of Bachelor of Dental Surgery (B D S) of the Bombay University

The course is of 4 years duration and the minimum entrance requirements are that the candidate must be I Sc B Group of the Bombay University or its equivalent recognised by the Bombay University

The Hospital attached to the College is very nicely equipped and all types of dental treatment is given to the patients

SIR HURKISONDAS NUROTTUMDAS HOSPITAL

New Charni Road, Bombay

Established in 1925 from the fund bequeathed to charity by Sir Hurkisondas and Lady Mankorbai, amounting to Rs 7,91,000 The public have also subscribed liberally

The Hospital has accommodation for 250 beds out of which, 160 are free Narandas Manordas Nurses Training College and Hospital New Nurses Quarters, were declared open by late Sardar Vallabhbhai Patel during the Silver Jubilee Week in May 1950

Up to-date X ray, Dental and Pathology Departments are attached to the Hospital The Pathology and X ray Departments are open to the public, irrespective of caste or creed

Leading doctors are on its staff and the Hospital is governed by the Managing Council consisting of prominent citizens of Bombay

Doctors Dr J L Desai DMRE (Cantab) Dr P M Desai, DMRE (Cantab) (*Hon Radiologists*) Dr B B Yodh, MRCP (Lond), Dr N J Modi, MRCP (Lond) Dr M J Shah, MRCP (Lond) (*Hon Physicians*) Dr V L Parmar, FRCS (Eng) Dr M V Modi FRCS (Eng), Dr S J Mehta, FRCS (Eng), Dr K G Munsif, FRCS (Eng) (*Hon Surgeons*), Dr S B Trivedi, LM (Rot), MRCP (Edin) (*Hon Gynæcologist*) Dr V M Desai, DDS (U S A), FICD (*Hon Dental Surgeon*)

ST. GEORGE'S HOSPITAL

Frere Road, Fort

The St George s Hospital, Bombay is a General Hospital open to all classes of public without distinction of race, caste or creed There is a special lying in ward Emergencies are received at all hours of the day and night Out patients are attended to daily between 8-30 a m and 10-30 a m on week days Visiting hours are from 4 p m to 6 p m There is also a Nursing Home attached to this hospital

The daily fees for the General Wards are as per Notification No 1692/33 dated 5 4 1949 of Health and Local Government Department

Lying-in ward —Fees based on income of the husband of the patient plus special Maternity fee equal to five times daily ward charges

Children Ward —At the rates as per parent's income

Nursing Home —Rs 17 per day

Superintendent —Dr A K Pardhy, MA, MB, B Chir (Camb), FRCS (Eng)

SUBSIDIARY POLICE HOSPITAL

New B D D Chawl No 6, Naigaum

The hospital is exclusively meant for Police Patients There are 40 beds Same rules which are applicable to Northcote Police Hospital are applicable to this hospital also No Operation Theatre.

Doctors —Dr H S Mehta, M S, F C P S, B M S, I, *Police Surgeon*, D J Chauhan, B M S, II, *Medical Officer*, K S Gupta (Raja), B M S III *Officer*

SURGICAL NURSING HOME AND FRACTURE CLINIC

16, New Queen's Road, Next to Opera House Cinema, Bombay 4

Open to all, irrespective of class, community or race There are 10 beds and it is a private paying Nursing Home having a well equipped Operation Theatre (*Tel* 34941)

Managing Board —Dr R G Talwalkar, F R C S (Eng), Dr M G Talwalkar, F R C S (Eng), Dr G R Talwalkar, T D D (Wales), *Tuberculosis Specialist* Dr C G Talwalkar, D M R E (Lond), *Radiologist*, Dr S G Talwalkar, D A R C P S (Lond), *Anæsthetist*, Dr M G Talwalkar, F R C S (Eng), Dr R G Talwalkar, F R C S (Eng), *Surgeons* Dr V S Talwalkar, D O (Oxon), *Eye Surgeon*, Dr M S Talwalkar, M D, *Specialist in Women's Diseases*, Dr N G Talwalkar, M D, M R C P (Lond), Dr C V Talwalkar, M D, M R C P (Lond), *Physicians*

SURGICAL NURSING HOME AND LYING IN HOSPITAL

Belle Ville, Cumballa Hill

Open to all It has 25 beds Patients are charged Has an Operation Theatre attached Managed by prominent Doctors

TATA MEMORIAL HOSPITAL

Hospital Avenue, Parel

This Hospital, founded by the Trustees of the Sir Dorabji Tata Trust for the purpose of investigation and treatment of cancer and allied conditions, was opened by the Governor of Bombay on 28th February, 1941 The hospital is devoted to the treatment of one type of disease and almost all the medical and scientific members of its staff are full time workers The building has been planned on lines similar to the New Memorial Hospital at New York and its specialised function has been responsible for its unique design and conception in this country

The Institute is equipped with the most modern scientific appliances for diagnosis and treatment

X ray and Radium Department —Besides very efficient diagnostic units for specialised work, the X-ray Department is fitted with high and low voltage appliances for superficial and deep radiation therapy Two grammes of radium costing nearly 2 lakhs of rupees are put into solution and the emanated gas—radon—is extracted, purified and collected in gold and glass tubing The quantity of gas is accurately measured and the tubes after calibration and sealing are supplied in specially designed applicators for the treatment of patients in different regions of the body

Surgical Department —There are three up-to-date operating theatres built with walls of glass bricks on one side to exclude dust and other extraneous material and to let in sufficient light during day time The theatres are all air conditioned and the incoming air is filtered, sterilized, cooled and dehumidified before being distributed by means of ducts The supply of oxygen, nitrous oxide and compressed air is ensured through pipes from a central supply room.

Laboratories —There are well-equipped pathological, chemical and physics laboratories, where routine work and investigations are carried out on material sent from the clinics The Hospital has facilities for storing and preserving blood or plasma and blood transfusions are undertaken in serious cases at very short notice

The Hospital has a maximum capacity of 100 beds It is essentially a charitable institution but private patients are expected to pay a fee

The Out-Patient Department is open from 9 a m to 1 p m on all days except Sundays

Heads of Departments —Col P B Bharucha, O B E, D S O, F R C S (Eng), I M S (Retd), *Superintendent*, Dr V R Khanolkar, M D (Lond), B Sc (Lond), *Hon Director of Laboratories* Dr K P Mody, B A, L M & S, M R C S, L R C P, D M R (Eng), *Director, Dept of Radiology*, Dr J C Paymaster, D C O G (Lond), F R C S E, *Chief Surgeon.*

TUBERCULOSIS NURSING HOME

20, New Queen s Road

Meant for all classes, creed and community Has ten beds All are charged Charges are moderate and vary from time to time There is an Operation Theatre in the Polyclinic Nursing Home (*Tel* 34614)

Proprietor and Chief Medical Officer —Dr Bhasker Patel, M D, M R C P, T D D

VENEREAL DISEASES FREE CLINIC, BOMBAY MUNICIPALITY

254, Bellasis Road

This is an Institution for the prevention and treatment of Venereal Diseases

The clinic is open morning and evening Men, women and children suffering from Venereal Diseases are treated free of charge There is also a Prophylactic centre at this clinic for Prophylactic treatment which is open day and night Facilities also exist for examination of blood sent by Medical Practitioners for the diagnosis of these diseases free of charge

WORLI GENERAL HOSPITAL

Sea Face Corner, Bombay 18

Open to all classes, irrespective of caste, creed or community It has 25 beds, 20 beds semi paying open to all with an income of below Rs 200 per month Five nursing home beds Rs 20 to Rs 30 for a stay upto 15 days including operation charges, X rays, Laboratory investigations, ordinary medicines and injections

Has a fully equipped Operation Theatre suitable for any major abdominal and chest surgery, with full set of endoscopy instruments including gastroscopy, Operating cystoscope, etc There are Medical, Surgical, Gynæcological and Ophthalmic and Dental out patients dept X ray and Electromedical dept having two X rays, Electroencephalography Dept and Electrocardiography Dept Clinical Laboratory fully equipped for all the routine tests, Blood Bank Dept (Tel 74003)

Doctors —Dr Kanti J Sheth, F R C S, *Surgeon Supdt and founder of the Hospital*, Dr A H Nakhooda M R C P *Hon Visiting Physician* Prof S G Talwalkar D A R C P & S, *Hon Consulting Anæsthetist*, Dr S S Daruwalla, M D *Hon Visiting Gynecologist*, Dr S M Charagaonkar D O *Hon Visiting Ophthalmic Surgeon* Dr (Miss) Mira N Shroff, M D, *Hon Visiting Pediatric Physician*, Dr Adil S Batliwalla M B B S *Hon Visiting Pathologist* Dr D S Sabnis, L D S, *Hon Visiting Dental Surgeon* Dr N J Kothari M D, *Hon Visiting Psychiatrist and Electroencephalographyst*, Dr M B Vangikar M B B S, *Resident Medical Officer*

MATERNITY, CHILD WELFARE AND HEALTH CLINICS

AGA KHAN'S HEALTH CENTRE

Ismail House, Nishanpada Road

Aims and Objects Maternity and Infant Welfare in the Ismaili Community Sectional—for Ismaili Khojas

Activities Maternity and Child Welfare Clinics Health Visits, lectures and films on Health topics and Baby shows (*Tel* 42710)

ANDHERI MATERNITY & NURSING HOME

Opposite Gazdar Hall, Ghodbunder Road, Andheri

A private nursing home, meant for all classes and communities Number of beds—8 Patients are charged for Ordinary class Rs 75 for maternity cases for ten days Special class single room for one bed Rs 150 for maternity cases

Medical and Surgical cases are not admitted No Operation Theatre but there is a Labour Room (Tel 86010)

Managing Committee —Dr R P Bhatt, M B B S, Dr M R Bhatt, M B B S

BOMBAY CLINIC

Indra Bhuvan, 514, Sardar Vallabhbhai Patel Road, Bombay 4

Meant for all irrespective of class, creed, religion or race Has 25 beds Patients are charged Nursing Home fees from Rs 10 to Rs 25 a day Equipped with Operation Theatre and X Ray facilities and Laboratory

Managed by Resident Medical Officer, House Surgeon, Lady Almonar, X Ray Assistants and Managing Secretary

Surgeon —J A Dhacka, F R C S (Eng) (*Tel* 70534, 34197)

BOMBAY MOTHERS AND CHILDREN WELFARE SOCIETY

(No 10, B D D Chawl, DeLisle Road, Bombay No 11)

OBJECTS —To promote Maternity and Child Welfare in Bombay State

ACTIVITIES (1) *Bombay City Section* There are two Maternity and Child Welfare Units two Child Welfare Centres one Creche and one Health Visitors Institute in the city of Bombay (2) *Mofussil Section* There are six Welfare Units 1 Maternity Centre, 3 Maternity and Child Welfare Centres 7 Child Welfare Centres and one Health School at Khed (Dt Poona)

President — Shrimathi M D Pappal *Chairman* — Lady Cowasji Jehangir *Jt Hon Treasurers* —Khushru S Sethna, I P and Dr Socrates Noronha *Jt Hon Secretaries* —Dr H V Tilak, F R C S and Dr K S Bhaskar, M A, M D

BRAHMAN SABHA BHASKAR MATERNITY HOSPITAL

9, Benham Hall Lane Girgaum, Bombay

This Charity Hospital started in February 1932, has 32 beds and is managed by Brahman Sabha under the supervision of Dr K S Bhaskar, M A, M D B Sc, D P H, D T M & H It is recognised by the Bombay Nurses, Midwives and Health Visitors Council for Midwifery Training

CALCUTTA NURSING AND MATERNITY HOME

Sita Niwas Parel opp Central Rly Workshop

Exclusively for Mental and Maternity cases also general cases are treated Has 14 beds There is an Operation Theatre attached It is a proprietary concern Besides treatments mentioned it also offers electric shock, narcosynthesis ice water bath shock, the occupational therapy and psychoanalysis treatments for mental diseases

COLABA MATERNITY HOME AND DISPENSARY

3rd Pasta Lane, Colaba

Open to all classes of people irrespective of caste, creed or race Has eight beds Patients are charged Single Private Room for ten days with food and medical attendance Rs 200 Double Room for ten days with food and medical attendance, Rs 150 It is a private maternity home owned managed and run exclusively by Dr Mrs Kishni Anand (*Tel* 33992)

COLONY NURSING HOME

Sir Bhalchandra Road Matunga (Central Rly)

Open to all classes and communities Number of beds 22 Patients are charged Special Room Rs 6 per day and general ward Rs 10 per day A fully equipped Operation Theatre is attached

Doctors — Dr C M Phadke M B F R C S *Surgeon*, Dr V N Shirodkar, M D, F R C S *Gynæcologist*

KANCHANGAURI MANGALDAS PAREKH MATERNITY AND GYNÆCOLOGICAL HOSPITAL AND DISPENSARY

Dr Phadke Street Sardar Vallabhbhai Patel Road

Open for all Number of beds 40 Charges for treatment of delivery for 12 days Rs 40 inclusive of food medicine milk etc expenses except that admission to patients whose husband's income does not exceed P 100 is free Operation Theatre and Pathologist Department with the latest equipment attached Charges are nominal Operation is performed free if one cannot afford to pay (*Tel* 71401)

Honorary Staff — *Hon Consulting Obstetricians* Dr J Jhirad, M D (Lond) Dr Chimanlal M Mehta F R F P S G L M, *Hon Obstetricians* Dr Sarlaben I Sheth M D I C O S, Dr Vasantiben K Vakil, L R C P, M R C S, L M, *Hon Physicians*, Dr B B Vodh, M R C P (Lond) *Hon Surgeon* Dr Ramanlal I Desai F R C S E D T O (Lond) *Hon Pediatrician* Dr K C Shah M R C O G (Lond), D C H (Eng) D A S (Eng) *Hon Anæsthetists* Dr Janak H Mehta D A Dr Jamnadas J Merchant M B B S Dr Jugalkishor I Merchant D A *Hon Pathologist*, Dr Ramesh C Desai M D (Path)

KHATAU MAKANJI FREE DISPENSARY & BHATIA MATERNITY AND NURSING HOME

Fort

The organization and management of this Home is undertaken in Bombay since 1922 by the Nursing Service Department of the Poona Seva Sadan Society, on the lines and conditions laid down for it, at the invitation of the late Seth Mulraj Khatau Its aims are to render free medical aid of various kinds in a suitable form to the women and children mainly of the Bhatia Community in Bombay and the suburbs The scheme is now managed under the direct supervision of the sons of the late Seth Mulraj Khatau and includes (*a*) one Antenatal and Infant Welfare Centre for women and children of mothers conducted by one lady doctor and (*b*) a Midwifery service at the homes all aiming at the reduction of the rate of high mortality among mothers and infants The scheme has achieved most fruitful results in reducing the rate of mortality among mothers and infants

LAXMIBAI MATERNITY HOME

96, D Souza Street, Wadgadi

Started by the late Mr Keshavji Dhamji and the late Mr Channabhai Paraj in memory of their mother Laxmibai Open for Hindus There are 26 beds Treatment is free Donations are however accepted if paid The maternity home has an up to date Operation Theatre (*Tel* 24918)

Hon Physicians and Surgeons Dr (Mrs) Padmaben Mehta M D Dr (Miss) Bharati Kothary M B B S F C P S Dr (Miss) Radha Nagneshwar M B B S Dr O J Shah M D F R C S Dr M C Kothari F C P S (*Hon Superintendent*)

MARINE HOSPITAL AND MATERNITY HOME

(New Marine Lines Bombay)

This is a private institution started in April 1948 jointly by Dr Parsram Bulchand M B B S Retired Civil Surgeon his son *Dr* Girdhari M B B S and Dr (Miss) Devi Vahram, M B B S, D M D G O (Lond) Obstetrician and Gynæcologist

It has 6 indoor beds and an operation theatre and a small clinical Laboratory Charges for an indoor patient are Rs 5 to Rs 10 per day, and an extra fee is charged for operations

MODERN CLINIC

Near Pratibha Samaj Sardar Vallabhbhai Patel Road

Meant for all communities Number of beds 6 Patients are charged at Rs 8 per day per bed Operation Theatre is attached It is a proprietary concern owned by Dr K U Bhatakia, M D and Dr C S Worah, M S (*Tel* 70106)

Doctors attached Dr K U Bhatakia M D, *Physician* Dr C S Worah M S, *Surgeon* Dr C M Kundar I M, D R C O G, *Gynæcologist*

NORTHCOTE NURSING HOME LTD

Ormiston Road Apollo Bunder

Open for all classes, communities and races 27 beds for medical, surgical and maternity cases Charges ranging from Rs 20 to Rs 35 per bed per day A fully equipped Operation Theatre and a Labour Room are attached

Mrs V N Adenwalla N R Adenwalla *Managing Director* R C Doodhmal, Dr P K Antia M B, B S *R M O*, Dr B R Billimoria L R C S *R M O* Consulting Room in the Nursing Home All the leading consultants bring their cases to this Nursing Home and treat them here (*Tel* 35123)

DR PURANDARE MATERNITY, GYNÆCOLOGICAL HOSPITAL AND RADIUM INSTITUTE

4 Chowpatty Seaface

Meant for all classes, communities and races Number of beds—88 Patients are charged depending upon the type of operations performed and nature of delivery There is a well equipped Operation Theatre

Benign and malignant conditions of the female genital tract are treated with radium Besides the histopathological department and Research Laboratory, departments of medical photography, X ray and library are also attached to this hospital (Tel 23020)

Doctors —Dr N A Purandare, M D, F R C O G, F C P S, Dr B N Purandare M D, F R C S, F C P S, L R C S, Dr V N Purandare, M D, Dr V P Desai, I M & S, D G O

TALWALKAR NURSING HOME AND MATERNITY HOSPITAL

153B, Hindoo Colony, next to Ruia College, Bombay 19

Admits medical surgical, eye, ear nose throat, fracture Ortho paedic fever and maternity cases under expert supervision of highly qualified doctors and is open to all members of medical profession, who may admit and treat their own cases Stay charges Rs 8 to 18 per day Concession rates to cases staying for long time at the discretion of the Managing Committee

DR TILAK AND DR KAIKINI'S SURGICAL AND MATERNITY HOSPITAL

331, Charni Road Bombay 4

Meant for all classes of people Number of beds—30 Patients are charged There is an Operation Theatre attached

Doctors -Dr H V Tilak, F R C S (Edin), Dr V M Kaikini, F R C S (Edin)

VIENNA CLINIC AND MATERNITY HOSPITAL

53, Portuguese Church Street, Dadar

Meant for women only of all classes irrespective of any caste, race or community It has eight beds All are charged Special, First and Second Class at Rs 5 to Rs 20 per day Inclusive of vegetarian food There is an Operation Theatre attached Private hospital (Tel 61306)

Proprietor —Dr Nagindas P Shah, L M (Dublin), Z U (Vienna) F I

MEDICAL RELIEF

BOMBAY CITY RED CROSS BLOOD TRANSFUSION SERVICE

Red Cross Office 141, Mint Road

Chairman —Sir Vithal N Chandavarkar, Kt *Jt Hon Secretary* —Dr H S Mehta, M S, J P *Hon Secretary and Treasurer* —Dr (Mrs) D J R Dadabhoy M B E M D M R C I (Lond), F C P S, *Superintendent Blood Bank* —Dr (Miss) Gool N Vazifdar M D F C P S, *General Secretary* —Capt Khan Bahadur N J Vazifdar, M B E, L M & S F C S (Lond) F C S, J P

GOVERNOR'S HOSPITAL FUND FOR BOMBAY

Alice Building, Hornby Road, Fort

The object of the fund is to supplement the existing inadequate hospital accommodation in the City by the addition in the first instance of 850 beds as the first instalment of a scheme of ultimate extension to 2 000 beds, and after completion of the scheme to proceed with the scheme or any further instalment thereof and or to continue the fund on a permanent basis on the lines of the King Edward s Hospital Fund for London

Joint Secretaries —Dr J A Collaco, I M & S, J B R Jeejeebhoy

KING GEORGE HINDU SANATORIUM

Nasik Road

This Sanatorium founded in 1912 by the late Rao Bahadur Manaji Rajooji Kalwar J P, consisting of eight furnished blocks including utensils, one reading room and Rajoo Balooji Charitable Dispensary For the upkeep of the sanatorium Rs 25 per mensem are charged

The climate is dry and healthy Applicants should apply for the printed forms to the Managing Trustee, Prafulla Press, 380, Girgaum Road, Bombay 2

LUXMI BAUG AROGYA MANDAL

C/o D K Kulkarni, Luxmi Baug, Sion

AIMS AND OBJECTS Provide Medical help Cosmopolitan for residents of Sion

SHREE RAMKUNVAR CHARITABLE X RAY INSTITUTE

Ranade Road, Dadar (Western Rly)

The above Institute was started on 4th November 1947 by Mr Girdharlal D Daftary and a Trust has been created for the said Institute and called Ramkunvar Charitable X Ray Institute Trust The main object is of providing cheaper X-ray and screening facilities to the public and other forms of electrical therapy at cheap rates to the public in order that an early diagnosis of Tuberculosis may be made by providing X ray screening and other activities

Trustees —Sjt Girdharlal Damodar Daftary Dhirajlal Damodar Daftary Prabhulal A Sanghavi, Dr Shantilal P Mehta M D, Sjt Velji Lakhamshi Napoo, B A, L L B J P, Sjt Vishnu prasad D Trivedi

Managing Trustee Girdharilal Damodar Daftary

Medical Superintendent —Dr S P Mehta, M D

Radiologist —Dr G K Kripalani

ST ELIZABETH'S NURSING HOME

Harkness Road, Malabar Hill, Bombay

This Nursing Home is ideally situated facing the sea being within 2 minutes walk from Harkness Road Bus Stand Patients may bring their own doctors under the care of Daughters of the Cross

CHEAP HOUSING

GARIB ZARTHOSTIONA REHETHAN FUND

Rustom Building Vir Nariman Street

AIMS AND OBJECTS Provide cheap accommodation for the poorer classes Sectional —confined to Parsis only

ACTIVITIES About 10 buildings situated at Gilder Lane, Tal Chimney, Wadia Street Cassimath Street and Dadar with a total accommodation for 800 families

GAUD SARASWAT BRAHMIN CO OPERATIVE HOUSING SOCIETY LTD

Saraswat Bank Building, Girgaon

AIMS AND OBJECTS To acquire land and buildings for housing members

ACTIVITIES Houses at Siddhadevi Temple Road Mahim

INDIAN SAILORS' HOME SOCIETY

Musjid Siding Bombay

The Home, which is in Musjid Bunder Siding Road was founded to provide living accommodation for Indian Seamen of all creeds while in Bombay, and also to assist shipwrecked and distressed seamen with food, clothes etc It provides lodging for about 500 men

The Society recently took over the Indian Seamen s Hostel from the Government of India which provides lodging for additional 500 men

The Home was opened in 1931, as a memorial to the Indian Seamen who lost their lives in the war of 1914-1918 and whose names are recorded in the Memorial Hall which is a feature of the Home The maintenance of the Home is met from donations from the Bombay Port Trust and Shipping Companies

Office Bearers —I T Gholap I C S (*Chairman*) S I Pandya (*Dy Chairman*), R U Patel (*Hon Secretary*) J P Das Gupta (*Hon Treasurer*), Syed Mahamad (*Superintendent*)

SAU BHRATRA SANGHA LTD

14, Vasant Breezy Chambers King s Circle, Bombay 19

The Sangha was incorporated as a Company, limited by Guarantee in June 1951 under the Indian Companies Act VII of 1913 It has for its objects the alleviation of the lot of middle class people generally and, in particular provision of houses for the homeless immediately by organising a homogeneous colony of people whose ways of life are identical Subscription rates Ordinary Members—Re 1/ per month and entrance fee Re 1, Life Members Rs 250

SHETH HIRACHAND GUMANJI DHARAMSHALA

(Hirabag)

C P Tank Road Bombay 4

This Institution was founded by Messrs Panachand Manekchand Navalchand and Premchand Motichand to perpetuate the memory of their father, Sheth Hirachand Gumanji and has for its object the provision of accommodation to high caste Hindus visiting Bombay

Trustees —Sheth Ratanchand Navalchand, Thakordas Panachand, Thakordas Bhagwandas Vrajlal Kevaldas and Ratanchand Premchand

Secretary —Ratanchand Premchand

SIR RATAN TATA WELFARE CENTRE

Cowasji Jehangir Colony, Tardeo

AIMS AND OBJECTS Welfare work for the benefit of residents of the colony

ACTIVITIES Sewing classes for women at the colony Hindi literacy classes and sports Play centre for the children

ZOROASTRIAN BUILDING SOCIETY, LIMITED

16 Horniman Circle Fort

Chairman —Kavasji J Bilimoria, B A , LL B

Hony Secretaries —Dr Dadiba Naoroji Saher, L M & S, and Merwanji J Antia I F S (Retd)

Secretary —M R Patel

Accountant —Jehangir H Bhoot

OBJECTS —To provide, at moderate rent, for the middle class and poor Parsis, well ventilated and conveniently situated houses, built on sanitary principles and to help them to acquire convenient and sanitary dwelling houses of their own

HOSTELS

KASHIBAI HERLEKAR HOME

98, Deepak Shivaji Park, Dadar
and
83, Cadell Road, Govind Bhuvan

AIMS AND OBEJECTS To provide a shelter for decent ladies, women studying for profession deserted wives and women in trouble Sectional—for Hindu women only

ACTIVITIES Two separate Homes in Shivaji Park where women share food and lodging expenses

Secretary — Shantabai Kashalkar

NARAYANRAO KULKARNI MEMORIAL WELFARE SOCIETY

20, Hamam Street, Fort

Aims and Objects —The Society has established a cheap and charitable welfare institution at Alibag, *viz* , a HOLIDAY HOME for the use of members and their families who wish to go for a short change of air and intends to build a STUDENTS' HOME to provide cheap hostel accommodation for poor boys studying in High School The motto of the Society is to help the helpless

President —A S Padukone, B Sc , *Vice President* —Dr S S Kulkarni, L C P S , D T M *Jt Hon Secretaries* —V R Kulkarni, B N Kulkarni

ADULT EDUCATION INSTITUTIONS

BHAGINI SAMAJ, LAL BAUG

C o Mrs Indirabai Naik,
Datar Block No 3, Kalyan

AIMS AND OBJECTS Welfare of the Bhaginis in Lal Baug, and surrounding areas

ACTIVITIES Lectures, exhibitions, etc Manuscript magazine half yearly— Mahila Jivan Conducting Shishu Vihar for boys and girls under ten years at Khatau Terrace Lalbaug, Parel

SOCIAL REFORMS INSTITUTIONS

ALL INDIA WOMEN'S CONFERENCE

41 Queen's Barracks Foreshore Road
Branches all over India

AIMS AND OBJECTS Welfare of Women and Children Promotion of ideals of citizenship, unity, peace Cosmopolitan—for women only

ACTIVITIES By annual Conference For activities in Bombay, *see* Bombay Branch One Magazine—in English and in Hindustani Roshni

CENTRAL OFFICE Delhi 36 branches in India

ALL INDIA WOMEN'S CONFERENCE, BOMBAY BRANCH

41, Queen's Barracks, Churchgate Reclamation

AIMS AND OBJECTS Welfare of women and children, promotion of ideals of citizenship and social Reform Cosmopolitan

ACTIVITIES Work done by Branches, situated in Greater Bombay as below Thakurdwar, Parel, Shivaji Park Fort, Mandvi, Vile Parle, Andheri, Goregaon, Ghatkopar, Khar and Dadar Matunga

ALUMNI ASSOCIATION OF THE TATA INSTITUTE OF SOCIAL SCIENCES

C/o Tata Institute of Social Sciences,
105-109, Ghodbunder Road, Andheri

AIMS AND OBJECTS Promotion of Social Service Work Cosmopolitan For ex students of Tata Institute of Social Sciences

ACTIVITIES Initiation and organisation of social service movement, *e g* , Indian Conference of Social Work, Debates, Lectures, etc,

ATHORNAN MANDAL

Representative Body for Parsee Priests in India
Navsari Building, 240, Hornby Road, Fort

OBJECTS —

(*a*) Amelioration, Independence and raising of Status of Parsee Priests

(*b*) Spreading true Zoroastrian tenets and culture for religious guidance of Priests and Laity

(*c*) Dealing with enquiries on religious and ritual questions for guidance of Parsees

(*d*) Maintaining Athornan Boarding Madressa at Dadar for secular, religious, ritual and ethical training and supplying efficient, educated and devout priests to Parsee Community Run on donations only

BHARATIYA STREE SEVA SANGH

C/o Bharatiya Vidya Bhavan, Chowpatty

AIMS AND OBJECTS Uplift of women and encouragement of Indian Arts and Crafts Cosmopolitan

ACTIVITIES Organisation of Shows and Exhibitions

BOMBAY MAHARATHA SAMAJ

Maharatha Samaj Graha, Chamarbag Road, Parel

AIMS AND OBJECTS Welfare of Marathas Sectional for all Marathas irrespective of caste, creed or religion

ACTIVITIES Provides educational facilities and there is a project for an Assembly Hall

BRITISH WOMEN'S ASSOCIATION

C /o The Hon Secretary, B W A ,
6, Apollo Street, Fort

AIMS AND OBJECTS Promote social activities among members and welfare work in Bombay State Membership of the Association is open to ladies resident in Bombay who are citizens of the United Kingdom and Colonies of any Dominion overseas or of Eire

DEPRESSED CLASSES MISSION SOCIETY OF INDIA

112, Medows Street, Fort

Established in 1906 to promote education, provide work, and remedy the social disabilities of the depressed classes Founder of Society, V R Shinde, B A Has a Hostel for boys at Parel, with a branch at Poona (Bhokarwadi, Nana s Peth)

President —Dr M R Jayaker, Bar at Law , *Hon General Secretary* —N S Kajrolkar, M P , *Hon Asst General Secretary and Treasurer* —U H Kulkarni , *Supdt of the Hostel* —B. B Chandorkar

HARIJAN SEVAK SANGH

(Bombay Provincial Board)
C/o Congress House, Bombay 4

The Harijan Sevak Sangh with its Headquarters at Delhi, with Shri G D Birla as President was formed after the epic fast of Mahatma Gandhi in September 1932 The Bombay Provincial Board is one of the 31 Provincial Boards of the Sangh all over India with 169 District Committees working under Delhi office

The Board is working for the removal of untouchability and amelioration of Harijans

President —N S Kajrolkar, M P

Hon Secretary —V N Purao, J P

HIS HIGHNESS, THE AGA KHAN'S KHOJA SHIA IMMAMI ISMAILI COUNCIL

Khoja Jamatkhana, Khadak

AIMS AND OBJECTS Promotion of interests of the Khoja Shia Immami Ismaili Community

ACTIVITIES A court for hearing and deciding disputes and differences relating to betrothal, marriage, meher, divorce, maintenance, guardianship, conduct of members in Jamatkhanas, etc This work is done by a council of 12 members nominated by the Aga Khan

INDIAN CONFERENCE OF SOCIAL WORK

16, Government Hutments, 6 A, Cooperage, Bombay 1

An All India body functioning as a national organization for the promotion of social welfare throughout India founded in Bombay in November 1947 It has branches functioning in Assam, Bihar, Delhi, Hyderabad, Madras, Madhya Bharat Mysore, Orissa, Uttar Pradesh, West Bengal and District Branches in Baroda, Broach, Coimbatore Nasik, Singhbhum (Jamshedpur) and a city branch in Greater Bombay

It is affiliated to the International Conference of Social Work and maintains close contact with the Division of Social Affairs, United Nations at Lake Success and their Regional Office at Bangkok and many other international social welfare agencies all over the world

The Central Office is situated in Bombay and it serves as a clearing house of information and a central body for planning, co ordinating and collaborating social work in India It also serves as the Regional Office of the International Conference of Social Work for the Far East with jurisdiction from Australia to Egypt

JASMINE LADIES WELFARE UNION

5 A, Turner Road, Bandra

AIMS AND OBJECTS General welfare of middle-class suburban ladies

ACTIVITIES Classes held once a week in fancy work, music, cooking, ladies tailoring Games and tournaments Lectures in First Aid, nursery and mother craft Children s section is provided with many forms of games and sports

JILOOBAI WADIA AND BHICAIJI MODY CHARITABLE ENDOWMENT

Thakur Nivas, 173, Jamshedji Tata Road Bombay 1

AIMS AND OBJECTS To employ trained social workers who will promote welfare work Sectional

ACTIVITIES A social worker is attached to the Parsi Charity Organisation Society

LIAISON COMMITTEE FOR ORGANISATION OF PARSI CHARITIES

22-D, Parsi Bazar Street, Fort

AIMS AND OBJECTS Co ordination of Parsi charities with a view to centralising investigation of applications and planning rehabilitation Sectional—confined to Parsis

ACTIVITIES Investigation, diagnosis and treatment of relief cases General rehabilitation and planned welfare of the community

MAHARASHTRA MAHAR PANCHAYAT

B M Chawl No 2, Room 13, Chandanwadi

AIMS AND OBJECTS To raise the social, and economic and educational level of all the Schedule Castes of Maharashtra Confined to Schedule Castes

MAHILA MANDAL

C/o V W Bhatt, 15, Vika, Sion

AIMS AND OBJECTS Welfare work for the residents of Sion Regional and cosmopolitan

ACTIVITIES Embroidery and literacy classes at Laxmi Baug, Sion

SARASWAT BRAHMAN SAMAJ

Saraswat Bank Building, Nikadwari Lane, Girgaum

The Samaj was started with the object of creating a healthy social feeling amongst the members of all the sub-sects of the Goud Saraswat Brahman Community in the Deccan

SEVA MANDAL SANYUKTA SAMITI

C/o Shishu Vikas Sion, Bombay 22

AIMS AND OBJECTS To co relate the work of all Social Welfare Agencies in Bombay State Regional—cosmopolitan

THE FIRST PROVINCIAL CONFERENCE FOR THE BLIND

C/o Victoria Memorial School for the Blind, Tardeo

AIMS AND OBJECTS To deal with the problems of the blind and their welfare Cosmopolitan

ACTIVITIES Meetings and conferences Enlisting public sympathy through a Standing Committee for the benefit of the blind.

UNIVERSAL PRIMARY EDUCATION SOCIETY

C/o Social Service League, Sardar Vallabhbhai Patel Road

AIMS AND OBJECTS Study of problems of universal primary education with special reference to Bombay State Cosmopolitan

VANI VIHAR MAHA VIDYALAYA

(Choksi Bhavan, Bhimani Street Matunga)

Research institute in Oriental learning

Founder Principal, M R Gopalacharya, M A

Honorary Secretaries, H S K Rao, S P Rao

YOUTH WELFARE

BOMBAY PHYSICAL CULTURE ASSOCIATION

22 Nikadwari Lane Girgaum Bombay 4

AIMS AND OBJECTS Encouragement of physical culture Cosmopolitan

ACTIVITIES Assisting the work of physical culture in schools, gymnasia, sports clubs, etc

PESTONJI D MARKER PHYSICAL CULTURE HOME

Corner of Gunpowder and Dockyard Road, Mazagaon

AIMS AND OBJECTS Imparting physical culture to Parsi youth

ACTIVITIES Conducts a Physical Culture Home at Mazagaon under an expert

SOCIETY OF PEACE AND PROGRESS

C/o Miss R M Reymond,

Tayeb Building, New Nagpada Road, Byculla

AIMS AND OBJECTS Youth Welfare

ACTIVITIES Supply of free milk and food to school children, helping youth to find employment Study circles and social gatherings

ZARTHOSTI UNATI DWARA

C/o M J Guzdar, Bombay House, Bruce Street

AIMS AND OBJECTS Organise Zoroastrian community life

ACTIVITIES Play centres, group games, indoor-games, cultural activities, debates, lectures, and educational outings and camps *Centres* —Noble Chambers, Parsi Bazar Street, Fort, Murazban Colony, Gilder Lane, Tardeo, with a library in Bode Block, At Nowroze Baug, Lal Baug, H-1, Diggy Tank Maidan Station Road, Mahim, Malcolm Baug, Jogeshwari, A Central Cultural Circle at Udyog Ashram, Episcopalian Church, Balaram Street

*

ASSOCIATIONS IN BOMBAY

AKHIL BHARAT VARSHIYA MARWARI AGRAWAL JATIYA KOSH

227, Kalbadevi Road, Bombay 2

OBJECTS —To promote the interests of the members of the Marwari Agrawal community in religious moral intellectual social, physical, commercial and political spheres by awarding scholarships, to help individual members of the community and by helping educational and other social institutions

President Madan Mohan Rura *Vice President* Fatehchand Jhunjhunwala *Joint Secretaries* Niwas B Bajoria and Lokram Churiwala

ALL INDIA ANIMAL WELFARE ASSOCIATION

149 Shroff Bazar Bombay 2

President S K Patil
Vice President Gopatishanker Desai Jamnadas Sethia
Hon Secys Mrs Shera Noshir Vajifdar Mrs Mehra R Vakil J N Mankar
Hon Treasurers Miss Freny Wadia Mr J N Mankar

ALL INDIA BOBBIN MANUFACTURERS' ASSOCIATION

Amir Building Sir P M Road Bombay 1

OBJECTS —To promote co operation among manufacturers of bobbins to regulate and standardise and preserve high standard of production and business integrity to safeguard the interests of industry

ENTRANCE FEE Rs 51, ANNUAL SUBSCRIPTION Rs 100

OFFICE BEARERS —*President* V N Shah *Vice President* J K Engineer *Hon Secretary* S K Khan *Hon Treasurer* B P Koppikar *Secretary* L N Lucky M A

ALL INDIA BRUSH MANUFACTURERS' ASSOCIATION

Swadeshi Mills Estate Bombay 4

OBJECTS —To encourage and assist production of brushes brush wares and brush materials in India and to help development of brush making industry in India

The business of the association is conducted by the managing committee

MANAGING COMMITTEE *Chairman* —Chimanlal M Shah *Hon Secretaries* —S M Doctor M B Gidwani *Members* —S K Karanjia M V Sarvaiya J Rai

ALL INDIA EXPORTERS ASSOCIATION

Churchgate House, Vir Nariman Street, Bombay 1

OBJECTS —To promote and protect the export trade of the country and safeguard the interests of exporters in India by having an organised action on all matters relating to the export trade

The Association has about 300 members on its rolls It is a trade association recognised by the Govt of India and is represented on the Port Textile Export Advisory Panel Bombay It is one of the sustaining members of the Indian Standards Institution New Delhi

OFFICE BEARERS *President* Chimoobhai C Javeri *Vice President* Purshottamdas K Ashar

ALL INDIA FEDERATION OF MASTER PRINTERS

274 Tardeo Road Bombay 7

President J C Jain M A
Vice President S N Guha Ray
General Secretary Parmanand Sukhnomal Mehra, K C Raman
Treasurer S Kamu

ALL INDIA KAYASTHA CONFERENCE

Co operative Insurance Building Sir P M Road, Fort, Bombay 1

AIMS AND OBJECTS —To break down restrictions on sub castes, to abolish or amend local customs and usages in the social intercourse of the Kayasthas which may prove harmful to the progress of the community to advance the spiritual, moral, physical social, educational maternal and economic progress of the community, to hold and conduct conferences of Kayasthas in different centres of India

ALL INDIA MANUFACTURERS' ORGANISATION

Industrial Assurance Building opp Churchgate, Bombay 1

The object of the organisation is to promote the rapid industrialisation of the country on sound and progressive lines

To achieve this objective, the organisation strives to propagate the ideal of industrialisation in all parts of the country to place before the industrialists the requisite information regarding technical, financial and organisational aspects of different industries and to study the various economic and industrial problems confronting the country and to suggest solutions for them It has Provincial Boards at New Delhi Calcutta Nagpur Madras Bangalore, Ernakulam Bombay and Patna and District and City Councils in important centres of industrial activity

WORKING COMMITTEE —*President* Sir M Visvesvaraya *Chairman* Muraji J Vaidya *Vice Chairman* Lt Col J D Kothawala H P Merchant A G Bandigowda Hanstay Gupta Babulal Rajgarhia *Jt Hon Secretaries* Prabhu V Mehta N S Pochkanawala B D Somani *Hon Treasurer* Essufally Mahomedally *Secretary* P J Badami *Jt Secretary* S P Subramaniam

ALL INDIA RADIO MERCHANTS' ASSOCIATION

Fateh Manzil, Opera House Bombay 4

OBJECTS —To promote co operation among persons firms or companies connected with the wireless trade and industry in India whether as manufacturers, importers exporters or wholesale or retail dealers or as persons interested in the sale repair servicing insurance or hire of radio television or wireless goods with a view to their adopting a common policy and collectively taking such steps as may be deemed necessary or expedient to further and safeguard the interests of the radio trade and industry

The Association has its central office at Bombay and zonal offices at New Delhi Calcutta Madras and Bombay

CENTRAL COMMITTEE V V Lazarbhoy *President* K J Bansal S C Islam R K Phatak *Vice Presidents* J R D Bakshi *Hon General Secretary* V C Shah *Hon Secretary* K M Parekh *Hon Treasurer* *Committee Members* Hari Krishan Lal P S Monga P S V Easwar A J Vidia P M Shaw N Sivashanker

ALL INDIA RESERVE BANK EMPLOYEES ASSOCIATION

Reserve Bank of India Fort Bombay

President Dr C Jain Chand
General Secretary A S R Chari
Asstt Secretaries K S Mani A K Sen
Treasurer C R Sen Gupta
Auditor P Tirumalhwala

ALL INDIA SINDWORK MERCHANTS' ASSOCIATION

Commissariat Building 251 Hornby Road Bombay 1

Main object of the Association is to promote and safeguard the interests of the Indian Sindhi merchants who are pioneers of India's overseas trade for over a century

President Purshotam H Sabnani
Vice President J Murli
Jt Hon Secretary Hashimatrai I Thadani

AMATEUR CINE SOCIETY OF INDIA

C/o J B Whyte & Co, 195 Hornby Road, Bombay 1

THE OBJECTS OF THE SOCIETY ARE —To bring together all classes of amateur cine photographers operating sub standard sizes of film, to co operate and pool their knowledge and resources with a view to providing keener interest and instruction in their hobby, of providing film, book and magazine library, to arrange for club competitions in scenario writing film making, etc, in order to promote amateur efficiency, to encourage and help members to enter international competitions to co operate with similar societies elsewhere through the exchange of literature or copies of films

OFFICE BEARERS *President* —M P Polson *Vice President* —M H Kajhi, *Jt Hon Secretaries* A Q Jairazbhoy and Derrick Jefferies *Hon Treasurer* —S N Somani

ANDHRA MAHASABHA GYMKHANA, BOMBAY

Opp King George High School, Hindu Colony Dadar

Objects —1 Maintenance of reading rooms and libraries, 2 Opening of extension classes for Andhra children and promotion of adult education 3 Promotion of Carnatic music 4 Holding of lectures on educational economic and social subjects 5 Developing stage 6 Organisation of sports and 7 Co operation with other institutions which have similar objects

The Institution has sections for ladies and children
President —Dr S R Rao
Jt Secretaries —C N Das, B S Raju B P Sarma

ANGLO INDIAN ASSOCIATION

PRESIDENT —Vacant
JT HON SECRETARIES — S A Monte, P O Box 1251 Bombay
C Joseph, P O Box 1251 Bombay

ANTHROPOLOGICAL SOCIETY OF BOMBAY

Founded 1886 to promote the prosecution of anthropological research in India to correspond with Anthropological Societies throughout the world to hold meetings for reading and discussing papers and to publish a journal containing the transactions of the Society Annual subscription Rs 10 Student Membership subscription Rs 7 *President* P G Shah M A B Sc A I A S (Retd) *Hon Secretary* Sapur J Desai B Sc *Asstt Secretary* K P Dastoor M A *Office Address* C o K R Cama Oriental Institute Building 196, Apollo Street Bombay 1

ARYA SAMAJ

96 98 Bora Bazar Street Bombay 1

A social Institution

OFFICE BEARERS

President Magan bhai V Patel
Hon General Secretary — M K Amin
Hon Treasurer —H Sheona Poojary

ARYAN EXCELSIOR LEAGUE

AIMS AND OBJECTS — (1) To spread useful knowledge among the masses and especially among students (2) To adopt measures from time to time for promoting loyalty patriotism and devotion to duty (3) To promote social intercourse and friendly feeling among all classes of people

ACTIVITIES —Free Moral Instruction Classes Free Reading Room and Library, Free Medical Relief a Ladies Circle Free Hemant Vyakhyan Mala, Boy Scout Troop

ASSOCIATION OF AUTHORS, COMPOSERS & WRITERS OF INDIA

Kitab Mahal 190 Hornby Road, Bombay 1

The Association was formed in August 1939 with the object of protecting the rights and property of all those who create copyrightable material of whatever kind or nature, to advise and assist all such in business matters relating to the disposal of their productions and to obtain for them prompt remuneration therefor

ASSOCIATION OF ELECTRICAL UNDERTAKINGS, BOMBAY STATE

Kilnick Building Home Street Bombay 1

This is the Bombay State's association of electric supply companies which was registered in December 1940 The objects of the Association are To promote advance and develop the science practice and business of generating accumulating and supplying of electrical energy in the State, to protect and safeguard the rights privileges and interests of the Association and to give to Government, Municipalities and other public bodies information and advice on matters affecting the industry

PRESIDENT K G Mitha VICE PRESIDENT N C Divecha
MEMBERS OF THE COUNCIL — M B Lukhmani G D Moraji J A Colaco P L Patel I I I A A I I I R Mehta M J Mancekji, N N Adajania K S Guzder D H Narimun R D Somani SECRETARY — R P Myer

ASSOCIATION OF INDIAN IMPORTERS OF DYESTUFFS

Fort Chambers, Hamam Street, Fort, Bombay 1

The objects of the Association are, among others to promote and protect the trade and business of Indian importers of dyestuffs and allied chemicals and the business of dealers relying on them, to promote and advance commercial and technical education which may tend to develop the dyestuffs trade and allied industries in India, to organise departments for purposes of research work, etc, etc

Membership is open to any Indian individual firm or company importing dyestuffs and allied chemicals or products into India

PRESIDENT J H Doshi SECRETARY Ishu N Kaji

ASSOCIATION OF INDIAN INDUSTRIES

Industrial Assurance Building, Churchgate Fort, Bombay 1

An organisation for the promotion and protection of Indian industries

This Association is an organisation of industrialists, factory owners and manufacturers Its main objects are to encourage, develop, promote, organise and protect industries of all descriptions of this country

PRESIDENT —C P Shah, VICE PRESIDENTS — N H Mapara R M Agrawal J t HON SECRETARIES H Raney D M Desai HON TREASURER —Nagindas G Shah SECRETARY S P Subramanian

ASSOCIATION OF MERCHANTS AND MANUFACTURERS OF TEXTILE STORES AND MACHINERY (INDIA)

Sir Vithaldas Chambers 16 Apollo Street Bombay 1

OBJECTS —To promote co operation among Indian firms companies, corporations or persons connected with the textile stores and machinery, dyes and chemicals trade and industry situated anywhere in India, to regulate and standardise trade terms payments and other business practices and to arbitrate in disputes arising in the textile stores and machinery trade and industry

PRESIDENT Balkrishna K Mehta HON SECRETARY —B M Ghia SECRETARY —M M Gandhi

ASTHIKA SAMAJ

Asthika Samaj Building, King's Circle, Matunga, Bombay 19

The aims and objects of the Samaj are the cultivation of devotion to God, the promotion of the spirit of brotherhood, service amongst members and the establishment of a temple of worship and of a cultural centre wherein members may worship meditate and meet together on an equal status for the promotion and advancement of their spiritual and religious knowledge Membership open to South Indian Hindus The Samaj owns a spacious hall in a central locality in Matunga which is also made available for all Hindus to have religious ceremonies performed The Samaj has 6 Patrons 68 Life Members and about 400 Ordinary Members It was established in 1924 and has completed 23 years of service

PRESIDENT —Dr S R Ramachandran JT HON SECRETARIES — K S Padmanabhan, V K Moorthy

BALKAN-JI-BARI

AKHIL HIND BALAK SANGH

(THE ALL INDIA CHILDREN'S ASSOCIATION)

Gulistan, Khar Bombay 21

An Association of children started in 1926 Children of its various local units in Bombay and Suburbs and all over India in Assam Gujarat Maharashtra South India U P M P Delhi Bihar Rajasthan Bengal and other States meet frequently for stories songs games arts handicrafts picnics and excursions Activities consist of periodical meetings libraries museums outings and publication of Children's Corners in papers of the different States The Association conducts a monthly Sindhi magazine Gulistan and an English journal *The Home and the World* It also runs Child Welfare Workers Training Classes

Chief Patron — Dr Rajendra Prasad *President* — Smt Vijaya lakshmi Pandit *Chairman* Smt A John Mathai *Vice Chairman* Smt M R Masani *Gen Secretary* Shewak Bhojraj

BILLAWAR ASSOCIATION

17, Raghunath Dadaji Street, Fort, Bombay 1

Aims and Objects Encouragement of education by grant of scholarships and freeships to deserving poor students conducting free reading room and library, dispensary and schools and granting general help to deserving persons Conducts ladies free industrial and handicrafts class Training in embroidery work, knitting needle work, etc is given by experts and lectures on important subjects pertaining to the welfare of ladies are also arranged The strength of this institution is 60 and keen interest is evinced by one and all interested women Membership strength 2 000 Maintains volunteer corps consisting of 45 Rendered help to the poor to the extent of Rs 20 000 in fulfilment of the above objects

President B M Kotian
Secretary P Thanlya

BOMBAY ACCIDENT INSURANCE ASSOCIATION

6, Rampart Row, Bombay 1

The objects of the Association are to unite all companies transacting accident insurance business, to take action in all matters affecting their common interest and welfare and to issue tariffs regulate the rating of risks and establish rules for the conduct of the business generally throughout the area controlled by this Association

BOMBAY ADVOCATES' ASSOCIATION

Small Causes Court Carnac Road, Bombay

The aims and objects of the Association are to raise and maintain the professional status of advocates especially those practising in Bombay, to consider and make suggestions and representations concerning the law, practice procedure and constitution of the courts legislation and other matters affecting the public in general and the legal profession in particular

Office Bearers —A S Davar, B A, LL B, *President*, D S Deodhar, B A, LL B *Vice President*, M D Khandwala, B A, LL B, *Hon Treasurer*, D C Dalal B A, LL B and N H Helkar B A LL B *Jt Hon Secretaries*

BOMBAY AMATEUR BOXING FEDERATION

the Recluse, 31, Murzban Road Bombay 1

The Federation controls all amateur boxing in Bombay State and has about 40 clubs affiliated besides individual members It is affiliated to the Indian Amateur Boxing Federation and the corresponding member in the U K is H V Pointon Fulbourne Road, Walthamstow, London E 17 Western India Championships for seniors are decided every year at an open tournament and junior championship tournament is also conducted every year

President Oscar H Brown C I E, O B E, Bar at Law *Vice Presidents* Commander C B Sethna, O B E R I N A A Jasdanwalla I P *Jt Hon Secretaries* W Abraham J I, I W Hanson, *Hon Treasurer* W Abraham J I

BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

Town Hall Bombay 1

Founded in 1804 to investigate and encourage Oriental Arts Science and Literature Annual subscription Rs 60 *President* — Mr Justice M C Chagla

BOMBAY CITIZEN'S LEAGUE

Sumeetha Ridge Road Malabar Hill

President Sir Purshotamdas Thakurdas

BOMBAY COMMISSION AGENTS' ASSOCIATION

Sat Bhuvan, Princess Street, Bombay

President —Bhagwan Ramchandra Parulekar *Vice President* — Shivram Raghoba Prabhu *Secretaries* Anant Cahanshyam Shetye Channappa Mallappa Handigund *Treasurer* —Vithal Raghoba Prabhu Shirodkar

BOMBAY CUSTOM HOUSE CLEARING AGENTS' ASSOCIATION

46 Veer Nariman Street, Bombay 1

Aims & Objects —(*a*) To encourage and promote a friendly feeling and unanimity among the Bombay Custom House Clearing Agents on all subjects involving their common good (*b*) To secure organised action on all subjects relating to the Interest of the Bombay Custom House Clearing Agents directly and/or indirectly

Chief Office Bearers — *President* —Kirsandas Tulsidas Khimji, *Vice President* —K F Vakeel, *Treasurer* —Erucshaw D Mistry, *General Secretary* R C Ghandy, *Secretary* —P M Khambatta

BOMBAY DIAMOND MERCHANTS' ASSOCIATION

Zaveri Bazar, Dhanji Street, Bombay 3

The Association consists of diamond merchants and those dealing in diamonds

The aims and objects of the Association are to safeguard the rights and interests of its members and improve the trade

President —Amratlal V Jasani

Vice President —Ratilal C Kothari

Hon Secretaries —Jayasukhlal D Jhaveri and Shantilal G Jhaveri

BOMBAY EUROPEAN RELIEF ASSOCIATION

115, Love Lane, Mazagon, Bombay 10

The Association was established in 1900, to take over and carry on the work of several charitable institutions, to give relief to destitute Europeans and Anglo-Indians, to be the recognised medium of such relief and to prevent indiscriminate charity and check imposition and fraud, and to provide, if necessary, homes and workshops for the needy The Association is managed by a General Committee with Sub Committee for the various institutions

General Committee —R E Peters (*Chairman*), Major H R Henderson (*Honorary Treasurer*), E Woolridge (*Secretary*)

The following are the institutions affiliated to the Association —

Poor Fund —Relief given by small cash payments, old clothing, payment of railway fares, etc The Poor Fund Sub Committee meet twice a month to deal with applications

European Pensioners & Widows Home, Mazagon —Provides accommodation and meals for destitute widows

Strangers Friend Society —European Relief Home 115, Love Lane Mazagon, provides food and shelter for men in distressed circumstances and those seeking employment *Superintendent* — R C Bruce

BOMBAY FIRE INSURANCE ASSOCIATION

Jacob Sassoon Building, 6, Rampart Row, Bombay 1

The objects of the Association are to unite all fire insurance companies (through the local representatives) transacting business in Bombay to secure joint action in all matters affecting the interests of such companies, and to establish and enforce rules for the working of Fire Insurance business generally throughout the area controlled by this Association

BOMBAY GEOGRAPHICAL ASSOCIATION

C/o Byramjee Jeejeebhoy Institution 33, Queen's Road, Bombay 4

The Bombay Geographical Association was started in Bombay in 1935 by the late H L Kaji, Dr A S Kalapesi and other educationists with the object of promoting Geographical knowledge and improving the methods of teaching Geography These objects are to be secured by (*a*) Holding meetings where lectures addresses and papers shall be delivered, read and discussed (*b*) Organising Geographical exhibitions, excursions and conferences and (*c*) Starting a Geographical journal and organising a geographical library and museum

The Association is holding periodical diploma courses, refresher courses and summer school for geography teachers

Patron —Dinkarrao N Desai

President —C P Budrani, B A, B T, T D (London) *Vice Presidents* —S Nurullah Dr A S Kalapesi, V D Ghate B N Vaidya B M Kapadia V R Nerurkar C B Joshi, R S Gaitonde, S N Havewala

Secretaries —C V Ganesan, A J Joshi, *Treasurer* —P B Bamboat

BOMBAY HARDWARE TRADERS ASSOCIATION LTD

Taher Mansion Narayan Dhuru Cross Lane, Bombay 3

Aims To protect the interests of the Hardware trade and their members

President —Narainidas Ranchhoddas Surname

Hon Secy —Pyarelal P Talwar

BOMBAY HOMOEOPATHIC ASSOCIATION

311, Tardeo Road, Bombay 7

Objects —To inform the public of the benefits of homoeopathy, to promote the practice of genuine homoeopathy, to impart systematic education in homoeopathy by establishing a college or classes and establish a hospital and charitable dispensaries At present the Association conducts two charitable dispensaries

President —**M M Pakvasa**

Vice Presidents —Dr A C Das, Charandas Megji

Governing Council —N C Vakil, B A, LL B, Bar at-Law (*Chairman*), Dr S R Phatak, M B B S (*Vice Chairman*), C C Vakil, B A, LL B, Solr and B V Pakvasa, B A, LL B Solr (*Jt Hon Treasurers*), Dr K L Ray and N N Majmudar, Adv (*Jt Hon Secretaries*), Dr K Surendranath, N T Nanavati, B A, LL B, Adv, V S Kir and G L Koppikar (*Members*)

BOMBAY INCORPORATED LAW SOCIETY

113, Mahatma Gandhi Road, Bombay 1

The general object of the Society is to support the legal profession and particularly the status and interests of solicitors and attorneys practising in the Bombay State, and to promote honourable practice The Society are the successors of the former Bombay Law Society established in the year 1861 Annual subscription Rs 12 The Society has 386 members on its roll

President —Tricumdas Dwarkadas, *Hon Secretary* —M B Madgavkar, *Hon Asstt Secretary* —B T Merchant

BOMBAY INSURANCE BROKERS' ASSOCIATION

19, Bruce Street, Bombay 1

Objects —This Association has been started chiefly to afford all possible facilities to Insurance brokers, to raise their status, to develop in them fitting professional characteristics, and to help to bring out such insurance brokers as can command the respect and confidence of the public

OFFICE BEARERS

Directors —M M Patel, M N Shanghvi J F Papa, K S Popat and R J Ashar, Ashruff Dharamsey and Jethabhai Narsey

President —M M Patel *Vice President* —P N Mehta *Jt Hon Secretaries* —M N Shanghavi and J D Nagda, *Jt Hon Treasurers* —R J Asher and Khimji S Popat

BOMBAY JOINT TOWN PLANNING COMMITTEE

Mercantile Bank Building Mahatma Gandhi Road, Bombay 1

A non official body on which are represented leading commercial, civic and engineering organisations in Bombay The aims and objects *inter alia* include investigation and advising on town and traffic planning, formulation of master plans for cities, etc

Chairman N V Modak, C I E, B E (Bom), M I C E, M I F (Ind), M I M

Hon Secretary D S Venkatraman

BOMBAY KERALEEYA SAMAJ

Road No 2, Hindu Colony, Dadar

Established in 1930 purely for the social, moral economical and cultural advancement of Keralites in Bombay The Samaj is running an Ayurvedic dispensary a free reading room & library a sports club, and a Malayalam quarterly journal *Visalakeralam*

President N Balakrishna, *Chairman* A Narayanan *Secretary* M N Kurup, *Treasurer* I K Warrier, *Editor Visalakeralam* N R Nayar, *Physician* M C K Namboodiri (L I M)

BOMBAY LEGAL AID SOCIETY

Hamam House, Hamam Street, Bombay 1

The object of the Society is to co operate with the judiciary, bar and organisations interested in the administration of justice, so as to make justice more readily accessible to the poor

Patron —Mr M C Chagla, Chief Justice of Bombay

President —Framroze A Vakil *Hon Secretary* —Nayan H Pandia

BOMBAY LIBRARY ASSOCIATION

People's Free Library, Dhobi Talao, Bombay 2

OBJECTS —To promote library service and librarianship mainly within the Municipal limits of Greater Bombay and to carry on educational activities in general for the purpose

BOMBAY MEDICAL UNION

Blavatsky Lodge, French Bridge, Chowpatty, Bombay 7

Founded in 1883 to promote friendliness and exchange of views and experiences between its members and to maintain the interest and status of the medical profession in Bombay State *President* Lt -Col R A Davar, *Vice-Presidents* Dr G Coelho, Dr B A Shete, *Hon Librarians* Dr N J Dodhi, Dr K N Baria *Hon Treasurer* Dr R A Vaidya, *Jt Hon Secretaries* Dr H G Patel, Dr Dara R Hakim

BOMBAY NATURAL HISTORY SOCIETY

114, Apollo Street Bombay 1

Founded in 1883 to promote the study of Natural History in all its branches The Society has a membership of about 1 400 all over the world and a museum with a representative collection of the different vertebrates and invertebrates found in the Sub continent and Ceylon In 1921 the Society was entrusted with the management of the Natural History Section of the Prince of Wales Museum and a great part of the Society's collections have been transferred to that Museum A journal is published three times during the year which contains articles on natural history and sport as well as descriptions of new species and local lists of different orders The Society s library is open to members and books may be borrowed under special arrangement by members residing in the mofussil

BOMBAY NURSES, MIDWIVES AND HEALTH VISITORS' COUNCIL

Old Yacht Club Building, Apollo Bunder, Bombay 1

Objects —To ensure uniformity in the system of training nurses of affiliated nursing associations and training institutions and to provide for the examination, grant of certificates, registration of nurses, midwives, assistant midwives health visitors and provident fund

President —Dr B B Dikshit, M B, M R C P
Registrar —P N Mazumdar, M A (Lond), L L B
The Council consists of 21 members of whom the Surgeon General with the Government of Bombay (ex-officio) is the President

BOMBAY OILSEEDS EXCHANGE LTD

Jenabai Building, Musjid Bunder Road, Bombay 3

The Bombay Oilseeds Exchange Ltd regulates trading in oilseeds for hedge, forward and ready delivery contracts under the Bombay Forward Contracts Control Act 1947 being recognised for this purpose by the Government of Bombay It maintains a survey department

President —Ramdas Kilachand, *Secretary* —Bipin R Chinai

BOMBAY PARSI ASSOCIATION

Objects —To promote unity and brotherhood amongst the Parsi Zoroastrians of Bombay To assist Parsi residents in particular in municipal and other civil matters To relieve poor Parsis from the clutches of Pathan and Marwadi money lenders To encourage the study of Ancient Persian History amongst the rising generation To settle disputes amongst Parsees by arbitration To hold Social gatherings to discuss communal questions To hold competitions amongst Parsi youths in public speaking

Patrons —Vicajee Ardeshir Taraporvala, F R I B A, Dr D N Sahei, L M & S, J P, Vicaji F Taraporvala, Bar at Law, Mrs Khorshedbanu K J Dubash

President —Vicajee Ardeshir Taraporvala, F R I B A *Vice Presidents* —K J Dubash, J P, B A, L L B, Solicitor Major S R Bamji, M B E, J P, B M Daruwala, *Hon Joint Treasurers* —Mirazban C Master and H M Majoo, F C I, A M I R A, *Hon Joint Secretaries* —H M Majoo and T B Chinoy

BOMBAY PARSI TEXTILE LEAGUE

Prospect Chambers Annexe, Hornby Road, Fort

The object of this League is to safeguard the interests of all Parsees employed in textile industry

President —F H Mehta, *Vice Presidents* —Major S R Bamji, F R S A, M B E J P C M Badsha, D D Chotha *Hon Jt Secretaries* —J E Shroff and Godrej Nakharia, *Hon Jt Treasurers* —K M Mehta and B M Daroowalla

BOMBAY PIECE GOODS MERCHANTS' ASSOCIATION

Mulji Jetha Cloth Market Hall, Shaik Memon Street, Bombay 2

Office-Bearers —Purshottam Mulji Kapadia, Advocate, *Chairman*, Padamsey D Govindji, *Deputy Chairman* Himatlal T Muni, Navnitlal L Shah and Ratilal Shah, *Joint Hony Secretaries*, Haridas Chaturbhuj, *Hony Treasurer*

Objects of the Association —To promote the business of the piece-goods trade in general in Bombay, to protect the interest thereof, to try to remove all the trade difficulties and to hear disputes that may be referred to for arbitration, etc

BOMBAY PORT HAJ COMMITTEE

Mahomed Haji Saboo Siddick Musafirkhana Musafirkhana Road, Bombay 1

Objects are to render every possible service to pilgrims to the Hejaz by disseminating useful information assisting them in vaccination inoculation medical inspection issue of pilgrim passes, giving relief to indigent pilgrims and doing such other duties connected with the pilgrim traffic as may be entrusted to it by Government The Committee has also been empowered to negotiate and cooperate with railways and shipping companies for securing travelling facilities for pilgrims to bring their grievances to the notice of the authorities concerned and suggest remedies

Chairman —Haji Hasanally P Ebrahim, M I A
Vice Chairman Haji Ahmed Haji Abdulla and A K Surve
Offg Executive Officer and Secretary M S Raiba

BOMBAY PORT TRUST EMPLOYEES' UNION

Port Trust Kamgar Sadan, Nawab Tank Road, Mazagon, Bombay

The aims and objects of the Union are (*a*) to promote friendly feelings and to foster a spirit of brotherhood and co operation among the employees of the Port Trust (*b*) to consider the question of their various disabilities with regard to their work and wages and to try to bring about their removal by all lawful and constitutional means, (*c*) to promote friendly and harmonious relations between the employees and their superior authorities (*d*) to maintain funds for the relief of members when sick or in distress and for the relief of dependents of the deceased members (*e*) to improve the conditions of the employees by initiating schemes of benefit insurance provident fund, co operative societies medical relief and such other kindred benefits and (*f*) generally to ameliorate the social educational and economic condition of the employees and their dependents

President —Asoka Mehta *Vice President* —Adam Adil, *General Secretary* —Shanti Patel *Treasurer* — F M Bahadurji

BOMBAY PORT TRUST RAILWAYMEN'S UNION

Office B P T Free Land Estate Kalachowky, Bombay 12

The aims and objects of the Union are to invite and promote harmony, fellowship, co operation and social intercourse among its members and also to help them to represent to the Authorities concerned in a constitutional manner their just grievances and requests abolition of colour and racial distinctions as well as privileges and favouritism in respect of their service and treatment etc etc

BOMBAY PRESIDENCY ADULT EDUCATION ASSOCIATION

136, Apollo Street, Bombay 1

Activities Extension courses of collegiate grade for educated adults free literacy and post literacy and continuation classes, free popular Science courses in Marathi and Gujarati for primary teachers and persons interested in scientific subjects free reading rooms and libraries at Byculla and 136 Apollo Street Bombay free public lectures are arranged on current problems

President —Sir I H Taunton, Kt *Vice Presidents* Dewan Bahadur K M Jhaveri, The Rev Fr J Duhr *Hon Treasurer* Commander C J Sethna *Jt Hon Secretaries* Miss Amy B H J Rustomjee Prof R Choksi Principal C V Christie

BOMBAY PRESIDENCY ASSOCIATION, 1885

107, Esplanade Road, Bombay 1

The Association advocates and promotes the public interests of this country by all legitimate and constitutional methods, such as holding meetings, whenever necessary or expedient for the discussion of public affairs preparing and submitting memorials to the State or Central Government for the removal and prevention of injurious measures and the introduction of others which may be calculated to promote the general interest of this country and by taking such other action as may be conducive to the accomplishment of the purposes in view

President —Sir Cowasji Jehangir Bart, *Hon Secretaries* —Naushir Bharucha and L X Rego *Asst Secretary* —V R Bhende

BOMBAY PRESIDENCY TRADES ASSOCIATION, LIMITED

6 Rampart Row Bombay 1

Affiliated to the Indian & Eastern Association for Promotion & Protection of Trade, Ltd London

And Federation of Trades Associations of India, Delhi

Objects —To promote the interests of the Trading Community of the Bombay State collect and distribute information to protect members from loss or damage, arbitrate disputes collect debts due to members circulate statistics and information relating to trade, etc

Office Bearers Master J B McMillan, *Dy Master* L B Pratt *Hon Treasurer* D J Khajotia, B A, *Hon Secretary* E J Hawes M C, I I

BOMBAY PRESIDENCY WOMEN'S COUNCIL

Town Hall Bombay 1

Objects —To associate women of all races in the Bombay State for their mutual help and the service of others to further in every way as may be deemed advisable the interests and advancements of women in India, and to train women in the responsibilities of citizenship

Relationship —The Bombay Presidency Women's Council is federated to the National Council of Women in India which is federated to the International Council of Women

Membership — (*a*) 900 members *Affiliated Societies* 21 Branches 5 —Ahmedabad, Belgaum, Poona Sholapur and Dharwar

President Mrs I D Nanavati *Vice President* Mrs D S Bakhle *Hon Treasurer* Mrs R C Sirsiwa *Hon Secretary* Mrs Shera S Oomrigar

BOMBAY PRESIDENCY WOMEN GRADUATES' UNION

Objects —(*a*) To act as an organisation which may afford opportunities for the expression of united opinion and concerted action by University women (*b*) To facilitate intercourse and co operation between University women and enlist their interest in and connection with academic life (*c*) To get itself affiliated with associations aiming at similar objects (*d*) To award scholarships and book money and (*e*) Generally to promote the interests and welfare of women in India

BOMBAY PRESS OWNERS' ASSOCIATION

196B Gaiwadi, Girgaum Bombay 4

Started on 30th April 1919, to promote the interests of the printing and litho presses and allied trades, to bring about harmony and co operation among press owners and workmen and to take such steps as may be necessary in furtherance of the above object

Honorary Secretary and Treasurer —M C Modi

BOMBAY PROVINCIAL HOCKEY ASSOCIATION LTD

D Road Lloyds Reclamation Churchgate Bombay 1

President —N H Tata
Hon Secretary — J Gonsalves *Hon Treasurer* —K Zinuddin

BOMBAY PROVINCIAL OLYMPIC VOLLEY BALL AND BASKET BALL COUNCIL

The Times of India Building Bombay 1

Objects —To encourage promote and regulate on a strictly amateur basis the games of basket ball and volley ball in the whole State, To organise conduct and supervise tournaments in the State, To train up referees and officials in the city and maintain a register of qualified referees and officials, generally to do such other things as are conducive to the attainment of the above objects

Chairman S G Vengsarkar *Vice Chairman* M C Kapadia, *Members* P S S Iyer, V A Chandran N S P Sagar, S H Bhoot *Hon Secretary* Khan Saheb M I Baig

BOMBAY SANITARY ASSOCIATION

Princess Street Kalbadevi Bombay 2

OBJECTS —(*a*) To create an educated public opinion with regard to sanitary matters in general, (*b*) to diffuse the knowledge of sanitation and hygiene generally, and of the prevention of the spread of disease amongst all classes of people by means of lectures leaflets and practical demonstrations and by holding classes and examinations, (*c*) to promote sanitary science by giving prizes, rewards or medals to those who may by diligent application add to our knowledge in sanitary science by original research or otherwise, (*d*) to arrange for homely talk or simple practical lectures for mothers and girls in the various localities and different chawls The Association has a building of its own—The Sanitary Institute—at Princess Street

The Institute provides a lecture room a library of standard literature on sanitation and hygiene and a museum of sanitary appliances It has also a bureau for information and a teaching centre on subjects connected with the problems of Public health Popular lectures and practical demonstrations are given from time to time by distinguished persons on subjects connected with sanitation and hygiene

Hon Secretary & Treasurer —Dr V V Puri, M B B S, D P H, D T M

BOMBAY SHROFFS ASSOCIATION LTD

233, Shroff Bazar, Bombay

Objects —To foster harmony among shroffs and commission agents, to make rules and regulations for Hundies, to promote indigenous Banking and to protect the interests of both and discuss matters relating thereto, to correspond with public bodies and others in matters pertaining to the objects of the Association and to make representations to the Local and Central Governments on any matter affecting trade, commerce, banking and industry of the country, to hear and decide matters referred for arbitration

This Association maintains a commercial library which contains a fairly large number of books on Finance, Banking, Industry and Commerce It always supplies Hundi Forms in Gujarati to its members as well as non-members almost at the cost price so as to bring into use one standard Hundi Form throughout India

President Sheth Jayantilal M Shah *Vice President* —Sheth Mohanlal Ambalal Parikh *Treasurer* —Sheth Tribhovandas Bhikabhai *Hon Secretaries* —Sheth Shankerlal C Sura Sheth Bipin chandra Kantilal *Secretary* —Ishwarlal Sarabhai Parikh B A, LL B

BOMBAY SOCIETY OF MODEL ENGINEERS

Noble Chambers Rooms 23 and 24, Parsi Bazar Street, Bombay 1

The Society was established to develop the rich potentialities of handiwork and craftsmanship of the younger generation and to bring together all lovers of handicrafts and model engineering Its activities include hobbies like model engineering from Meccano outfits, model railroading, fretwork, carpentry model aeronautics, model yacht and shipbuilding, wood turning on lathe, metal turning on lathe, etc

AIMS AND OBJECTS —(1) To afford opportunities to those boys who have the initiative in them but are unable to give vent to their creative power owing to lack of encouragement so that their latent talents may be developed, (2) to create interest in mechanical model building which will give intelligent occupation and instructive pleasure to all who participate in it (3) to stimulate assurance, initiative with independence of action by fostering the highest ideals of craftsmanship, to widen the mechanical knowledge of its members and gradually mould their vague ideas along productive channels so as to be of infinite value to them in the future (4) to seek to serve the engineering services and stimulate their growth for national benefit, (5) to promote and spread practical and technical knowledge amongst its members irrespective of caste, creed or colour

Chairman —M P Polson *Vice Chairman* —H K Colah *Hon Treasurer* —P R Sunkersett, *Hon Secretaries* —B A Engineer H P Tavadia

BOMBAY STATE AMATEUR ATHLETIC ASSOCIATION

C/o Anjuman i Islam High School, Bombay 1

Objects —To encourage promote, organise, conduct control, and assist in promoting and organising amateur athletics in the State of Bombay

President —A P Sabavala, *Vice Presidents* —S H Mehta and J J Jamieson *Hon Treasurer* —Dr M B Vajifdar *Joint Hon Secretaries* —M K Choksi and Jal D Pardiwala

BOMBAY STATE AQUATIC ASSOCIATION

C/o Victoria Swimming Bath, Back Bay Bombay 1

A leading swimming association in Bombay State and controlling body for aquatics in India It is affiliated with the Swimming Federation of India, recognised by the Federation International De Natation Amateur OBJECTS —To encourage the art of swimming, diving and water polo among amateurs of both sexes, to control and regulate all amateurs Aquatic meets, championships, select and train teams and to make arrangements for Inter State championships, etc

It is composed of leading swimming pools, clubs, associations, institutions, schools, universities, etc Regular yearly competitions are held in Bombay and Poona for junior, senior championships, water polo long course and open sea races

President —M N Mehta, *Vice President* —Soonderji Morarji *Hon Treasurer* —A M R Nazir, *Hon Secretary* —K F Golwalla

BOMBAY STATE ASSOCIATION OF PHYSICAL EDUCATION AND RECREATION

No 10 B D D Chawl DeLisle Road Post Jacob Circle Bombay 11

OBJECT Promotion of physical education and recreation in the State and research in physical education and recreation etc

OFFICE BEARERS *President* —Dr K S Mhaskar, M A M D, B Sc, D P H, *Hon Treasurer* —G V Puranik, B A, *Hon Gen Secretary* —Vasant P Borkar

THE BOMBAY STATE BHARAT SCOUTS & GUIDES

The Chunilal Mehta Scout Hut, Mahatma Gandhi Road, Bombay 1

The aims and objects are to promote the welfare of the Boy Scouts and Girl Guides movements in Bombay State and to arrange for harmonious co operation between Scout and Guide Local Associations in different districts in accordance with the aims policy rules and organisation of the Bharat Scouts & Guides National Headquarters, New Delhi

State Chief Commissioner Mr Justice M C Chagla, *State Commissioner (Scouts)* N N Pundole *State Commissioner (Guides)* —Lady H J Kama

BOMBAY STATE BILLIARDS ASSOCIATION

C/o Islam Gymkhana, Kennedy Sea Face, Bombay 2

Objects —To foster, encourage stimulate interest in, promote and develop the game of billiards and other recognised games played on a billiard table

CHIEF OFFICE BEARERS —*President* A A Jasdanwala, *Vice President* R K Vissanji, *Jt Hon Secretaries* Rafeek Dina and R K Adenwalla, *Hon Treasurer* Bhogilal C Shah

BOMBAY STATE CHESS ASSOCIATION

C o Chetana 34 Rampart Row Bombay 1

AIMS AND OBJECTS —To encourage the study and practice of the game of chess in the State of Bombay To get affiliated the chess organisations in the State and to assist the affiliated units to organise and develop the game To hold chess championship tournaments and to afford all facilities for the development of the game

OFFICE BEARERS —Rev Father M M Bilaguer (*Chairman*) V V Vad (*Honorary Secretary*) D P Ratnagar (*Honorary Treasurer*)

BOMBAY STATE CONSUMERS' CO OPERATIVE SOCIETY LTD

Oriental Building Flora Fountain Bombay 1

AIMS, OBJECTS AND ACTIVITIES —(*a*) To carry on wholesale as well as retail business of all articles of consumption excepting agricultural requisites such as seeds manures, agricultural implements, etc (*b*) To manufacture such articles either by itself or in combination with other consumers societies or producers societies subject to the provision in bye law No 3 (*a*) (*c*) To distribute its profit among its members or to utilise a part of the profits for public benefit (*d*) To do all things expedient for accomplishing, or incidental or conducive to the attainment of all or any of the objects of the Society

The Society runs 47 stores all over the State out of which 11 are in Bombay city, which cater to the requirements of the common people of all consumers goods

President —Shri Y B Chavan Minister for Civil Supplies Government of Bombay *Members* R N Samarth, B A (Oxon) (*Chairman*) V I Dehejia, I C S B A Koreishi B A, LL B M N Bajaj, B A, B com D N London B A LL B F W M A (Lond), I F M (Lond) P S Nadkarni B A (Hons) M G Bhatt J J Limaye, Mohamed Amin Vazir Mohamed Tambe P B Desai B A, LL B

BOMBAY STATE CYCLING ASSOCIATION

(Affiliated with the Bombay Provincial Olympic Association)

C/o 105, Apollo Street Post Box 448, Bombay 1

OFFICE BEARERS —*President* H D Dungor, M I S I, M M E A (Ind), A S F (Lond) *Vice President* Father Joseph Fell S J, *Treasurer* D H Dungor, *Hon Secretaries* P Unwala and I K Irani

BOMBAY STATE SHORTHAND WRITERS' ASSOCIATION

Krishna Nivas, opp Napoo Gardens Matunga, Bombay 19

OBJECTS —To coach up students for Bombay Government Higher Proficiency Examination in shorthand and to hold speed tests and award certificates, etc

Admission fee Re 1, Annual membership fee Re 1, Tuition fee Rs 1-12 0

President —G A Mahadevan, *Vice President* —M Sitaram, *Hon Secretary* —S S Sarma, *Hon Treasurer* —N V Ramana

BOMBAY STATE SOCIAL REFORM ASSOCIATION

Servants of India Society s Home Sandhurst Road, Bombay 4

OBJECTS —(1) Securing full development of all men and women irrespective of sex, caste or creed, (2) Promoting changes in the social system based upon justice and strengthening the fabric of Society, (3) Raising the status of women by education and encouraging monogamy, divorce and widow marriage and improving their rights under the law, (4) Abolishing untouchability, (5) Enforcing total prohibition (6) Improving the social condition of labour, (7) Removing the evils of the caste-system

The Association endeavours to bring about these reforms by educating public opinion by holding meetings, issuing leaflets and promoting social legislation for them

BOMBAY SUGAR MARKET LTD

104 114, Frere Road, opp Victoria Dock, Bombay 9

The aim and objects of the Bombay Sugar Market are to provide business premises and godowns for sugar merchants, to pool and purchase sugar gur molasses and the by products of sugar and to consider and settle all questions connected with the trade of sugar

BOARD OF DIRECTORS —Ardeshir Hormasji Bhiwandiwalla (*Chairman*), Manekial Ujamshi (*Mg Director*), Dr Kantilal Jagjivan Seth, Chunilal Manekchand, Jivandas Maganlal *Secretary* —Gautamlal A Shah B A LL B, Advocate High Court

BOMBAY SUGAR MERCHANTS' ASSOCIATION, LTD

104 114, Frere Road, opp Victoria Dock Bombay 9

The Sugar Merchants' Association was started in 1900 with a view to fostering unity and brotherly feeling amongst its members and brokers protecting promoting and safeguarding their trade interests providing, regulating and enforcing sales for the equitable carrying on of trade in sugar, adjusting all controversies, disputes and differences arising out of trade relations amongst them, mainly by its own Panchayat, putting import houses in touch with merchants abroad, supplying and spreading useful information in connection with the manufactures of and trade in sugar and offering its quota by way of subscriptions and donations to public and charitable causes

Office bearers

President —Sheth Manckial Ujamshi
Vice President —Sheth Chunilal Manekchand
Hon Secretary —Sheth Jamnadas Thakurdas Talreja
Secretary —Gautamlal A Shah, B A, LL B, Advocate

BOMBAY TAMIL CATHOLIC ASSOCIATION

292, Frere Road, Bombay 1

The aims and objects of the Association are To foster a spirit of union, friendship and self help among the members of the Tamil Catholic Community to pursue social service generally with a view to improving the religious, intellectual, economic and physical welfare of the members of the community Any Catholic over 18 years of age, irrespective of sex, of Tamil speaking districts, shall be eligible for membership of the Association

BOMBAY TAMIL SANGAM

1, Improvement Trust Blocks, King s Circle, Bombay 19

A registered Society established for the last ten years, for the development of Indian literature in general and Tamil literature in particular in this part of the country by holding literary classes, competitions festivals, dramas, exhibitions and such other activities of cultural nature every year

President —A N Sattanathan (Collector of Customs Bombay), *Vice Presidents* —T V Ramanujam C S Nair *Hon Secretaries* — R Murugiah S Kandaswamy *Hon Treasurer* —T S Hariharan, *Hon Librarians* —Kumari K Vasantha Kumari R Kamalavijayam

BOMBAY TENANTS ASSOCIATION

17, Benham Hall Lane, Bombay 4

Founded in 1931 with the object of safeguarding the rights of tenants and to redress their just grievances

OFFICE BEARERS —*President* —V G Dalvi, Bar at Law *Vice-Presidents* —Siplomi Abraham and R N Karnik B A, LL B, Bar at Law *Joint Hon Secretaries* —A N Namjoshi and Mrs S N Vajifdar Miss M *Hon Treasurer* R B Patel

There are branch offices and secretaries in each ward and 42 members of the Managing Board

BOMBAY TEXTILE AND ENGINEERING ASSOCIATION

Opp Railway Station, 348, Grant Road, Bombay

OBJECT —To afford opportunities for promoting acquaintanceship and frequent interchange of opinion, amongst employers, managers, masters, engineers, foremen, draftsmen and apprentices connected with the diverse textile and engineering trades and by providing literary matter relative to the above trades, to give members a ready means of keeping up to date with regard to all new inventions The Society will also afford mutual help to members out of employment

The Association holds meetings for the purpose of reading papers on subjects of interest and instruction to members and for discussion thereon It has a library of its own containing technical works and it circulates scientific journals amongst members at their own places

The Association also gives its considered opinion on the different bills pertaining to the textile industry, which are or may be introduced in the Legislative Assembly

President —H L Dawlatjada, M A, B Sc, LL B, *Vice President* N F Bharucha Comp I B *Hon Secretary* —Jall J Master, *Hon Treasurer* K S Pongan

BOMBAY TRUNK MANUFACTURERS' ASSOCIATION, LTD

Bamonji Building, Jail Road North Bombay 9

The aims and objects of the Association are to bring about unity amongst merchants engaged in the manufacture of steel trunks and to take action in all matters affecting their common interests and welfare Membership is open to any individual firm or company engaged in the manufacture of steel trunks

BOMBAY TYPE FOUNDRY OWNERS' ASSOCIATION

B 196, Gaiwadi, Girgaon, Bombay 4

Started in 1927 to protect the interests of the Type Foundry industry and to help in bringing about the general improvement and betterment of the entire industry

Hon Secretary —M C Modi

BOMBAY UNDERWRITERS' ASSOCIATION

6 Rampart Row Bombay 1

Objects of the Association —To unite Insurance Companies transacting Marine Insurance business and to secure joint action in all matters affecting the interests of such Companies

BOMBAY UNION OF JOURNALISTS

Prospect Chambers Annexe Hornby Road Bombay 1

Objects —Promotion and defending of status and interests of its members with regard to salary, conditions of employment, tenure of service professional usages and other matters, provision of means of social and cultural activities to members etc

Membership —Persons who depend for their livelihood on practice of journalism

Chairman of Executive Committee —M Sivaram *General Secretary* —K R Kamath, *Treasurer* —H Y Sharada Prasad

BOMBAY VIGILANCE ASSOCIATION

Churchgate House, 30 32, Churchgate Street, Bombay 1

The objects of the Association are (1) to secure recognition of the principle that the moral law is the same for both men and women, (2) to suppress and prevent the traffic in women and girls and the outrage, corruption, abduction and prostitution of persons under eighteen, (3) to do rescue and vigilance work in general, (4) to see that the provisions of the Indian Penal Code and of the Prevention of Prostitution Act of 1923, are efficiently carried out, (5) to prevent the publication and sale of indecent and obscene pictures, books and papers, and of objectionable advertisements, cinema films and theatrical performances and (6) to carry on active propaganda work for the ultimate and complete abolition of brothels

President —Shri Morarji R Desai

Hon Secretaries —Shrimati Sarala Sheth, C J Shah, M A Moses

BOMBAY YARN EXCHANGE LIMITED

Hanuman Building, Tamba Kanta, Bombay 3

To promote and protect the interests of manufacturers distributors and merchants carrying on business in Bombay and elsewhere in India, to regulate their methods of business, to establish just and equitable principles in the trade, and maintain uniformity in the rules, regulations and usages of the trade, to provide forms of contracts, fix market rates, and arbitrate between manufacturers distributors, merchants and brokers, to acquire, preserve and disseminate useful information connected with the trade and fix or adopt standards of classification of yarn to decrease or insure the local risk attendant upon the business to provide, regulate and maintain suitable head quarters for the Exchange in Bombay and elsewhere, and generally to control, promote and regulate the yarn trade in Bombay, and elsewhere in India, improve its stability and augment the facilities with which it may be conducted

Chairman —Seth Gordhandas Jadavji, *Vice Chairman* — Seth Kantilal Nahalchand, *Ag Secretary* —Laxmi Chandra P Jain

BOMBAY ZIONIST ASSOCIATION

63 67 Medows Street, P O Box 539, Bombay 1

The aims and objects of the Association are to educate public opinion regarding Zionist activities throughout the world, to foster Zionist ideals among Jews in India and to promote the establishment of cordial relations between India and Israel

EXECUTIVE COMMITTEE —*President* —A Manasseh *Vice President* — A J Ezekiel *Chairman* H Cynowitz *Jt Hon Secretaries* - A S Japheth and P S Gourgey, *Hon Treasurer* — F S Somekh

BOMBAY ZOROASTRIAN CO OPERATIVE LIFE ASSURANCE SOCIETY, LTD

241, Princess Street, Bombay 2

Business transacted—Life

OBJECTS —To maintain life assurance fund of members to render financial assistance for religious ceremonies when death occurs, by issue of whole life assurances

BRITISH MEDICAL ASSOCIATION

(Bombay Branch)

Founded in 1886 to promote medical and the allied Sciences and the maintenance of the honour and interests of the medical profession *Secretary* Dr D R Bharucha F R C S (Eng), 'Dreamland', 25, New Queen's Road Bombay 4

BUTTER MANUFACTURERS' ASSOCIATION

C/o Globe Dairy Co, "Ratti Villa," Tardeo, Bombay 7

This Association has for its object the safeguarding of the interests of indigenous butter manufacturers from foreign competition and against adulteration etc

President —Byramji Cowasji (Globe Dairy Co)

Vice President —Narayan S Kajrolkar, M P (Star of India Dairy Co)

Hon Treasurer —H A Parikh (Morton's Butter Depot)

CALEDONIAN SOCIETY OF BOMBAY

The object of the Society is to promote and foster matters of Scottish national interest and more particularly to provide for the due observance of the anniversary of St Andrew and generally to promote Fellowship among Scotsmen The Society may also, so far as its funds admit and so far as is deemed advisable by its Committee, render aid in cases of real and urgent distress among Scotsmen except when such cases would be more properly dealt with by local charities

OFFICE BEARERS —*President* —F W Oakley, *Vice Presidents* — Rev J H Patterson J E Jack *Hon Secretary* —A M Cameron, C/o The Imperial Chemical Industries (India) Ltd, Dougall Road, Ballard Estate, Bombay, *Hon Treasurer* —J E Milligan

CINEMATOGRAPH EXHIBITORS' ASSOCIATION OF INDIA

Sandhurst Building, Sandhurst Road, Bombay 4

The chief object of the C E A I is to promote, develop and encourage the growth of the exhibition branch of the Indian film industry in all possible ways to protect the interests of members, to collect and furnish information about any matters relating to exhibition of films, to settle and arbitrate upon disputes amongst members and among members and outsiders and establish branches or subsidiary Associations wherever it may be deemed necessary to extend the activities of the Association

President —B D Bharucha, *Vice President* —S G Patwardhan *Secretary* —I K Menon

CINEMATOGRAPHIC IMPORTERS' ASSOCIATION

Canada Building, Hornby Road, Bombay 1

The objects of the Association are

To promote co operation, goodwill and unity among persons, firms or companies especially connected with importation of cine goods equipment and all lines closely allied to it, as importers, with a view to their adopting a common policy and collectively taking such steps as may be deemed necessary or expedient to further and safeguard the interests of the importers

MEMBERS OF THE MANAGING COMMITTEE —I S H Rock (*President*), P C Kapadia (*Vice President*) W H Hese W E Kollmyer, A R Layden M B Bilimoria, J J Patel M A Fazalbhoy, S N Agarwal, I K Menon (*Secretary*)

COLLEGE OF PHYSICIANS AND SURGEONS OF BOMBAY

Hospital Avenue, Parel, Bombay

Established in 1911 by leading members, European and Indian of the Medical profession in the State, under the auspices of the then Surgeon General H W Stevenson C S I, I M S (Retd), for providing a purely Medical Institution of good standing, recognised by Government and managed by members of the profession

The College is at present an examining body only but, by encouraging the formation of good teaching schools and by means of its professional museums and library, it is eventually intended to become the centre of medical education in the State The College consists of a President, a Council and an unlimited number of Fellows and Members and grants F C P S, M O P S, D D S C P S, L C P S, and post graduate Diplomas in several subjects

PRESIDENT —Khan Bahadur Captain N J Vazifdar, M B E, L M & S F C I S

SECRETARY —Darabsha Kharshedji Bharucha

COMMERCE GRADUATES' ASSOCIATION

Wadia Building, Dalal Street, Bombay 1

President —R G Saraiya B A B Sc O B E, J P *Chairman* — B R Mama, B Com *Jt Hon Secretaries* N R Patel M Com, N T Dalal, B Com, F C A, *Hon Treasurer* —M I Purohit, B Com

MEMBERSHIP FEES —Annual Rs 6, Life Rs 100, Patron Rs 250 and over, Donor Rs 500 and over

CONSUMPTIVES' HOMES SOCIETY

Seva Sadan Buildings Gamdevi, Bombay

This Society was started by Byramji Malabari and Dayaram Gidumal on the 1st of June 1909 Malabari secured a large grant of land in a Himalayan pine forest in Dharampore (Simla Hills) from H H the Maharaja of Patiala, for a Sanatorium for Consumptives His Highness also gave a donation of Rs one lakh In 1911 by special permission the Sanatorium was named The King Edward VII Sanatorium It has its waterworks known as the Lady Hardinge Waterworks presented by Sir Chunubhai Madhavlal Bart, of Ahmedabad The Sanatorium has a Guest House The Noshirwan Adul Guest House for visitors to Dharampore It has accommodation for over 120 patients including the special Punjab Block built from a grant of the Punjab Government for European patients Most of the blocks and cottages are built by Parsis Dr D S Sethna M B, M S, F C P S is the Medical Superintendent in Charge assisted by the Asst Medical Superintendent, Dr J L Bhatia M B B S, and two other Junior Medical Officers Phiroze P Taraporevala is the Hon Treasurer, Jal M Dotiwalla and J F Kotwar are the Hon Secretaries

DECCAN SUGAR FACTORIES' ASSOCIATION

Industrial Assurance Building, Churchgate, Bombay 1

The Deccan Sugar Factories' Association was started in the year 1939 with the primary object of promoting, protecting and safeguarding the interests of the sugar industry and sugar trade in the Deccan

OFFICE BEARERS OF THE ASSOCIATION —*President* —D M Dahanukar, *Vice President* —W Jenkins, *Secretary* —G G Rege, M A, LL B, Solicitor

DEPRESSED INDIA ASSOCIATION

Association's New Building, Clarke Road, P O Jacob Circle, Bombay 11

OBJECTS —To supply the needs of the Depressed Classes in India, to spread education among them, to improve their moral and economic status, to improve them socially, to protect the interests of the industrial and agricultural labourers.

TRUSTEES —Sir Purshotamdas Thakurdas, Kt, C I E, M B E, M L A, Madan Mohan R Ruia Jamnadas M Mehta, M A, LL B, Bar at Law, R S Nekaljay, Ex M L C

EXECUTIVE COMMITTEE —*President* —R S Nekaljay, Ex M L C & Municipal Corporator

Vice-Presidents —Dr V R Bhoosrath, M B B S, M R San (Lond), Sheth Mulraj Karsandas, Ex Municipal Corporator

Hon Treasurer —Rao Bahadur R S Asavle, Ex-M I C & Municipal Corporator

Hon Secretary —D G Waghmare

DEVADIGA SUDHARAKA SANGHA

108, Bora Bazar Street, Bombay 1

The aims and objects of the Devadiga Sudharaka Sangha are to promote educational, social, physical and economic welfare of the Devadiga Community The Sangha conducts a free reading room and library which is open to the members as well as public

President —M Venkat Rao *Jt Hon Secretaries* —M Dayananda Rao, K Sanjivan

EAST BOMBAY BHARAT SCOUTS & GUIDES LOCAL ASSOCIATION

Object —To perform the functions of a local association in the East Bombay local area according to the rules of the Bharat Scouts and Guides in India

Headquarters —Sir Chunilal Mehta Hut [Mahatma Gandhi Road], Bombay

President —Sir Hormazdyar Phiroze Hoshang Dastur, Kt Bar at Law

Dist Commissioner (Scouts) —J D Surti
Dist Commissioner (Guides) —Miss Freny S Barla
Hon Secretary —Padam S Pavri
Jt Hon Secretary for Guides —Mrs Manj Bilimoria
Hon Treasurer —M R Patel
Hon Auditor —Dara Sorabji

EAST INDIA COTTON ASSOCIATION, LIMITED

Cotton Exchange, Marwari Bazar, Bombay 2

OBJECTS —To provide forms of contracts compulsory or permissive and regulate the making, carrying out and enforcement or cancellation of contracts, to adjust by arbitration or otherwise controversies between persons engaged in the cotton trade to establish just and equitable principles in the said trade, to maintain uniformity of control of the said trade to fix or adopt standards of classification of cotton, to acquire, preserve and disseminate useful information connected with the cotton interest throughout all markets, to decrease or insure the local risk attendant upon business, and generally to control, promote and regulate the cotton trade in the State of Bombay and elsewhere in India, improve its stability and augment the facilities with which it may be conducted

Chairman —Sir Purshotamdas Thakurdas K B E, C I E, *Vice Chairman* —Chimanlal Bapalal Parikh, J P *Secretary* C M Parikh, B Com J P *Asstt Secretary* —S A P Aiyar

ELECTRICAL CONTRACTORS' ASSOCIATION

63, New Stock Exchange Building, Apollo Street, Bombay 1

This Association was formed in 1925 to safeguard the interests of those engaged in the electrical engineering trade in the Bombay State in general and of licensed electrical contractors in particular In recognition of its services to the trade in the past and in the present, Government has given the right to the Association to nominate two of its members on the Licensing Board, the highest statutory body that looks to cases of malpractice, granting, suspension or cancellation of licences of electrical contractors The Association publishes under its auspices *Indian Electrical Contractor and Trader*, the only monthly magazine of its type in India, and also maintains a reference library for the use of its members

President —S N Jhaveri, *Vice President* —V D Treasurer, *Hon Secretary* —B S Kurwa, *Hon Treasurer* —D M Doctor, *Members, Licencing Board* —B P Sheth, K C Patel

EMPLOYERS' FEDERATION OF INDIA

Elphinstone Building, Churchgate Street, Bombay 1

Objects —To promote and protect the interests of employers engaged in the trade, commerce industries and manufactures of India, to promote or oppose legislation or other measures affecting their interests, to collect and circulate statistics and other information of interest to employers, to nominate delegates and advisers to the International Labour Conferences and to formulate opinions on the subjects coming for discussion before such bodies, and to promote or oppose their recommendations, to secure concerted action on all subjects involving the interests of its members, to consider and support well considered schemes for the welfare and uplift of Labour and establish harmonious relations between Capital and Labour, and to carry on propaganda for the purpose of educating public opinion with regard to the character scope, importance and needs of industrial enterprise as represented by the Federation

OFFICE-BEARERS

President —Sir Homi Mody, K B E
Deputy Presidents —Sir Robert Menzies Sir Vithal Chandavarkar, Sir Allan Elliott Lockhart and C S Ratnasabapathy Mudaliar
Secretary —T S Swaminathan

ENGINEERING ASSOCIATION OF INDIA

Bombay Region

The All India body has its office at Calcutta 23 B, Netaji Subhas Road, Calcutta, while the Regional body has its office in Bombay, at Construction House, Ballard Estate, Bombay

The President of All India body is D N Jalan and its Secretary, R D Tiwari The Chairman of the Regional body is Pranlal Patel and the Secretary M de Melo

ESTABLISHMENT OF THE BOMBAY NURSES, MIDWIVES AND HEALTH VISITORS' COUNCIL

Old Yacht Club Building, Apollo Bunder, Bombay 1

The legislation for the registration of Nurses, Midwives and Health Visitors with a view to protecting the public from persons who misrepresent themselves as fully qualified Nurses, Midwives or Health Visitors was passed by the Bombay Government in April 1935, namely the Bombay Nurses, Midwives and Health Visitors' Registration Act The Act obtains for them the necessary status and secures their registration in other States and States Unions in India

The training and registration of nurses, midwives and health visitors in Bombay State is controlled by the Council Nurses who are trained and registered in this State can now get registration with the General Nursing Council of England and Wales and the General Nursing Council of Scotland and can practice as qualified nurses in these Countries

EXHIBITION SOCIETY

Central Bank Building, Hornby Road, Bombay 1

The Society is founded for organising exhibition sales of indigenous household articles with the dual object of giving publicity and encouraging sales of Indian arts and crafts and to give facility to the general public to buy varieties of goods including cloth at marked prices from one place only The Society is a non sectarian and non profiteering body, hence stalls are given entirely free to charitable institutions and to new craftsmen Likewise entrance to the exhibitions is always free

EX-SERVICES ASSOCIATION, INDIA

BOMBAY BRANCH —T/18, Barracks, Colaba, Bombay 5

Chairman —B J O'Shaughnessy
Vice-Chairman —Major H R Henderson
Hon Treasurer —Lt -Col W J Frawley
Secretary —Major A H Gryils.

FAMILY PLANNING ASSOCIATION OF INDIA

5, Carmichael Road, Bombay 26

The aims and objects are the propagation of the principle of family planning for all classes through the press, lectures, film shows, and practical schemes of work undertaken by the organisation Amongst the latter are the following (*a*) Active co operation with the Municipal Family Planning Clinics and similar Centres in the country Enlisting co-operation of Medical practitioners, welfare organisations, women s associations, employers, trade unions and social workers in order to make Planned Parenthood popular among the masses (*b*) The Kutumba Sudhar Kendra (Family Welfare Centre), Opp Central Station, Bombay, provides advice on planned parenthood in all its aspects (*c*) A free library and reading room at Mint Road, Fort Market, Bombay (*d*) A monthly paper *Planned Parenthood* giving Family Planning information and general news items on this subject

President —Lady Rama Rau
Vice Presidents —Mrs Mithan J Jam
Hon Secretaries —Mrs Avabai Wadia, Mrs Klara Ajgaonkar
Hon Treasurers —Mrs R D Char, Mrs M S H Jhabvala

FEDERATION OF BRITISH INDUSTRIES

(Incorporated in England by Royal Charter)

Head Office 21, Tothill Street London, S W 1
Indian Branch Office United India Building, Sir Pherozshah Mehta Road, Bombay 1

The Federation's membership comprises over 7,000 British manufacturing firms in the United Kingdom covering all industries, In addition, over 280 individual British trade associations are affiliated to the Federation

The Indian branch office acts as special representatives for the Association of British Chemical manufacturers and the Association of solid woven belting manufacturers

Branch Manager —A St J Shuttleworth, O B E

FEDERATION OF ELECTRICITY UNDERTAKINGS OF INDIA

Killick Building, Home Street, Bombay 1

OBJECTS —To promote, protect and assist the rights and interests of its members and Licensees in India and to give the Government of India, State Governments, Municipalities and other Local Authorities and others, facilities for conferring with and ascertaining the views of the Electric Supply Industry as regards matters directly or indirectly affecting it, and negotiate with them on behalf of the Industry on all questions, problems and grievances affecting or which are likely to affect the industry

COMMITTEE —K G Milne, I A Macpherson N N Iengar, J W Bawcett, I A Sayer, T M Rangachari, P E Patel, N C Javeri B D Somani
Secretary - R P Aiyer

FEDERATION OF SOCIAL WELFARE ASSOCIATIONS

207, Bazar Gate Street, Bombay 1

Aims and Objects —To establish co operation among organisations carrying on social welfare work, and to bring about co ordination of their activities, to investigate and study social and economic conditions and problems obtaining in the city of Bombay, with a view to suggesting their solution either through fresh social welfare activities or by preparing a legislative programme

FILM FEDERATION OF INDIA

Sandhurst Building, Sandhurst Road, Bombay 4

Federation of the various film trade organisations in India with its head office at Bombay Among its objects are —

(*a*) to promote the development of the Indian film industry by co-ordinating the various units of the industry, by enforcing discipline within its fold, by investigating into its peculiar problems, by establishing better public relations, by acting as a liaison between the industry and Government
(*b*) to protect, safeguard and further the interests of the Indian film Industry by applications, deputations, petitions, memorials etc to the Government and public bodies and other institutions

President —B N Sircar, *Vice-Presidents* M B Bilimoria and A Ramiah, *Hon Treasurer* S K Mukherji, *Secretary* D Pramanik

FIRE SALVAGE ASSOCIATION OF BOMBAY, LTD.

Jacob Sassoon Building, 6, Rampart Row, Bombay 1

Executive Assistant —T H Asanpota

Secretaries —Bombay General Insurance Association

Objects.—To provide an organised salvage corps of trained men, who will always be ready to attend at fires, take charge of salvage and handle salvage, if necessary

Station —Sewree Cotton Depot *Superintendent* —S M Saleh, *Station Officers* —M A Telang C L Job, *Station Sub Officer* — Nana Govind

FRIENDS OF BURMA SOCIETY

17, Elphinstone Circle, Bombay 1

The Society was established in 1947 under the able guidance of the late S A Brelvi It aims at promoting better relations between India and Burma

President —M C Setalvad *Hon Gen Secretary & Treasurer* — R A Bhimjee, J P

GAMDEVI CONSUMERS' CO OPERATIVE SOCIETY, LTD

Harkishan Bldg, Gamdevi, Bombay 7

Objects —To sell to its members and others all articles of consumption bought by it or manufactured by it, to distribute its profits to members and customers and to apply a part of the profits for works of social benefit

President —Prof. M V Chandgadkar, M A, *Chairman* — Vasant P Borkar, *Hon Secretary* —Pyarelal Shamrao Paralkar, B Sc, LL B, Advocate *Hon Treasurer* — Ganpat Vinayak Chemburkar

GAMDEVI SEVA SANGH

J K Building, No 4, Gamdevi, Bombay 7

Aims and Objects —To improve the physical, intellectual social and material status of the members of the Society in general and those of the Sangh in particular and to inculcate in them spirit of co-operation, comraderie and sacrifice

President —Vasant P Borkar, *Vice Presidents* —S R Koppalkar and K S Laud *Jt Hon Secretaries* -D S Moolgaokar, B A, R G Kope *Jt Hon Treasurers* —Pyarelal S Paralkar, B Sc, LL B, M J Ramnathkar, Advocate

GAUD BRAHMIN SABHA

30, Kudaldeshkar Gaud Brahmin Nivas, Girgaum, Bombay

This social institution was founded in Bombay in 1897 The primary object of the institution is to work for the all-round advancement of the Kudaldeshkar Gaud Brahmin Community by all legitimate means

President —N D Samant J P
Vice-President —P J Galvanker
Treasurer -B R Khanolkar
Secretary V G Mainkar

GOAN UNION

75, Princess Street (West), Bombay

A representative Association of the Goans

Object —The object of the Goan Union is to serve as a strong bond of union among Goans all over and to promote their moral, social, economic, intellectual and educational advancement It has also a Bureau of Information

Membership is open to all individuals of Goan origin

The Union owns and manages the Little Flower of Jesus High School founded in 1924 by late Rev Fr Herculano Gonsalves

GOAN YOUTHS' ASSOCIATION

Shrinath Bhuwan, Picket Cross Road, Bombay 2

Objects —To mobilise young Goans for the humanist ideal of intellectual, social, economic and political advancement by (*a*) organising study circles, debates, lectures and publishing periodicals, pamphlets and books bringing out the desirability of a progressive and equalitarian social system (*b*) combating illiteracy and backwardness in all their forms, (*c*) maintaining a free library, (*d*) helping talented youths, (*e*) maintaining an employment bureau and (*f*) the promotion of instruction and the relief of the needy, generally Co-operation from all progressive people is solicited

GRAIN AND OILSEEDS MERCHANTS' ASSOCIATION

72 80, Masjid Bunder Road, Mandvi, Bombay 3

Objects —To promote and protect the general mercantile interests in the grain and seeds trade of Bombay in particular, and of the State in general, to collect information concerning the grain and seeds trade, to remove grievances affecting grain and seeds merchants as a body, to decide reference on matters of usages and customs in dispute, to communicate with public authorities, etc, on the subject of general mercantile and public interest, and to arbitrate between parties willing to refer to and abide by the judgment of this Association

President —Seth Velji Lakhamsi Nappoo, B A, LL B, *Vice President* —Seth Devji Rattansey, *Hon Secretary* —Seth Vallabdas Peraj, *Secretary* —K N Joshi

GUJARATI HINDU STREE MANDAL

123, Vithalbhai Patel Road Bombay 4

The aims and objects of the Mandal are the development of Gujarati womanhood by various activities social, religious and educational

The main activity of the Mandal is educational, It conducts home classes an industrial home, Lady Teachers College of Tailoring and Embroidery, the Vernacular final class the Bala Mandir &c in its premises

The Mandal maintains the Jamnabai Sakkai Free Library, and also the Sir Jagmohandas Library for children It issues a monthly patrika

President —Lady Tarabai C Mehta, *It Hon Secretaries* —Mrs Rasikmani B Desai, Mrs Kusumgauri M Munshi and Mrs Tilottama S Pathak

HOTEL & RESTAURANT ASSOCIATION OF BOMBAY REGION

Taj Mahal Hotel, Bombay 1

Objects —To encourage, promote and protect the interests of proprietors and other persons interested or concerned in hotels restaurants, boarding houses and all allied trades and to take all such steps as may be considered expedient for that purpose including the provision of legal and other professional advice and assistance, etc

OFFICE BEARERS - *President* —A P Sabavala, *Hon Secretary* —Manek S Shaw, *Hon Treasurer* —S V Katkar

INDEPENDENT NATIONALIST HARIJAN PARTY

112, Medows Street, Bombay 1

The aims and objects of the party are to ameliorate the social, educational, economic and political interests of the Depressed Classes

President —S G Songavkar
General Secretary —N S Kajrolkar, M P

INDIAN CANCER SOCIETY

Tata Memorial Hospital, Parel, Bombay 12

The aims and objects of the Society are to encourage and support scientific research for the causes of cancer and for its prevention and control to save lives by creating a public awareness of curability of early cancer and a medical awareness of the best methods of detection diagnosis and treatment, to give encouragement and volunteer aid to persons suffering from cancer in various forms and to combat quackery in cancer

Chairman —N H Tata
Vice Chairman —Dr V R Khanolkar, B Sc, M D (Lond)
Hon Treasurer —P A Narielwala
Hon Secretary —Dr D J Jussawalla, M S, F R C S E, Surgeon, Tata Memorial Hospital, Parel, Bombay 12

INDIAN COUNCIL FOR PROMOTION OF INTERNATIONAL TRADE

Industrial Estate, Ulbaug, Bombay 12

OBJECTS —The object of the Council is to promote International trade with all countries on the basis of equality with due regard to the needs of the industrialisation of the country and with a view to increasing the aggregate national income and to take all steps for promoting and safeguarding the interests of trade in general

OFFICE-BEARERS *President* Murarji J Vaidya (Bombay), *Vice Presidents* Chimanlal B Parikh (Bombay), K K Birla (Calcutta), Charat Ram (Delhi), D P Mukerji (Lucknow), *Hon Treasurers* G V Puranik (Panvel) Pravinchandra V Gandhi (Bombay), *Hon Secretaries*, Arvind Kilachand (Bombay), N H Kotak (Bombay) P M Shah (Bombay), K U Barodia (Bombay)

INDIAN INSTITUTE FOR EDUCATIONAL AND CULTURAL CO OPERATION

N M Wadia Trust Building, 22 D, Parsi Bazar Street, Bombay 1

President Sachivottam Sir C P Ramaswami Aiyar K C S I, K C I E, L L D *Chairman of the Executive Committee* —Sir Rustom Masani, M A *Honorary Secretaries* —Prof N A Nadvi M A Dr B M Gai, M A Ph D *Honorary Treasurer* Ramdeo Anandilal Podar

INDIAN INSTITUTE OF BANKERS

Imperial Bank of India Building, Apollo Street, Bombay 1

Objects - To support and protect the character status and interest of persons engaged in or connected with the business of banking particularly in India

To encourage the study of the theory of banking

To promote information on banking and kindred subjects by lectures, discussions, books and correspondence with public bodies and individuals

To collect and circulate statistics, and other information, relating to the business of banking in India

Secretary —C P Shivdasani

INDIAN MOTION PICTURE DISTRIBUTORS' ASSOCIATION

Mogul Lane Off Sitaladevi Temple Road Mahim, Bombay 16

The Association was established with the object of promoting, developing and encouraging the growth of the distribution branch of the Indian film industry in all possible ways—by fostering friendly relations among those engaged in distribution of Indian films by protecting members against unethical practices, infringements etc by collecting and furnishing information about all matters relating to distribution and exhibition, by settling disputes and arbitrating amongst contesting parties by establishing branches or subsidiary associations in other territories, etc etc

INDIAN MOTION PICTURE PRODUCERS' ASSOCIATION

Sandhurst Building, Sandhurst Road, Bombay 4

The Association was established with the object of promoting the development of the film industry in India by enhancing and safeguarding the interests of the members by encouraging the growth of friendly feelings among persons engaged in the industry by collecting and furnishing information about all matters relating to films and their production, distribution and exhibition, etc etc

President —Jaimini Dewan *Vice President* —S J Bhat, *Secretary* —I K Menon

INDIAN NATIONAL SOCIETY

Soho House, Lohar Chawl, Bombay 2

AIMS AND OBJECTS To create democratic consciousness amongst masses to popularise Indian culture and study, promote good will and understanding amongst various communities in India Cosmopolitan

ACTIVITIES —Help to poor students Lectures film shows, etc for educational uplift amongst the poorer classes Organisation of inter communal gatherings at various festivals

INDIAN RAILWAY PASSENGERS' CONFERENCE ASSOCIATION

Ruby House, Colaba Tram Terminus, Bombay 5

Aims and Objects —To instruct and spread knowledge amongst the members of the travelling public, the railway staff and the members of the railway police, regarding the rules and regulations governing railway travel and to acquaint them with regard to their legal obligations to each other, to found or maintain libraries or reading rooms and to publish literature, pamphlets, brochures, news letters, newssheets, newspapers periodicals and/or other publications dealing with the carriage of passengers and the transport of goods, for general use, open to the public to hold periodical conferences for the purpose of the diffusion of useful knowledge amongst the travelling public, the railway staff and the railway police, to establish Poor Homes at any place or places in India for the benefit of destitute men, women and children, orphans, beggars and/or others who infest railway premises or otherwise, to prevent them thereby from a life of crime and to convert them into law abiding citizens by providing them with food, shelter, medical treatment, clothing and employment and to instruct and help them to earn a livelihood through cottage industries and other suitable employment or spheres, to set up museums and to organise exhibitions to demonstrate or display, *inter alia*, the progress and development of the transport industry, to render free legal advice and aid to railway passengers

President —Matadin Hariram Khaitan, *Vice-Presidents* —Prabhashankar Shukla, J P, Z F Bootwala, Bar at Law, *General Secretary* —C B L Bhatnagar

INDIAN ROADS & TRANSPORT DEVELOPMENT ASSOCIATION, LIMITED

27, Bastion Road, Bombay 1

Patron —Mr Girja Shankar Pajpai Governor of Bombay

The Association has its headquarters in Bombay and branches at Calcutta, Bombay, Madras, Nagpur, New Delhi and Gauhati

The aims and objects of the Association are to promote the development of transport of any kind including Road Motor and Air Transport throughout India by making representations to the Government of India, Governments of States District Boards and other Public Bodies concerned, regarding the construction, improvement and maintenance of roads bridges, aerodromes, etc, to make representations to all or any of the bodies regarding the adjustment of taxation, customs duties and excise affecting motor vehicles and other modes of transport and the employment of same in such a manner as to facilitate the development of transport throughout India, to educate the public by means of propaganda and to create authoritative public opinion with regard to the needs of and advantage to be derived from improved road and air communications and the use of these forms of transport

President —M R Masani M L *Vice President* – L A Nadirshah O B E J P

INDIAN SOCIETY OF AGRICULTURAL ECONOMICS

40 48, Esplanade Mansions Mahatma Gandhi Road Fort, Bombay

INDIAN STATISTICAL INSTITUTE

(Bombay Branch)

C/o Department of Research and Statistics, Post Bag No 1036' Reserve Bank of India, Bombay 1

OFFICE BEARERS —V I Mehta *President*, C N Vakil L S Vaidyanathan R G Saraiya D R N S R Sastry *Vice Presidents*, V V Divatia K S Rao *Joint Secretaries* Dr D T Lakdawala, *Treasurer*

INDIAN STOCK EXCHANGE LTD

Lakshmi Building, Sir Phirozshah Mehta Road, Bombay 1

The Indian Stock Exchange Ltd, was established in 1937 by some of the eminent and leading business men of Bombay with a view to providing adequate facilities for the Stock Exchange trade

Membership Full Members — Rs 296 Associate Members 578

DIRECTORS

President —Sir Chunilal B Mehta Kt *Other Directors* —Sir Behram N Karanjia, J P, Hemraj Anandilal Mancklal Chunilal Shah, Premchand C Bhavani Bishwambhardal Maheshwari, Trambaklal Amulakh, *Secretary* – R Ramaswami

INDUSTRIAL WELFARE ASSOCIATION (INDIA)

Scientific Management (India) Ltd

Taj Mahal, Post Box 2394, Bombay 2

The Association, popularly known as IWA (India) having its central office in Bombay with proposed branches in important industrial centres all over India is a professional body of welfare workers in industry combined with progressive industrial concerns

Aims and Objects —

(i) to promote and organise scientific training and research in industrial welfare administration with a view to ensuring a high standard for the profession,
(ii) to supply information on matters relating to industrial welfare through its Information Bureau,
(iii) to disseminate knowledge on industrial welfare through its quarterly organ, Organisation, Planning and Efficiency
(iv) to undertake study tours or research work in industrial relations and personnel management,
(v) To provide existing industrial welfare workers with opportunity for study and training through its School for Labour and Industrial Relations

The Association awards diplomas and certificates to qualifying candidates F I W A (Ind), Dips of Fellowship, M I W A (Ind), Dips of Membership, A I W A (Ind), Certs of Associateship,

Executive Committee —*Patron* —The Hon'ble Shri V V Giri, Minister of Labour, Government of India, *President* —S K Patil, M P, *Vice Presidents* —Miss Dorothy Moses, M A, B T, Dip S S (Liverpool), C S W (New York), Dr M V Moorthy, B A, Ph D, L Ploskel, M Sc, D K Sanyal, M A, O B E, *General Secretary* —E J S Ram, *Treasurer* —V K Kotnis

INSTITUTE OF SECRETARIES

Lentin Chambers, Dalal Street, Fort

President —A C Ramalingan J P
Chairman —C C Sutaria
Hon Secretary - C J Gambhirwala
Hon Treasurer —P L Kapadia

INSTITUTO INDO PORTUGUESE

Dhobi Talao, Bombay

IRAN LEAGUE

Navsari Building Hornby Road, Bombay 1

Aims and Objects —To renew and continue the connection between the old land of Iran and Hind To continue and encourage fraternal sentiment towards and interest and enthusiasm in the cause of Iran To confederate the Zoroastrian population in Iran with a view to ameliorate their condition and also to strive for their uplift To make researches with reference to their religion and ancient Parsi history To stimulate commercial relations with Iran To obtain and spread among Parsis and others by means of lectures and literature authentic information regarding the state of affairs in Iran To secure the sympathy of the Indian Government and the Iranian subjects towards the cause of Parsis and Iran

Secretary —K A Bitter, Nishan e Limi

ISMAILIA ASSOCIATION

Recreation Chambers, Imamwada Road, Bombay 9

The Association originally the Recreation Club Institute a philanthropic and humanitarian body, founded in 1912 with the object of uplifting and elevating the poor without distinction of cast or creed It also tries to improve the social economic and spiritual condition of the poor classes of people and with this intent has founded primary schools associations and such other departments in order to ameliorate their condition and to achieve these objects by constructive and constitutional means It has several branches in different parts of the country

The Institute has lecture halls for social and religious gathering and publishes the *Ismaili* (a weekly) and *Anna* (monthly) both Anglo Gujarati

Board of Executives —*World Head*, Ali Mahomed Mecklai *President*, Mahomedali G Fazulbhoy J P *Vice President*, Mangalji A Hooda, *Gen Secretary* Gulamhusein D Varass

JOGESHWARI RESIDENTS ASSOCIATION

Jogeshwari, East

President S M Madan *Vice President* G V Mervana *Hon Secy* K M Borgaonkar K L Bhagra, *Treasurer* S P Mehra

KANARA CATHOLIC ASSOCIATION

14 Noble Chambers, Parsi Bazar Street, Fort

OBJECTS – To promote mutual friendship between Mangaloreans at social gatherings, along with other communities invited as guests, for dances, whist drives picture shows - Proceeds of which go for charitable institutions and leper homes

KANARA SARASWAT ASSOCIATION

18, 1 2, Association Building, Talmakiwadi, Tardeo Road, Bombay

Objects —To foster a spirit of brotherhood and co operation among the members of the Kanara Saraswat Community, to organise social service and promote the moral, intellectual and material advancement of the community

President —Ganesh R Bhatkal *Vice President* —Atmaram H Kulkarni, *Chairman* —K S Mavinkurve, *Secretary* —G S Mavinkurve, *Jt Secretary* - Gajanan V Nadkarni, *Treasurer* —G V Nadkarni, *Jt Treasurer* —R K Kombrabail

KANDOLIA YOUNG MEN'S ASSOCIATION

13, Anantwadi Bombay 2

The Association's aims are to bring about union amongst the Community, to promote friendship between different circles, help to educate poor students, to run a periodical devoted to the Community's needs, etc

KARKAL BILLAWAR UNION

192, Bazar Gate Street, Bombay 1

Objects —To spread education among the Billawars of Karkala taluk, award scholarships, establish hostels, schools, reading rooms and libraries for the benefit of Billawars and other educationally backward communities

KERALAYA MAHILA SAMAJ

Cadell Road, Shivaji Park Bombay 16

Nature of the Body Social
President —Mrs Yasoda Karuvan
Vice President —Mrs Mary Korula
Secretaries Mrs S R Nair, Mrs M Cherian

KHORSHED MANDAL

C/o Messrs Gagrat & Co, Alli Chambers, Medows Street, Bombay 1

Objects —Advancement *inter alia* of the religious, moral, educational and social well-being of Parsis professing the Zoroastrian Faith and the performance of Jasan and Navjot ceremonies of poor Parsi boys and/or girls, holding of elocution competitions for Parsi students attending schools and colleges and giving help to poor and deserving Parsi students

Board of Trustees —M S Banaji, F C R A (Lond) (*Chairman*), D D P Adenwalla, R A Gagrat, B A, LL B, Solicitor, H E Mistry, B A (Hons), LL B, S P Bharucha, P R Patel, B A, LL B

KINEMATOGRAPH RENTERS' SOCIETY LTD

Haroon House Bazar Gate Street, Bombay 1

The objects for which the Society is established are to guard the prosperity and development of the motion picture industry in India and to protect its members against all persons who discredit the motion picture business

J Remi Cristo (*President*), N C Taharry (*Vice President*), B N Nadkarni (*Council Member*)

KITTE BHANDARI AIKYA-WARDHAK MANDALI

K B A V Mandali's Building Gokhale Road (North), Dadar, Bombay

Object —To strive for the educational uplift of the Kitte Bhandari Community and to assist by the grant of Scholarships to the poor and deserving students of the community

President —Rao Bahadur S K Bole

Vice Presidents —R S G R Jaokar and S B Golatkar

Secretary —A B Parker

Trustees —Rao Bahadur S K Bole V D Kunagutkar, V S Bole K R Devker and A S Bagaitkar

Treasurer —Y D Bole

Asst Treasurer —D B Kambli

KOLI YUVAK SANGHA

475, Madhavrao Rokde Street, Bombay 9

Objects —(1) To strive for the uplift and advancement of the Koli Community, (2) To remove illiteracy and promote education

MANAGING COMMITTEE

President —I J Thanekar *Vice President* P N Thanekar, *Jt Secretaries* —R I Thanekar J N Thanekar *Auditors* —M R Koli, B N Thanekar *Members* —S L Thanekar, D P Thanekar K J Thanekar

LOCAL SELF GOVERNMENT INSTITUTE

11, Elphinstone Circle Bombay 1

Association of Municipalities and other Local Bodies in Bombay State, established in 1927

Conducts training classes for Local Self-Government Service, awards I S G D Diploma, recognised by Government of Bombay

Maintains a big library and runs book depot of publications on Local Self Government subjects, conducts four journals in English, Marathi, Gujarathi and Kanarese

Tenders free legal and technical advice to Local Bodies, acts as Central Stores Purchasing Agency, holds periodical Conferences of Local Bodies and renders other numerous services

LOKAMANYA SEVA SANGH

Tilak Mandir, Vile Parle (East), Bombay No. 24

A non communal and non sectarian body which aims at co operation and unity amongst all citizens, in all matters, social, educational and civic

The Institution owns a large building (Tilak Mandir), which is equipped with a gymnasium, a library and a meeting hall Among various other activities the Institution conducts a ration grain shop All activities are handled by honorary workers

President —B D Phansalkar, *Chairman, Mfg Committee* —H N. Kale, *Secretaries* —S M Joshi and R B Phansalkar

MAHARASHTRA LIBRARY ASSOCIATION

737, Parsi Colony, Dadar, Bombay

OBJECTS —(*a*) To spread the movement of public libraries and reading rooms by starting new ones, (*b*) To help the existing ones by various means, (*c*) To institute a model free library and reading room for Maharashtra, (*d*) To carry on educative propaganda in general and to make endeavours for attaining the objects of the resolutions passed at the last Maharashtra Libraries Conference, and (*e*) To organise free reading rooms and libraries in Maharashtra

MAHIM PARSEE ASSOCIATION

Narielwalla Building Station Road, Mahim, Bombay 16

The Institution was founded for the social and economic welfare of the Parsee Zoroastrians residing at Mahim and neighbourhood

OFFICE BEARERS —*President* —B K Boman Behram, *Vice-President* —S N Kotwal *Honorary Treasurer* —D R Kharas, *Honorary Secretary* —T B Chinoy

MANGALOREAN CATHOLIC CO OP CREDIT SOCIETY LIMITED

14 Noble Chambers, Parsi Bazar Street, Fort

OBJECTS —To encourage thrift and co operation among its members and to create funds by means specified hereafter, to be lent out at interest to the members of the society and to other registered co op societies by issuing shares or debentures, by receiving deposits, by receiving loans and by donations

MARATTA MANDIR, LTD

Lamington Road (North), Bombay

The aims and objects of the Maratta Mandir are to work generally for the uplift of the masses backward in educational, social and other fields

The Maratta Mandir has at present six branches, including Bombay Education League, which runs —

High School at Thakurdwar, 320, Girgaon Road Worli High School, No 49, B D D Chawls, Worli, Primary School, Byculla Shri Shahaji High School Akalkot, Training College for men Akalkot, Sri Ramrao Vidya Mandir Jath Maratta Mandir, Sholapur Branch Maratta Mandir's Co operative Bank, Ltd, Maratta Mandir's Seva Sangh Maratha Mandir Higher Education Fund and Birla Foreign Scholarship Fund and Maratta Mandir's Publicity Bureau

GOVERNING COUNCIL —*President and Patron* —Lieut General His Highness Sir Jiwajirao Maharaja Scindia Alijah Bahadur, G C S I, G C I E, Maharaja of Gwalior, *Patron* —Major General His Highness Maharaja Sir Pratapsinha, Maharaja of Baroda, *Vice President and Patron* —Ft /Lt Patangshah Yeswantrao Mukne, Maharaja of Jawhar, *Patron* —B D Sawant, *Treasurers* —B D Sawant, A H Sawant *Vice Patron and General Secretary* —G G Gawde, *Hon Jt Secretary* —I D More

MARITIME UNION OF INDIA

204, Hornby Road, Bombay 1

The Union formed in 1939 is a registered, recognised and representative Union and is affiliated to the International Transport Workers' Federation, the Officers (Merchant Navy) Federation of London and the Hind Mazdoor Sabha

The Union is recognised by the principal shipping companies and is represented on the Maritime Labour Advisory Committee, Port Welfare Committee, and on the Councils of the Officers (Merchant Navy) Federation, Hind Mazdoor Sabha, and the Indian Sailors Home Society

The Union's quarterly publication the "OCEANITE" is the only maritime magazine in India

The Merchant Navy Co-operative Stores, Ltd situated opposite Red Gate, Alexandra Dock, is sponsored by the Union

The Union has a branch office in Calcutta.

President —Capt R R Memery
General Secretary —J D Randheri

MARWADI SAMMELAN

Kalbadevi Road, Bombay 2

Objects —To spread education amongst the people, to undertake activities for their literary, social, spiritual and moral progress; to render medical help to encourage and help Hindi literature and language, to establish educational institutions, to open dispensaries, service leagues, debating societies, etc, to educate the public by demonstrations, to undertake the printing and publishing of newspapers, periodicals and books, to encourage the formation of volunteer corps, to award scholarships to deserving scholars, and, for the purpose of the society, to collect funds by means of donations and subscriptions and to expand the same for the benefit of the society.

MECHANICAL ENGINEERS' ASSOCIATION (INDIA)

Janmabhoomi Chambers, 29, Fort Street, Bombay 1

Objects —To promote the general advancement of engineering science (Civil, Mechanical, Electrical, etc) and its application to India, and to facilitate the exchange of views, ideas regarding allied subjects amongst members and persons attached to the Association, and maintain local centres in several important States and thus ensure each individual member being given equal opportunity to enjoy the rights and privileges of the Association in all engineering matters

President —N V Modak, C I E B E , M Inst C E , M I E (India), F R San, I , M M E A (India) , *Vice President* —B N Karnik, Lieut , I N V R , I E E , L M E , M M E A (India) , *Hon Secretary* — K F Kapadia , *Hon Treasurer* —R L Sen, L M E , A M Inst B E (London), M.M E A (India)

MEMON MERCHANTS ASSOCIATION

Nawab Building, Chakla Street, Bombay 3

Nature of Body Commercial
President —Janmohamed Haji Dawood
Hony Secretary —M I K Bangalorewala
Secretary —Mohamed Iyoob

MILLOWNERS' ASSOCIATION, BOMBAY

Elphinstone Building, Vir Nariman Road, Bombay 1

The Association, was established in 1875 and its objects are —(*a*) To encourage friendly feeling and unanimity amongst Millowners and users of steam, water and/or electric power on all subjects connected with their common good (*b*) To secure good relations between members of the Association (*c*) To promote and protect the trade, commerce and manufactures of India in general and of the cotton trade in particular (*d*) To consider questions connected with the trade, commerce and manufactures of its members (*e*) To collect and circulate statistics and to collect, classify and circulate information relating to the trade, commerce and manufactures of its members (*f*) To take all steps which may be necessary for promoting, supporting or opposing legislative and other measures affecting the trade, commerce or manufactures of its members (*g*) To make representations to Local and Central authorities on any matter connected with the trade, commerce and manufactures of its members (*h*) To arbitrate in the settlement of disputes arising out of transactions in piece goods and yarn between parties willing or agreeing to submit to arbitration in accordance with the arbitration rules of the Association (*i*) To advance and promote commercial and technical education connected with the trade and commerce of its members (*j*) To undertake special enquiries and initiate or support any action for securing the redress of legitimate grievances connected with the trade or commerce of its members (*k*) To take any action which may be conducive to the extension of the trade and commerce of its members or incidental to the attainment of this object (*l*) To subscribe, to become a member of and co-operate with any other Association whether incorporated or not whose objects are altogether or in part similar to those of this Association and to procure from or communicate to any such Association such information as may be likely to forward the objects of this Association (*m*) To establish or aid in the establishment of funds to benefit employees of the Association or the dependents, of such persons and to subscribe, donate or guarantee money for charitable or benevolent purposes at the discretion of the Association (*n*) To regulate conditions of employment in the Industry conducted or carried on by its members (*o*) And generally to do all that may be necessary in the interests of the realisation of the above objects of the Association directly or indirectly

From the 1st July 1924, the Association started an Insurance Company under the name of "The Millowners' Mutual Insurance Association Ltd " for payments of claims made by workmen under "the Workmen's Compensation Act."

Committee —Sir Vithal N Chandavarkar Kt (*Chairman*) Neville N Wadia (*Deputy Chairman*) , F V Baddeley, D. M Khatau, K M D Thackersey, J C Burns, G D Somani Ramnath Podar, Radhakrishna Ramnarain Ruia, M L Tapuriah S P Jain, E D Sheppard, F Edwards P Bhoglal, A N Mafatlal, N H Tata, B L Bubna, F H Kemple, R L Coghlan and L. N Birla , N S V Aiyer (*Secretary*) and R G Gokhale (*Labour Officer*)

MILLOWNERS' MUTUAL INSURANCE ASSOCIATION, LTD

The Association was registered in 1924 as a Company limited by guarantee. The registered office of the Association is located in Elphinstone Building, Vir Nariman Road, Bombay 1

Objects —(*a*) the mutual insurance of members of the Company against liability to pay compensation or damages to workmen employed by them or their dependents for injuries or accidents, fatal or otherwise, arising out of and in the course of their employment , (*b*) the insurance of members of the Company against loss or damage by or incidental to fire, lightning, etc , and (*c*) to reinsure or in any way provide for or against the liability of the Company upon any assurances granted or entered into by the Company and generally to effect and obtain re-insurances, counter insurances and counter-guarantees, etc , etc

Directors —

D M Khatau (*Chairman*) , Sir Joseph Kay, K B E Krishnaraj M D Thackersey , J C Burns Radhkrishna S Khaitan , Neville N Wadia , T V Baddeley C B E and A N Mafatlal

A C M Cursetjee, M A L L B , *Secretary*

MOGAVEERA VYAVASTHAPAKA MANDALI, BOMBAY

Manek Mansion, 8, Nanabhai Lane, Bombay 1
Branch at —Hampankatta, Mangalore

Objects —1 Promoting the spread of education by day and night schools 2 Awarding scholarships to deserving students of the Mogaveera community 3 Establishing hostels, schools, reading rooms and libraries to foster a spirit of brotherhood and co operation, and 4 Holding commercial classes, conversational debating meetings and lectures

MOTION PICTURE SOCIETY OF INDIA

Sandhurst Building, Sandhurst Road, Bombay

Objects —The objects of the Society are promotion of the Film Industry in general by providing a meeting place for exchange of views of all interested , investigating problems peculiar to the industry with a view to helping it to make rapid progress , educating the general public in the utility of the film industry from social, industrial and educational points of view, etc

President —Chandulal J Shah , *Vice President* —M B Billimoria , *Hon Treasurer* —B D Bharucha *Secretary* —I K Menon

MOTOR MANUFACTURERS' & IMPORTERS' ASSOCIATION, LTD

Bank of Baroda Building, Apollo Street, Bombay 1

Objects —To encourage, promote and protect the interests of the motor trade and industry, and in particular the interests of manufacturers and importers of and dealers in motor vehicles wholesale and retail, and users of motor goods and others having commercial relationship with the motor industry

Chairman —C Bonnor United Motors (India) Ltd , Hughes Road, Bombay , *Vice Chairman* —Dr J M Rane, Dadajee Dhackjee & & Co Ltd , Sandhurst Bridge, Bombay

Secretaries and Treasurers —Ford, Rhodes, Parks & Co , Chartered Accountants

MUSLIM AMBULANCE SOCIETY

Muslim Ambulance Building, 152 154, Kambeker Street, near Zakeria Masjid, Bombay 3

Objects —(1) Organisation of ambulance corps, invalid transport Corps (2) General promotion of instructions and carrying out works for the relief of suffering of the sick and the injured in peace and in war independently of nationality or denomination (3) Establishment and maintenance of ambulance stations, hospitals etc (4) To do all such things as are incidental or conducive to the attainment of the above objects or any of them

MYSORE ASSOCIATION, BOMBAY

32, Bhau Daji Road, Matunga, Bombay 19

Patron —His Highness Sri Jayachamaraja Wadiayar, Bahadur, G C S I , Raj Pramukh of Mysore
President - B Narayanaswamy
Vice President —S K Swamy
Jt Hon Secretaries —T R S Anandam and N R N Iyengar

NAIGAUM SOCIAL SERVICE SOCIETY

16A, B D D Chawls, Naigaum Bombay 14

This institution has been working for the welfare of the women and children of the labouring classes residing in the neighbourhood It is a sort of culture centre as it tries through its various activities such as a nursery school women's classes, dispensary and play centre, etc to help them to become physically, mentally, as well as morally healthy and strong

President —Mrs Shuffi Tyabji , *Hon Secretary* —Mrs Nalini Dahanukar , *Hon Treasurer* —Miss H D Hunt , *Warden* —Miss V Gadre

NATIONAL ASSOCIATION FOR THE BLIND

Office C/o The Victoria Memorial School for the Blind Dadar Bombay 7

AIMS AND OBJECTS To work in the whole of India for the prevention and cure of blindness and for the blind and the welfare of the Blind, to bring about co operation among the various organizations of the Blind to co ordinate their activities to organise and start new organisations and institutions for various activities for the welfare of the blind and to do all such other things as may be necessary for the promotion of the interest of the Blind

Funds are derived from donations from the public and by organising entertainments etc

OFFICE BEARERS —*President* P M Alpaiwalla Barat Law *Vice Presidents* Col Sir Dinshedji N Duggan KBE CIE DO (Oxon) Sir Rustom P Masani Principal Amod Shah *Secretaries* — Capt H J M Desai V B Pandkar K N K Jussawala H G I Nardekar P N S Razdan *Treasurers* —B R B Vakil R S Lohkanawalla

NATIONAL EMPLOYERS MUTUAL GENERAL INSURANCE ASSOCIATION LTD

Kamani Chambers 32 Nicol Road Ballard Estate Bombay

Manager for India K I Pastakia

Branch Manager H K I Nariman

Chief Office for Northern India —I Pearylal Building Queens way New Delhi

Manager —M I Pastakia

NATIONAL INDIAN ASSOCIATION

(Ladies Branch)

The objects of the Association are the advancement of education of women in Bombay colleges by award of scholarships the promotion of friendly intercourse between different communities by social gatherings and lectures (barring religious and political subjects)

Office bearers —*President* —Shrimati Bajpai *Vice Presidents* —Lady Byramjee Jeejeebhoy and Lady Chandavarkar *Hon Secretaries* Mrs J R B Jeejeebhoy and Mrs Velinkar *Honorary Treasurer* Mrs David *Official Residence* — The Cliff, Ridge Road Bombay

NATIVE SHARE AND STOCK BROKERS' ASSOCIATION

The Stock Exchange

Sir Dinshaw Petit Brokers Exchange Hall Dalal Street, Bombay 1

President —K R P Shroff

Vice President Amratlal Kalidas

Honorary Treasurer —Fali Jehangir Guzdar

Secretary —P J Jeejeebhoy

Asst Secretary —A J Shah

NORTH KANARA GOUD SARASWAT BRAHMAN SANGH

Laxmisadan, 361, V J Patel Road Bombay 4

Aims and Objects —To foster brotherhood and co operation among members of the community, to promote unity and solidarity among them and to encourage physical intellectual and social well being provided always that the Sangh shall not carry on any political propaganda

OIL MERCHANTS' CHAMBER

281 83, Narsi Natha Street, Bombay 9

Object To do everything for the benefit and advancement of oil trade industry in Bombay State and elsewhere in India

The chamber has standard rules and regulations and practically the whole of vegetable oil trade in Bombay is being done under the contracts of this Chamber The Chamber has its own arbitration machinery for settlement of trade disputes Besides its normal activities the Chamber maintains a Laboratory under its auspices for analysis of various oils and has arrangements for analysis of oilseeds and oilcakes as well

For the collection and dissemination of information and statistical data pertaining to oil and oilseeds as well as for the advancement of this trade and industry the Chamber has been publishing an exclusive Journal devoted to oils and oilseeds *Oils and Oilseeds Journal* This is of course a pioneering endeavour on the part of this Chamber in the country

The Chamber had taken a notable lead in convening an All India Conference of Associations of Oil Industry & Trade in July 1950 The Conference culminated in the formation of the Central Organisation for Oil Industry & Trade

An analytical *laboratory* for analysis of samples of oils oilseeds and oilcakes *symposium on oils and fats* held under its auspices during February 1953 are some of the notable services rendered by this Chamber to oil industry & trade The Chamber issues certificates of sampling and analysis certificate of weighment, certificate of origin of goods etc for the convenience of export trade as well as local trade at very nominal cost

OFFICE BEARERS —*President* Ratilal Mulji Gandhi M I C, J P *Vice President* Vallabhadas V Mariwala J P *Hon Secretary* Tulsidas M Vishram *Secretary* Ramanlal C Sheth B A

PAPER TRADERS' ASSOCIATION

54 Sutar Chawl Bombay 2

Objects —To create maintain and encourage friendly feeling and secure co operation among the members on all subjects connected with the paper trade to provide them with a common meeting ground and to protect the interests of this trade and the persons engaged in it

President B M Choksi *Vice President* —B K Doshi *Hon Secretaries* —Ambalal P Shah I V Seshan *Hon Treasurer* — Mohanlal S Dharia

PARSI CENTRAL ASSOCIATION CO OPERATIVE HOUSING SOCIETY, LTD

Bombay Mutual Annexe Gunbow Street Bombay 1

Chairman Manchorji Edulji Joshi I C I M I E (India)

Hon Secretary —J J Engineer B A, B E, A M I E (India)

Hon Treasurers —B I Kumana B Com B A A S A A (Lond), Incorporated Accountant H D Katrak I Com H B C D A

PARSI CENTRAL ASSOCIATION & POLITICAL LEAGUE

107, Mumtaz Gandhi Road Bombay 1

Aims and Objects —(*a*) To protect and safeguard the political, economic and other interests and rights of the Parsi Community and for that purpose to take such steps as may be necessary and expedient (*b*) To secure equitable political rights for the Parsi community in the present and future Constitutions that may be under contemplation with a view to seeing that the community is given a share in the administration of the affairs of the country, considering its position as an enlightened community with wide economic, commercial and industrial interests (*c*) To use all constitutional ways and means for achieving the aforesaid objects

President —Sir Cowasji Jehangir Kt, K C I E G B E

Hon Secretaries —S N Guzder and Naushir Bharucha

PARSI FEDERAL COUNCIL

Jehangir Mansion, 1st Murzban Street, Post G P O Bombay

President —Dr M C Bilpodiwala *Vice Presidents* —B K Mistry, Dr K K Dadachanji J C Tarapore *Hon Secretaries* — A B Homavazir N H Billimoria, Dr H R Bana *Hon Treasurer* —Khan Saheb C P Madon

PASSENGERS' AND TRAFFIC RELIEF ASSOCIATION

Anand Bhavan, Hornby Road, Fort, Bombay 1

Objects —(*a*) To endeavour to redress grievances of the travelling public using railways, steamers, local transport or air (*b*) To deal with transport problems in general (*c*) To make representations to Government, Local Bodies and all transport undertakings for redress of complaints amenities and betterment of conditions and difficulties in carriage of goods (*d*) To educate the public using transport with regard to their rights and remedies and also their responsibilities (*e*) To take all necessary steps in the furtherance of these objects

President —A B Pandya *Vice President* —G D Modi

Hon Joint Secretaries —Homi J H Talyarkhan, F R Mistry

PATHARE KSHATRIYA CO OPERATIVE HOUSING SOCIETY, LTD

Office —C/o K U Club, Vanmali Hall, Dadar, Bombay

Sub Office —C/o P K V Samaj, Gamdevi, Bombay

Objects —To buy, sell, hire and develop land in accordance with co operative principles and carry on social, recreative and educational work relating to its tenants

Chairman —M D Raote, F A C C A, *Hon Secretary* —Pyarelal Shamrao Paralkar, B Sc, L L B, Advocate, *Hon Treasurer* —Nilkanth Balwant Dandekar

PATHARE PRABHU CO OPERATIVE HOUSING SOCIETY, LTD

Ram Bhuvan 6th Road, Khar, Bombay 21

Objects —To buy, sell hire and develop land in accordance with co operative principles and perform social recreative and educational work relating to its tenants and make purchases of domestic requirements of its members

President —Rao Saheb Ramrao Dhakjee Rane B A, LL B, Advocate

Chairman —Ramrao M Rane B A

Hon Joint Secretaries —Sunderrao V Rane and Vamanrao Y Vijayakar B A

PATHARE PRABHU SOCIAL SAMAJ

P P Dnyati Bhuvan No 2, Room No 12 Thakurdwar Bombay 2

Objects —(1) To promote the cause of union among the members of the community by holding gatherings organising soirees etc (2) to improve the literary and rhetorical knowledge of its members by delivering lectures reading essays holding discussions and (3) to otherwise strive to promote the welfare and prosperity of the community

PEPPER & GINGER MERCHANTS' ASSOCIATION LIMITED

28 87, Narsi Natha Street Bombay 9

Nature of Body – Trade

President Vallabhdas V Marwda *Vice President* Javerchand Padamshi *Hon Secretary* Anandji B Nagda

PERFUMERY RAW MATERIALS TRADE ASSOCIATION

143 Princess Street Sai Bhuvan Bombay 2

The objects of the Association are —to promote co operation and friendly feelings amongst the persons firms and companies engaged in or connected with the perfumery raw materials trade in Greater Bombay, whether as stockists importers exporters agents, or wholesale and retail merchants with a view to their adopting a common policy and collectively taking such steps as may be deemed necessary or expedient to further and safeguard the interests of the trade to promote and safeguard the interests of the trade in all its branches and by all possible means to represent officially the views of the Association on any matters affecting or likely to affect the trade to the Government of India, Local Government or any other local body or bodies to promote support or oppose legislative or other measures affecting the trade, and to form regulate and control, in the interests of the members of the Association, business policy, principles and etiquette

OFFICE BEARERS *President* – V R Vaidyalkar *Vice President* —Dr V M Bhave *Treasurer* Vinayak G Vaze *Honorary Secretaries* – Purshottam C Patel and Kanjilal N Shah

PHARMACEUTICAL AND ALLIED MANUFACTURERS' AND DISTRIBUTORS' ASSOCIATION, LTD

Imperial Chemical House, Ballard Estate, Bombay 1

G P O Post Box No 214, Bombay

The objects for which the Association is established are To promote co-operation between and to protect the interests of persons, firms or companies owning, manufacturing, distributing or acting as accredited agents or representatives for the distribution of chemicals, drugs, pharmaceuticals, medical preparations, toilet and allied products, surgical, dental and veterinary instruments and appliances in India, and to co-operate with similar associations or bodies

To promote fair competition and methods of sale or distribution and to discourage unethical practices and propaganda or misleading and inaccurate claims and advertisements

OFFICERS— F W Griffin, M B E B Sc Ph C, *President*, R Lumley M P S, *Vice President*, R E B Rollo, M P S, *Hon Secretary*, D L Amore *Hon Treasurer*

PHILATELIC SOCIETY OF INDIA

Formed on 6th March 1897 Annual Subscription Rs 12 *Hon Secretary* —E Franklin DeSouza, 80-C, Khotachiwadi, Bombay 4

PHOTOGRAPHIC SOCIETY OF INDIA

Saheb Building, 195, Hornby Road, Bombay 1

Affiliated to the Royal Photographic Society of Great Britain and Photographic Society of America

The largest photographic Society in the East

The objects of the Society are to promote and encourage photographic art in India, to provide studio and dark room facilities to publish its photo magazine to hold Exhibitions and Lectures etc

Annual Subscription Rs 24 for Local Members, Rs 12 for Mofussil Members Entrance Fee Rs

Lectures and demonstrations every Friday at 6 30 p m

PRESS ASSOCIATION OF INDIA

196B, Garwadi, Girgaum, Bombay 4

Started in 1915 to ventilate grievances of the newspapers and presses of India and to promote their interests in general

Hon Secretary —M C Modi

PROGRESSIVE ARTS CIRCLE

Clifton Studios Standard Building, Hornby Road Bombay 1

Chairman – A A Makani J P

PROGRESSIVE GROUP

Shell House Cunbow Street Fort

President Miss Sylla Spencer

Vice President Jal J Kapadia

Hon Secretaries Mrs Sheri Noshir Vajifdar Dhirubhai Kapadia *Hon Treasurer* Laxmidas Kapadia

PROPERTY OWNERS' ASSOCIATION

Raja Bahadur Bansilal Mansion 11, Bruce Street, Bombay 1

Objects —To protect the interests of the property owners of the Bombay State and to safeguard their rights by all constitutional means To organise and hold meetings publish and distribute information and propaganda calculated to advance the true interests of the property owners and generally to give all possible services to members regarding their properties

Membership —Open to any person having attained the age of majority and owning any property or land in the Bombay State either in his or her individual right or as trustee or guardian or custodian or receiver of the property of a minor Person includes firms, companies, associations entitled through their representatives to one vote

President —I S Dabholkar J P *Vice Presidents* – S E Kurwa, M B E, Bar at Law, S M Dahanukar B E A M I E S M (U S A) M I C, *Jt Hon Secretaries* R C Rele B A, LL B Solicitor, P R Sunkersett, B A, Bar at Law, *Hon Treasurer* —S B Goregaoker

PROVINCIAL INDUSTRIAL CO OPERATIVE ASSOCIATION LTD

9, Bake House Lane Post Box 1115 Bombay 1

This is an apex body for producers co operative societies in Bombay State

Chairman —D M Khatau *Secretary* – D N Tandon

PURE DRINKS STAFF UNION

Mogal House DeLisle Road Bombay 11

President —S Partap Singh J P

Vice Presidents K N Batra M M Mehta

General Secretary – Hardip Singh

Secretary —S P Singh

Treasurer —S Kedar

Hon Member and Labour Adviser —K S Gupta

RAJPUTANA SHIKSHA MANDAL

227 Kalbadevi Road, Bombay 2

***Objects* —To spread education, knowledge and science in all its branches amongst the people of Rajasthan, to start, establish, maintain, aid, take over, guide, supervise, manage and administer schools, colleges, pathashalas, institutions, literary societies and other educational institutions, to grant, arrange or award scholarships, stipends, etc, to deserving students**

At present there are 26 schools in various parts of Rajasthan under this Mandal

RATHESTAR MANDAL

A Parsi association founded in Bombay for the physical, mental, moral, social and religious upliftment of the Parsi community

Hon Secretary & Treasurer—Jehanbax Bomanshaw Vatchha, Tatti Building, South Frere Bridge, Grant Road, Bombay 7

RESERVE BANK OF INDIA EMPLOYEES' ASSOCIATION

Reserve Bank of India Bombay

President—Seth G G Morarji *Vice President*—S N Elavia, *Hon Secretary*—K M Menon, *Hon Asstt Secretaries*—C R Sen Gupta, P R Palekar *Hon Accountant*—A R Subramanyam, *Hon Treasurer*—M Nazareth *Hon Auditor*—T Limathwala

ROHIDAS (HARIJAN) EDUCATION SOCIETY

112 Medows Street Bombay 1

Established in 1939 to promote education, provide work, and remedy the social disabilities of the Chambhar (Harijan) classes

President—N S Kajrolkar, M P *Secretary*—S N Shiwtarkar

SAFETY FIRST ASSOCIATION OF INDIA

Indian Globe Building Fort Street Bombay 1

The aims include the promotion of safety teaching and safety measures and the prevention of accidents on roads, in factories, mines, workshops, schools and homes, and the encouragement of co-operation between different sections of road users and between employers and employed

The maintenance of a continuous educational safety propaganda through the press, platform, the wireless and the Association's monthly magazine Efficiency News" and through publications such as Industrial Efficiency Communiques, Games Lessons, Indian Highway Codes, leaflets and posters, exhibitions and film shows

President—The Hon ble Sh Rahimtoola Chinoy Kt, *Hon General Secretary*—P J D'Souza, *Chairman Bombay Prov Branch*—A A Jasdenvala, *Hon Secretary*—D S Venkatraman F C C S

SAMYUKTA KARNATAK SANGHA

Navsari Building, Hornby Road, Bombay 1

A federation of Karnatak institutions in Bombay formed to co-ordinate their activities and to present a common platform for all important cultural events and undertakings pertaining to Karnatak The present number of associations affiliated to this Sangha is nineteen representing nearly twenty five thousand members

Ex Presidents—Rajakary aprasakta K Ramaswami Justice R A Jahagirdar and Justice N S Lokur V V S Murty and R V Murthy

Office Bearers—*President*—K N Gaitonde *Vice President*—B S C Swamy *Treasurer*—J N Iyer, *Hon Gen Secretary*—Varadaraj A Adva *Joint Hon Secretaries*—H M K Murty and C M Desai *Auditor*—R K Kranth

SANTA CRUZ MALAYALEE SAMAJAM

Air View Building Pandit Jawaharlal Nehru Road, Santa Cruz, Bombay 25

Aims and Objects—To promote unity amongst the Malayalees in Bombay, to improve their physical and intellectual status, to open libraries and free reading rooms to encourage arts and crafts, to conduct Hindi and Malayalam classes, to run Ayurvedic dispensaries to promote the social, economic and cultural welfare of the community by such other means in co-operation with other organisations of similar nature Membership open to all Malayalees

President—K R Menon, *Vice President*—V R Motilal, *General Secretary*—K V Menon

SCREEN PRINTERS' ASSOCIATION

Kalbadevi, Bombay 2

Formed in 1943 to meet the growing needs of the rapidly developing Hand Industry of "Screen-Printing"—an artistic and scientific process of printing on Textiles

Aims and Objects—To safeguard interests of the industry—to find out ways and means to ensure its full development and efficient and uniform working—to strive for removal of all difficulties, viz foreign competition, etc standing in the way of its perfect growth—to collect information and statistics in respect of the industry for circulation amongst members—to adopt ways and means to facilitate dealings between members *inter se*, members and non members, etc, in respect of this industry

SERVANTS OF INDIA SOCIETY

Bombay Branch

Sardar V Patel Road, Girgaum, Bombay

The Society was founded in 1905 by G K Gokhale with the object of training national missionaries for the service of India and promoting the true interests of the Indian people by all constitutional means The Bombay branch takes special interest in social and educational work and the labour movement

Bombay Branch Members—Dinkar D Desai, *Senior Member*, K I Chitalia, *Member* K L N Rao, *Member and Secretary*

SEVA SADAN

The Society was started on the 11th of July 1908, by the late B M Malabari and Dayaram Gidumal It is the pioneer Indian ladies' society for training Indian sisters and serving the poor, the sick and the distressed To spread its gospel far and wide, the first branch was opened at Poona as early as 1909 The Society has its headquarters in Gamdevi, Bombay, and maintains the following departments of work (1) Home for the homeless, (2) *Ashramas* (Training homes) (3) a Marathi Training College with a Primary School, (4) Home education classes, (5) Industrial department including a workroom, sewing cutting, hosiery, cooking and pastry and machine and hand embroidery are among the chief industries taught The total number of women in the different classes is over 900

Hon Secretary Miss B A Engineer, M A, L L B, M B E, J P

SEWREE IRON & STEEL COMPANY EMPLOYEES' UNION

Mogul House Delisle Road, Bombay 11

President—S Partap Singh I P
Vice Presidents—Atma Singh I A Narayan
General Secretary—Balwant Singh
Secretary Champaklal R Oza
Treasurer Stanlay D Rozario
Hon Member and Labour Adviser—K S Gupta

SHREE KANDOLIA YUVAK MANDAL

Bhulkshwar, Anantwadi, Madanji Mohanji House, Bombay 2

The object of the Mandal is to promote union in the community, initiate social reforms, to run a journal devoted to the interests of the community, etc

SILK & ART SILK MILLS' ASSOCIATION LTD

Podar Chambers, 109, Parsi Bazar Street, Bombay 1

Objects—To encourage friendly feeling and unanimity amongst manufacturers of Silk and Art Silk products in India to promote the interests of manufacturers of Silk and Artificial Silk products in India generally, to collect and circulate statistics and also to collect, classify and circulate information to make representations to Local and Central Governments on any matter connected with the trade, commerce and manufactures of its members, to arbitrate in the settlement of disputes arising out of transactions in silk and artificial silk piece goods and yarn to undertake special inquiries and initiate or support any action for securing the redress of legitimate grievances connected with the trade or commerce of its members, to regulate the conditions of employment in Silk and Art Silk Industry conducted or carried on by its members, etc

Chairman—D N Shroff
Vice Chairman—M J Vaidya
Secretary—H A Bharucha

SILK MERCHANTS' ASSOCIATION

Dahanukar Building, Kalbadevi Road, Bombay 2

Has contributed to a very great extent to the establishment, expansion and stabilisation of Silk and Art Silk trade in India

Aims To make efforts to expand import and export trade, to protect the interests of the members and help them in their difficulties in connection with the trade To contact the Government and other authorities concerned for securing legitimate protection against foreign competition for the trade To encourage and take advantage of any research which may be in the interests of the trade To collect information and statistics regarding this trade for circulation amongst members, etc To make rules and regulations so as to secure smooth dealings between members *inter se* To arbitrate in the disputes arising from the transactions amongst members *inter se* and between members and non-members

Office-Bearers

President—P M Chinai
Vice President—T Murli
Hon Secretary—Purshotamdas H Sabrani
Hon Jt Secretary—Manilal Bapulal.

SOCIAL SERVICE LEAGUE

Servants of India Society s Building,
Sandhurst Road, Girgaon, Bombay 4

Aims and Objects —Collection and study of social facts Promotion of the physical, moral and economic welfare of the people Training of social workers. Cosmopolitan *Activities* —Two night schools, the Marathi Night School at Chinchpokli and New Nagpada Urdu Night School at Nagpada A free library and reading room at Chinchpokli and at Madanpura A Textile Technical School at Parel Industrial schools for women in 6 different centres in the city Three dispensaries, namely, Bachoobai Kanji Karsandas Charitable Allopathic Dispensary at Parel, Nazar Ayurvedic Charitable Dispensary at Parel and Dubash Homoeopathic Charitable Dispensary at Madanpura A gymnasium for working men at Parel, The Parel Night High School at Parel A Co operative Credit Society for members *Magazine* —A Quarterly Magazine called the *Social Service Quarterly*

SOCIAL WORKERS' SOCIETY

207, Bazar Gate Street, Bombay 1

Aims and Objects —The pursuit of social service generally, and especially with a view to ameliorating the physical, moral and mental condition of the people, irrespective of caste or creed

President —Miss K Khandwalla, M A , *Vice Presidents* —C G Vakil, Miss P N Nariman *Hon Secretaries* —M A Moses, G P Rawal , *Hon Treasurer* —R B Patel

SOCIETY FOR THE CARE, TREATMENT AND TRAINING OF CHILDREN IN NEED OF SPECIAL CARE

Ravi Lodge Warden Road Bombay

President — N J Wadia *Vice President* Sir Janardan Madan, Kt , C S I , C I E , *Hon Secretary* —Mrs Jai H Vakeel, *Hon Treasurers* —N J Wadia, Mrs Jai H Vakeel

SOCIETY FOR THE PROTECTION OF CHILDREN IN WESTERN INDIA

(Byramjee Jeejeebhoy Home for Children)
King s Circle Shraddhanand Road, Matunga, Bombay 19

The objects of the Society are To rescue children of all castes and creeds from the streets of Bombay to prevent begging or other improper use of poor children by adults, to pass such children on to existing charitable institutions and to provide for those otherwise unprovided for, with the support and assistance of the police to prevent children so far as possible from appearing in Police Courts, to prevent the public and private wrongs of children and the corruption of their morals to take action for the enforcement of the laws for the children and if necessary to suggest new laws or amendments to the existing laws, to promote education, to provide and maintain an organization for those objects, to do all other lawful things, incidental or conducive to the attainments of the foregoing objects

Several experiments are being carried out successfully in self expression and self government by children of the B J Home

SOCIETY OF THE HONORARY PRESIDENCY MAGISTRATES OF BOMBAY

Esplanade Police Court Building, Bombay

The objects of the Society are (*a*) to afford facilities to members of the Society for meeting and discussing matters connected with the functions, duties, rights, privileges and interests of the Honorary Presidency Magistrates

Office-bearers President —Khusru S Sethna, J P *Vice President.*— P M Chinai, J P , *Jt Hon Secretaries* —N C Pupala, J P , Adam M Bharucha, J P , *Hon Treasurer* —Hansraj Rattansey, J P

SOCIETY OF INDIAN MAGICIANS

211-219, Frere Road, Bombay 1

The Society was founded in 1931 to foster and promote the interest of magic amongst the professionals and amateurs throughout India , to bring together all magic-minded persons of either sex and put them into proper touch with the art of magic in all its branches , to promote social contact amongst members and to provide a common meeting place for them , to obtain recognition of magic as an art and its entertaining value in the eyes of the public ; to provide and maintain a library for the benefit of members, and to arrange performances in order to enable members to show their talents

SOCIETY OF RETIRED PARSI OFFICERS

Noble Chambers, Parsi Bazar Street, Bombay 1

The aims and objects of this Society are (1) to raise a corps of voluntary workers willing to render communal service and to help the cause of the poor and unemployed in their distress, (2) to initiate and promote educational, industrial and other activities for the welfare and advancement of the Parsi community, and (3) to assist the other Parsi organisations and associations for similar objects either by advice, co-operation or co ordination

The Society had framed a scheme, in co operation with different associations of all communities, to enlighten the public as to the movements of the Second World War by giving lectures in different localities of Bombay and Suburbs in different languages from time to time The "Nucleus" that has been formed is non political and non communal

SOUTH INDIAN ASSOCIATION, BOMBAY

Matunga (C Rly) Bombay 19

The objects of the Association are to promote the welfare of South Indians in Bombay or its suburbs without distinction of caste or creed

SOUTH INDIAN CO OPERATIVE CONSUMERS' SOCIETY, LTD

'Co operative House , Telang Road, Matunga Bombay 19

President —S Nagasundaram *Chairman* —C N Narayanan , *Hon Secretary* — K S Krishnan

Board of Directors —V G Pisharodi, Satish Bharadwaja, K S Ram Narayan, R Vaidyanathan

Committee Control —N Vaidyanathan, T R Krishnan, V Srinivasan, K V Raman V Krishnaswamy

Branch No 1 Sri Krishna Nivas, Matunga (W R), C S Subramanian (*Chairman*)

Branch No 2 Motashaw Building Khar (W R), K V Vaidyanathan (*Chairman*)

Branch No 3 Bharat Kunj, Vile Parle (East) (W R) M R Rangaswami (*Chairman*)

TAHERI SCHOLARSHIP SOCIETY

Mohamedi Baug, 21, Sarang Street, Bombay 3

The Society is being run by contributions from His Holiness and members of the Dawoodi Bohra community The aims and objects of the Society are to award scholarships to Dawoodi Bohra students of both sexes taking education in schools and colleges to hold elocution competition every year among Dawoodi Bohra college and school students with a view to developing their power of speech to conduct essay competition every year among Dawoodi Bohra students of both sexes , and to encourage Dawoodi Bohra students making research in any branch of knowledge

Hon Secretaries —A A Patharia B A , Y A K Faizullabhai

TELUGU SEVA SANGH

Vithal Sayana Bldg , Lohar Street, Bombay 2

The Sangh was established in 1939 with the object of working for the promotion of literacy and amelioration of the social and economic conditions of the Telugu people living in the State of Bombay *Foundation Members* —S L Silam, N C Narsimha Acharya and B Hanumant Rau

TEXTILE ASSOCIATION (INDIA)

Ganesh Bhuvan, Suparibaug Road, Parel, Bombay 12

The Association is a central body of supervisory staff in textile mills all over India

Membership of the Association stands at about 1,500 covering members from all parts of India The usual activities of the Association are (1) publication of a quarterly journal the *Textile Ingest* , (2) Holding of monthly socials and public lectures for discussions on technical subjects , (3) Conducting a library and reading room , (4) Conducting an employment bureau for helping to find suitable Posts for technicians , (5) Arranging visits to mills and factories , (6) Organising All India textile conferences, annually

The Association also awards the Associateship—A T A —and fellowship—F T A —of the Textile Association (India) to qualifying technicians

THE TIMES OF INDIA CO OPERATIVE STORES LIMITED

Times Building Hornby Road Bombay 1

Objects —To conduct a general stores to sell to its members and other consumers all articles of consumption

To conduct or manage medical and various other amelioratıve measures for the general well being of the members

Iresident J C McNab
Chairman J C Pinto
Jt Hon Secretary { P P Shukla / Michael Vaz
Committee Members C P Shaw P N Shetty K V Pathak D K Madye M I Kavina N K Dighe
Control Committee B V Chitnis V R Chandran Abdul Husein Zainuddin

THE TIMES OF INDIA EMPLOYEES' CO OPERATIVE CREDIT SOCIETY, LIMITED

This Society was established in 1936 for the benefit of the employees of and under the patronage of Messrs Bennett, Coleman & Co Ltd, Proprietors of *The Times of India* and other allied publications

The objects of the Society are —

(*a*) To encourage thrift and co operation among the staff, (*b*) to enable its members to obtain loans on reasonable terms and (*c*) to prevent indebtedness among members by lending money from funds at interest to the members of the Society and to other Co operative Societies approved by the Registrar

Iresident R M Bidlar
Vice Iresident K V K Iertao
Hon Secretary M P Deshpande M com
Hon Treasurer C I Desai B com
Committee Member J C Pinto Jacob Lopes S S Rose B S Palkar J C Mcnab M F Brown I K Banaji I Correa N N Shinde

THEOSOPHY COMPANY (INDIA), LIMITED

1 Mahatma Gandhi Road Bombay 1

The objects for which the Company is established are —

To promote, inculcate and propagate the doctrines of Theosophy and to do all things conducive to the advancement of Theosophy, *e g* to hold meetings and classes, to print publish edit and circulate books and magazines and to accept any funds for the purposes of the Company and to hold and apply the same according to the character thereof for the purposes of the Company

Hon Secretary N A Subramaniam

UNITED KINGDOM CITIZENS' ASSOCIATION (BOMBAY BRANCH)

32, Nicol Road, Ballard Estate Bombay 1

Objects —To promote the interests of U K citizens in India and to foster social intercourse between them and citizens of India

Chairman I Parker *Hon Secretary* D J Marsh

VIDYADAINI SABHA

31 Raghunath Dadaji Street Bombay 1

The Sabha was started in 1920 with the object of ameliorating the conditions of the Pithva community educationally and socially It conducts a free reading room and library and maintains a Seva Dal It awards scholarships to the poor deserving students

President K K Suvarna *Vice President* — S Malinda *Secretary* — R A Kotian *Asst Secretary* S M Sanil *Treasurer* — D V Karkera S Anchan *Librarian* N I Bangera
Captain Seva Dal P I Kunder

VIKAS MANDAL

Mohan Building next to Majestic Cinema, Girgaum Road, Bombay 4

Aims and Objects —To improve the physical intellectual social and material status of the members of the society in general and those of the Mandal in particular and to inculcate in them spirit of co operation, comradery and sacrifice

WATOOL-GRAM SEVASANGH SAHAKARI PATPEDHI, LIMITED

C o B I Chivan Sonvala Bldg No 1 D Block Tardeo Bombay

The objects of the Patpedhi are —(1) to encourage thrift and co-operation among the villagers (2) To enable members to obtain loans on reasonable terms (3) To enable members to save part of their income in a safe and convenient way and (4) To prevent indebtedness among members, etc

WESTERN INDIA AUTOMOBILE ASSOCIATION

Lalji Naranji Memorial Building, Churchgate Reclamation, Bombay 1

BRANCH OFFICES —Ahmedabad Lal Darwaja Coronation Bldg, 7 Moledina Road Poona 1

The objects of the Association include The encouragement and development of motoring, improvement of road communications, free legal advice and defence facilities for touring etc

Patron in Chief Dr Rajendra Prasad President of India
President D N Khurdke B A LL
Vice Iresident S N C Patuck P P Kapadia F R I B A B A, B E LL

Secretary —Jehangir J K Patell B A A C A R A I C R A F I C S
Asstt Secretary — K C Subramanian

WESTERN INDIA FOOTBALL ASSOCIATION

Cooperage Football Ground Bombay

The objects of the Association are to promote and administer foot ball and other games and to assist in the development of athletics in all its branches

Patron Shri C S Rajpal Governor of Bombay *Iresident* Khan Bahadur R I Munshi *Vice Presidents* — C Maitra Gaman M Mehta *Hon Secretary* K Zruddin LL *Hon Treasurer* Rafi N Chinoy

WESTERN INDIA NATIONAL LIBERAL ASSOCIATION

107 Esplanade Road Bombay 1

The object is to foster a spirit of broad minded liberalism based on principles of liberty equality and fraternity, among the different classes and communities of the people

President —Sir Cowasji Jehangir, Bart, G B E *Vice Presidents* — Sir Vithal Chandavarkar and D G Dalvi *Hon Secretaries* —Messrs J R B Jeejeebhoy and A D Shroff *Assistant Secretary* —V R Bhende

YARN MERCHANTS' ASSOCIATION, LTD

111, Chawla Bldg Lumbakanta, Bombay 3

Objects —To promote and protect the interests of manufacturers distributors and merchants carrying on business of yarn in Bombay and elsewhere in India to regulate their methods of business, to establish just and equitable principles in the trade and maintain uniformity in the rules regulations and usages of the trade to provide forms of contracts fix market rates for fixed delivery contracts, arbitrate between members to acquire preserve and disseminate useful information connected with the trade, fix or adopt standards of classification of yarn and in general, to control, promote and regulate the yarn trade

The Association was appointed in 1945 as the nominee of the Government of Bombay for the distribution of yarn, in Bombay State

OFFICE BEARERS —*President* —M R Bhamcha *Vice President* — Nanjkchand Devidas Khanna *Treasurer* Ratilal Kuberdas Patel *Secretary* —D M Barodia B A LL B

YOUNG MEN'S HINDU ASSOCIATION

Vithalbhai Patel Road, Bombay 4

This Association was founded in 1910 and endeavours for the social, moral educational and cultural advancement of the Hindus The membership is open to all Hindus which include Jains, Buddhists, Lingayats, Brahmos, Gurkhas and Arya Samajists, Aboriginal Classes, Harijans etc

OFFICE BEARERS —*President* —Mangaldas M Pakvasa *Vice-Presidents* K H Kabbur and Parmanand Sugnomal *Chairman* — S I Sitam, *Jt Hon Secretaries* Manubhai K Bhimani Aniruddha G Rele and K M Amrute *Jt Hon Treasurers* —Dinubhai L Bhatt, G D A, B A and C I Mahimkar

ZOROASTRIAN ASSOCIATION

16 Elphinstone Circle, Bombay 1

Formed to safeguard and improve interests of Zoroastrian community in matters social educational and economic Its principal activities are giving scholarships to students conducting shorthand and typewriting classes and female work classes, advancing loans for petty business running cheap price stores and to take measures conducive to community s well being

President —Sir Cowasjee Jehangir Kt , K C I E , G B E C S I
Hon Secretary —Lt Col Rustom M Khareghat I M S (Retd), J I

ZOROASTRIAN ASSOCIATION CO OPERATED STORES

16 Elphinstone Circle, Bombay 1

Sales Depots —(1) 2B, Dr Jehangir Daji Street Chikalwadi Tardeo Bombay 7 (2) Sethna s Chawl 558, Chira Bazar Dhobi Talao Bombay 2

It is a semi charitable institution conducted by the Zoroastrian Association of Bombay It is worked on Sundays only from 9 a m to 12 noon by volunteers

ZOROASTRIAN BROTHERHOOD

C/o Jehanbax Bomanshaw Vatcha Tafti Building South End Bridge, Grant Road Bombay 7

The objects are (*a*) to strengthen the ties of friendship and unity and promote affection and brotherly feeling (*b*) to perform Jashan on the third day (Roj Ardibehesht) of every Parsi month (*c*) to hold gatherings for public lectures as are purely religious and tending to promote faith in the Zoroastrian religion (*d*) to invite and publish pamphlets, books, essays, etc , (*e*) to discuss in a friendly spirit Zoroastrian religious and social questions, and to carry on such other propaganda as would promote the welfare of the community and (*f*) to encourage Zoroastrian authors and publishers of books that are in consonance with the objects of the Brotherhood

President—Dr Dadiba N Saher, L M & S , J P *Hon Secretary* —Jehanbax Bomanshaw Vatcha , *Hon Treasurer* —Jehangirsp B Chinoy

ZOROASTRIAN PHYSICAL CULTURE AND HEALTH LEAGUE

Central Bank Building (Dean Lane Entrance) Bombay 1

1 *Objects* —To conserve the racial vitality and characteristics of the Zoroastrian community, to promote on scientific lines its physical welfare, development and efficiency and its culture and character , and to prevent illness, disease, and premature mortality

2 To disseminate knowledge relating to the maintenance of health the prevention of disease, and the theory, principles and practice of scientific physical education and culture of open air sports and games and of military training suited to different ages

CLUBS IN BOMBAY

AGA KHAN GYMKHANA & INDUSTRIAL HOME

Adenwala Mansion, Chowpatty Sea Face

The Club was established on 1st February 1939 under the patronage of His Highness the Aga Khan

The aims and objects of the Gymkhana are to provide a central place for the Ismaili Khojas to meet during leisure hours to take part in indoor and outdoor games and to increase unity and feelings of cordiality amongst the various classes of the Ismaili Community It runs an Industrial Home for poor Ismailis with a view to providing them training in Cottage Industries, securing employment or helping them to set up in independent business

BANDRA GYMKHANA

Perry Road, Bandra

SPORTS —Tennis, Badminton, Cricket, Billiards, Table Tennis

Members (*a*) Ordinary Entrance Rs 10, Deposit Rs 10, Monthly Rs 2 (*b*) Associate Entrance Rs 20, Deposit Rs 20, Monthly Rs 3

GAMES FEES —Tennis Rs 60 per year for Gents, Rs 40 per year for Ladies Badminton Rs 6 per year

MONTHLY WHIST DRIVE AND DANCE First Sunday of each month from 6 p m to 10 30 p m

Trustees —Leo Rodrigues, Dr Cecil J D'Monte, J S Pereira

President —Leo Rodrigues

Honorary General Secretary —J S Pereira

BOMBAY CLUB

Junction of Marine Drive and B Road

President - Sir Joseph Kay KBE *Vice President* -A P Darlow, *Trustees* —H C MacColl J R C Taylor *Committee* - A E Blair L D Sheppard, A Kirkwood Brown, John Bryson H J Miller, John Symon *Hon Secretary* - H I Coultas

BOMBAY FLYING CLUB, LTD

Juhu Aerodrome, Santa Cruz, Bombay

President —R I M Patel *Vice President* —J N Guzder, *Hon Secretary* —M F Mavji, *Hon Treasurer* K S Sethna *Representatives of Government* Santok Singh Capt M J B Mancckji, Godse *Members of the Committee* —F Mascarenhas, P M D Thackersey P D Sidhwa, P C Chandriani R S Cambata, N K Limji *Asstt Secretary* H C Italia *Ag Chief Pilot Instructor* —R H Captain *Pilot Instructors* - C W Sequeira M M Hall *Chief Ground Engineer* —G B Bhide, *Asstt Ground Engineers* —A L Fernandes, S B Dravid, J B Doctor

BOMBAY GYMKHANA, LTD

Esplanade Road

President —M J Dicklns

This Club was established on the 19th of June 1875 Sports — Cricket, Football, Golf, Rowing, Lawn Tennis, Badminton, Hockey, Swimming, and Squash Rackets Entrance fee Rs 150 Monthly Subscription Rs 15 Non residents on being duly proposed and seconded, can become temporary members

Hon Secretary and Treasurer —L R Bury

BOMBAY MUNICIPAL SPORTS CLUB

Next to Municipal Head Offices Cruickshank Road, Bombay 1

MAIN ACTIVITIES —The Club gives all the amenities of indoor as well as out door games to its members

President —P R Nayak I C S Municipal Commissioner

Vice Presidents - N V Modak Special Engineer Bombay Municipal Corporation J K Daruvala, Dy Municipal Commissioner

Chairman, Managing Committee —T V Doraiswamy, Chief Accountant, Bombay Municipal Corporation

Hon General Secretary —D M Fernandez

BOMBAY PRESIDENCY GOLF CLUB, LTD.

Chembur

The Club founded in 1927 at Sewri moved to its present site in 1940 The Course is one of 18 holes situated in pleasant surroundings 11 miles from the G P O with good road approach

Particulars for membership can be had from the Hon Secretary on application Visitors resident beyond the Island of Bombay may be allowed to play on payment of Green fees

BOMBAY PRESIDENCY RADIO CLUB, LTD

157, Arthur Bunder Road, Colaba, Bombay

A Cosmopolitan Social Club with all amenities, situated on a fine site by the sea Total membership about 2,000

Entrance Fee Rs 1,000

Patron —The Governor of Bombay

President —V L Parmar, *Vice President* —H S Doctor, *Jt Hon Secretaries* —K G Shroff H H Ismail, *Jt Hon Treasurers* — Bhogilal C Shah, G V Dayal

BRITISH INDIA MARINE SERVICE CLUB

Hornby Road, Bombay

Entrance fee Rs 20 for Commanders and Officers of the B I S N Co's Service Monthly Subscription Rs 7 *President* —A Kirkwood Brown, *Hon Secretary* —W R Smith, *Joint Hon Treasurers* —W R Smith, J Sloan *Superintendent* —K G Joshi

ADDRESS —Kodak House, Post Box No 29 Fort, Bombay 1

BURMAH SHELL SPORTS CLUB

Burmah Shell House Ballard Estate, Bombay

MAIN ACTIVITIES —Football Hockey, Cricket Badminton, Tennis and also Indoor Games such as Cards Carrom, Table Tennis, Bagatelle, etc

Vice President —P C R Coates
Hon Genl Secretary -V V Pandit
Hon Treasurer —K M Buch

CATHOLIC GYMKHANA

Kennedy Sea Face, Marine Drive, Bombay

The objects of the Gymkhana are to furnish facilities for sports and other recreation chiefly to members of the Catholic Community and also to Christians of other denominations Government have granted the lease of a plot of ground (about 4,500 sq yards) on which a pavilion has been erected Tennis, Hockey Cricket, Billiards, Badminton, Swimming and other games are available to members The Club also provides social amenities to about 900 members and their families

Trustees —Dr Jos Alban de Souza, B A, L M A S, M L C, Leo Rodrigues, B A, LL B, J P, M S Noronha, B A, J I B J P

President C Sales de Andrade *Vice President* —Fred J D'Souza, *Hon Gen Secretary* —J M Pinto *Hon Asstt Gen Secretary* — J Furtado, *Hon Treasurer* —J C Silveira

CENTRAL RAILWAY MECHANICS INSTITUTE

Vincent Road, Parel Bombay 12

Nature of the Body Social
President —J W E Gurr
Secretary —S I Pottle
Treasurer —M J D'Cruz

CHESS CLUB OF INDIA

34 Rampart Row Bombay 1

Nature of the Club Sports
President —Lt Gen His Highness Sir Jiwajirao Scindia, the Raj Pramukh of Madhya Bharat
Chairman —J G Bodhe
Hon Secretary —V V Vad
Treasurer —D P Ratnagar

COLABA SAILING CLUB

C/o Royal Bombay Yacht Club, Apollo Bunder, Bombay 1

Commodore —A P Haseler, *Vice Commodore* —P Deeth *Rear Commodore* —Dr G Foges, *Hon Treasurer* —K K Minocher Homji, *Hon Secretary* —V Grenfell

OBJECTS —To encourage yachting, motor boating and amateur boat building on the West Coast of India Entrance fee Rs 30 Annual Subscription Rs 20 Life membership Rs 200

CRICKET CLUB OF INDIA

Headquarters —Brabourne Stadium, Bombay

A Cosmopolitan Sports Club having one of the finest and largest Cricket Stadiums in the world It is equipped with Tennis courts, Indoor Badminton courts, Squash courts, and a Swimming Pool, also has Billiard Tables, Card Rooms, Table Tennis and Dancing for Members and Guests Residential chambers for visiting members.

Hon Secretary,—Homi Contractor

Asst Secretary —Major S Bhattacharji

ELPHINSTONE COLLEGE AND INSTITUTE OF SCIENCE GYMKHANA

Elphinstone College, Mahatma Gandhi Road Bombay 1

ACTIVITIES The students of the Elphinstone College and Institute of Science and members of staff are members of the Gymkhana Membership is open to past students also Provides facilities for games and athletic sports, runs a reading room and publishes 2 journals annually

President N I Ahmad (Principal), *Vice President* —Dr I R Bharucha *Hon Gen Secretary* —Prof D C Motwani *Hon Treasurer* —Prof K N Wani

ISLAM CLUB

Chowpatty, Bombay

Entrance fee Rs 100, annual subscription Rs 60, monthly subscription Rs 5

President —Sir Rahimtulla M Chinoy, Kt, J P

Vice Presidents —Dr Tahcrally M Kajji, M A, LL D, Bar at Law Mahomed Ali Chairwala, B A, LL B, Solicitor, A B Mahomedali Allabux, Ramjanally Ibrahim Mahomed Ali / Alirazi

Honorary Secretaries —Ebrahim Haji Habib, Fidaaly Mohamedaly Potia, J P

Honorary Treasurer —Ismail A K Punjoo

ISLAM GYMKHANA

Kennedy Sea Face, Bombay

President —A A Jasdenwala
Vice President S M Khatkhatay
Auditors —H M Contractor & Co
Honorary Treasurer —Sayed Abdul Huq Kadri
Jt Hon Secretaries —E I Kanthawala and R Duia

The Gymkhana was established in 1892 Subscription for Life Membership Rs 750, Entrance fee Rs 50, Ordinary Membership quarterly subscription Rs 12 Patron Rs 1 000

KSHATRIYA UNION CLUB

Vanmali Hall, 70 D Chhubildas Road, Dadar, Bombay 28

OBJECTS AND ACTIVITIES —Promotion of social reform and union amongst the members of the Pathare kshatriya Community, furtherance of highest education and relief of distress, encouragement to Literary and Sporting activities and Arts and Crafts

President —Kesarinath Baburao Bhatte *Vice President* —Dattatraya Janardan Pathare B A, LL B, *Gen Secretary* —Anand Wasudev Pathare M A *Treasurer* Khanderao Sadashiv Sahani *Curator* —Durgadas Balaram Paralkar, C A

MATUNGA GYMKHANA

Lakhamsi Nappu Road, Matunga, Bombay 19

OBJECTS —To create and promote a taste for physical culture and sports

President —Seth Velji Lakhamsi Napoo, *Vice Presidents* —Bhogilal Shah and R S Patankar *Hon Secretaries* —G M Divekar and M C Mehta, *Hon Treasurers* —M D Lotlikar and K V Nathan

Departmental Secretaries —M R Gurjar (Tennis) T K Sarangan (Shuttle Badminton), V V Joshi (Cricket), S N Kumta (Table Tennis), S D Manohar (Gymnasium), S Subbiah (Card)

NEWCORD SPORTS CLUB

16, Vir Nariman Street, Fort, Bombay

A social and recreational institution for the employees of "The New Zealand" and "The Concord of India Insurance Companies and their allied or subsidiary companies at Bombay Plays cricket, table tennis, carrom, etc and maintains a circulating library

President —S W J Holt, *Vice President* —S S Balwally, *Jt Hon Secretaries* —N H Chawalla, S D Lima *Hon Treasurer* —D H Karani, *Committee Members* —E D Anklesaria, R R Menon, R B Marolia, A V Remedios, Miss E Sweeny

ORIENT CLUB

Chowpatty, Bombay

OBJECTS —This Club was opened on the 1st May 1900, and owes its origin to a desire to provide a first-class Club, to which persons of culture and position could be admitted irrespective of race, creed, or politics, on terms of social equality

TRUSTEES —Sir Cowasjee Jehangir, Bart, M M Amersey and J G Bhagat

COMMITTEE OF MANAGEMENT —Mr Justice S R Tendolkar (*President*) J G Bhagat and R Mathalone (*Joint Hony Secretaries*), L S Dabholkar (*Hony Treasurer*) Sir Cowasjee Jehangir Bart, C B E, K C I E, N V Purshotam F D Madon N P Pandit, Dr M M Pandya F R C S M H Patel Mr Justice G S Rajadhyaksha, J V Saraiya Dipchand B Shah V S Vchikar, A R D Wadia

PALI HILL GYMKHANA

Pali Hill, Bandra Bombay 20

MAIN ACTIVITIES —Golf Tennis and social activities Entrance fee Rs 50, monthly subscription Rs 7

President J S R Spelman
Jt Hon Secretaries —P G Kendall A R Leyden

P J HINDU GYMKHANA

Netaji Subhas Road (Marine Drive), Bombay 2

Patron Fee Rs 2 000, Life Membership Fee Rs 1,500, Admission Fee Rs 25, Ordinary Membership Rs 3 per month

Games Cricket, Tennis, Billiards, Badminton, Table Tennis Carrom and Cards

embership over 3,000

PARSEE GYMKHANA

Marine Lines, Bombay

President —Sir Cawasji Jehangir Bart, *Chairman* —M P Dadachanji, *Jt Hon Secretaries* —Dinshaw S Tata and N H Colah *Committee* —P F Pavri, H J Engineer, H M Vakeel H N Kanga, M J Vakil, R K Adenwala, E B Mistry, N F Billa, B D Dhalla (*Hon Treasurer*)

PRINCESS VICTORIA MARY GYMKHANA AND GYMNASIUM

Queen's Road, Cooperage, Bombay

MANAGING COMMITTEE —*President* —Srimathi Bajpai *Vice-Presidents* —Mrs Shuffi Tyabji, Lady Cowasji Jehangir Mrs I David and Mrs M V Desai *Hon Treasurer* —Mrs F R B Jeejeebhoy *Joint Honorary Secretaries* —Miss Dhun Desai and Mrs Avabai M Mehta *Members* —Lady Byramjee Jeejeebhoy Lady Duggan, Mrs Jalundhwala Mrs Abdullvab Maskati Lady Nowroji Sakhatvala, Mrs Hamied, Mrs Jal, Mrs F A Vakil, Mrs Gourgey, Mrs Sophie Judah, Mrs D S Lawyer, Mrs M D Dubash Mrs H S Billimoria, Mrs R N Kohlvi, Miss Bastavala, Miss Luxmibai Thakersey

RAMNARAIN RUIA COLLEGE GYMKHANA

Matunga Bombay 19

Activities Cricket football, volley ball, tennis etc
President Dr N N Murti

RIPON CLUB

Mahatma Gandhi Road Bombay

Members elected by ballot Entrance Fee Rs 300, Annual Subscription Rs 100 Present membership 400

President —Sir Cowasji Jehangir, Bart, G B E, K C I E, O B E

Vice Presidents —Sir Jamshed B Kanga, Kt, Sir Jamsetjee Jejeebhoy, Bart, Sir Homi Mody, K B E, Sir Shapoorji Billimoria, Hon Mr Justice N H C Coyajee

Hon Treasurers —H S Jassawala, D C Gazder *Hon Secretaries* —M J Antia and N B Davar

ROTARY CLUB OF BOMBAY

Green's Hotel, Bombay

The object of Rotary is to encourage and foster the ideal of service as a basis of worthy enterprise and, in particular, to encourage and foster (1) The development of acquaintance as an opportunity for service, (2) High ethical standards in business and professions, the recognition of the worthiness of all useful occupations and the dignifying by each Rotarian of his occupation as an opportunity to serve society, (3) The application of the Ideal of Service by every Rotarian to his personal business and community life, (4) The advancement of international understanding, goodwill, and peace through a world fellowship of business and professional men united in the ideal of service

President —S G Nadkarni, *Secretary* —S M Kini, *Treasurer* —N B Karanjia

ROYAL BOMBAY YACHT CLUB

Apollo Bunder Bombay

LIST OF OFFICERS AND MEMBERS OF COMMITTEES

President —A L Blair MC, MA, JLB, *Vice President* —*C A Cunchffe, *Commodore* —D Gordon *Trustees* —*I F H Goodwin, OBE, L D Sheppard, J C Burns

General Committee - W H Adcock *G L Coley B K Denton, *A R Hascler *F V Jakob, R H McCallum, C W Middleton, K J Quick *S Murray Scott J S Thurman

* Members of the House Committee

Balloting Committee —E O Austin C S Barrett, G H Brown D S Cowan, N H G Grant L B Green, J V Hanlon, A L Kerridge Capt H J Miller, RD RNR B J O Shaughnessy, M H Phillips, A Simpson E M Smythe, F H G Taylor, CIE

Hon Secretary —K J Quick

The Officers of the Club, the three Trustees and the ten Members of the General Committee are *ex officio* Members of the Balloting Committee

ROYAL WESTERN INDIA TURF CLUB, LTD

Race Course Mahalaxmi, Bombay

ADDRESS — 1st November to 30th April—Bombay 1st May to 31st October—Poona

ENTRANCE —Club Member, Rs 750 Stand Member Rs 250 Annual Subscription Rs 25, Lady Stand Member Rs 15

Secretary —F K Vakil *Assistant Secretary* —P R Mehta, BA, LLB, Solicitor *Handicapper* -M Dhalla *Stipendiary Stewards* — S R S Captain, MRCVS N S Chhachhi, N K Padumjee and Fulsidas M Goculdas *Totalizator General Manager* —K Newnes

SARASWATI VOLUNTEER AND ATHLETIC LEAGUE

16 Talmakiwadi, Tardeo, Bombay 7

OBJECT — To encourage physical culture and discipline by imparting knowledge of Indian and foreign methods of physical education

President -Dr B J Divgi MBBS, MIA
Vice President M R Sirur
Chairman —D K Balsekar
Hon Secretary -Vasant N Kalle
Joint Hon Secretary S S Verdoor
Hon Treasurer Mohan V Nadkarni

SHREE KRISHNA HINDU MERCHANTS' CLUB

Belle Vue, Chowpatty, Bombay

OBJECT —Promotion of social and commercial intercourse Donation Rs 500 Entrance fee Rs 501 Annual subscription Rs 100 Reserve Fund about Rs 90 000

PATRON —Rattanchand Hullockchand Master

President —Dwarkadas Jamnadas *Vice President* - Manekbai Chunilal Shah JP, *Hon Secretaries* —Hiralal Bhaidas Shroff Mumbai H Patel Anandrai M Mehta (Solr), JP *Hon Treasurers* Gopaldas Poonjabhai Ratilal B Desai

ST XAVIER'S COLLEGE GYMKHANA

St Xavier's College Gymkhana Ground Parel, Bombay 12

Fostering Sport in North Bombay Ground is engaged throughout the year with Hockey and Football matches being played daily while Sports Meets are held on week ends Full equipment for Sports together with well marked tracks

Director of Sports Rev Fr J Dell SJ
In Charge Ground and Buildings Brother G Noguera, SJ
Manager - O Ferreira

THE TIMES OF INDIA SPORTS CLUB

Times of India Building, Hornby Road, Bombay

A social and sporting club for the employees of Bennett, Coleman and Co, Ltd

Provides facilities for Billiards, Table Tennis and Dancing Runs Football, Hockey, Cricket and Table Tennis teams, has sections for athletics, cycling and boxing, Indian Games and a circulating library

President —J C Jain
Chairman and Vice President Pyarelal Sah
Hon Secretary K A Vernum
Hon Treasurer D D Bramhandkar

UNITED SERVICES CLUB

Colaba, Bombay
(INSTITUTED IN 1928)

President —Major General U C Dubey

Vice President —Brigadier K K Varma

Members —Commodore R M I Taylor RN, It Col N S Bhagat Mrs I Kimber K M Nanjappa F W Courtney Major F Doutre Commander H R Claudius, I N Capt J K Dhairyam, R C Bainbridge

Hon Secretary —It Col V Bhagwan Singh

There are four hard Tennis Courts, one Squash Court and one Badminton Court The Club Swimming Pool is situated on the sea wall, a few hundred yards from the Club The Changing Rooms at the Pool are open at convenient hours daily between October and May The sailing at Pilot Bunder Colaba, is open to all members who can take boats on hire during sailing season

The Club premises are situated at the southernmost point of Bombay Island They consist of Committee Room, Reading Room, Library, Bar, Lawns and Changing Rooms

WELLINGTON CRICKET CLUB

Brabourne Stadium, Fort, Bombay 1

(Estd 1932)

Proprietor and Hon Secretary —Dirabshaw Hormusji Talati, c/o The Cricket Club of India Ltd, Brabourne Stadium, Fort, Bombay 1

Entrance fee Rs 5 Monthly subscription Re 1

The Club is open to any Community domiciled in India Daily net practice on Cross Maidan, Plot No 19 The Club is affiliated with the Bombay Cricket Association It takes part in the Zoroastrian Jubilee and Framroze Pastakia Cricket Tournaments and also Padmakar Talim Shield Tournament every year Cricket Fixtures are being fixed annually from June to January with the various Gymkhanas, Colleges and Cricket Clubs in Bombay, Poona, Nasik, Deolali, Lonavla etc

WILLINGDON CATHOLIC GYMKHANA

Santa Cruz

The Club is open to Catholic as well as non Catholic residents of Santa Cruz and the neighbouring suburbs

Chairman and Trustee J A Colaco *Trustee* -Baldwin Ribeiro *Hon Treasurer and Trustee* -I Mascarenhas *Hon General Secretary* — Dr J Mathias *Hon Joint Secretary* - M Lobo

WILLINGDON SPORTS CLUB

Bombay 11

(Founded in 1917 by the late Lord Willingdon when Governor of Bombay)

President Girja Shankar Bajpai Governor of Bombay

Vice President —Mr Justice N H C Coyajee

Trustees —Rustom S Powvala, Sir Jamsetjee Jejeebhoy, Bart, Puran Chand Malhotra

Secretary —S G Pick, OBE, MC

WODEHOUSE GYMKHANA LTD.

182, Queen's Road Bombay 1

ACTIVITIES —Billiards Table Tennis, Tennis, Bowls Membership fee Rs 1 per measem

President -W G Wilson *Vice President* R Owen, *Hon Treasurer* -I Moss, *Secretary Manager* — A J D'Souza

SOME OTHER CLUBS

List of clubs about which details had not been received at the time of going to press

BHATIA SPORTS CLUB, BOMBAY
DADAR PARSEE COLONY GYMKHANA, BOMBAY
KHAR GYMKHANA, KHAR, BOMBAY
KHALSA SPORTS CLUB, BOMBAY
MERRY MAKERS' CLUB, BOMBAY
RUIA SPORTS CLUB, BOMBAY
SHIVAJI PARK GYMKHANA, BOMBAY
BOMBAY UNIVERSITY CLUB, BOMBAY
VJT INSTITUTE CLUB, BOMBAY
WIAA CLUB HOUSE, BOMBAY

SWIMMING POOLS AND BATHS IN BOMBAY

BACK BAY BATHS CO , LTD

The Back Bay Swimming Baths (Cosmopolitan) are situated on the Back Bay Reclamation close to Cooperage Band Stand Dimensions of the Pool —100 ft × 35 ft

Daily Charges	Rs	1-0-0
Monthly Charges	,,	7-0-0
Yearly Charges	,,	50-0-0

The Back Bay Baths Co , Itd Intend to open up more swimming Pools in the various parts of the City and a new Ice Skating Club, an Air conditioned Stadium will be constructed very soon, and a new type of indoor sport will be inaugurated for the sports loving public of Bombay

BREACH CANDY SWIMMING BATH TRUST

66, Bhulabhai Desai Road, Bombay

Dimensions of Pool The main pool is irregular in shape covering an area of approximately 3,500 sq yards containing about 1¼ million gallons of sea water

Admission Restricted to the European community on daily and Season ticket rates

Chairman I F Cockram, O B E

Honorary Secretary J T Kellock

Honorary Treasurer —F F Stewart

CRICKET CLUB OF INDIA SWIMMING POOL

The Dimensions of the Pool are 75 feet by 30 feet

The charges per month are Rs 6 for members and Rs 4 for members children

Hon Secretary—R C Nazir

GOLWALLA'S VICTORIA SWIMMING BATH

Back Bay, Fort, Bombay

This has been a Cosmopolitan Swimming Pool since 1901, and over 100 000 people of both sexes have learnt Swimming, Diving and Water Polo

The Baths will be remodelled in the near future and a modern Olympic Swimming Pool, Restaurant, Boat Club and other amenities will be given to the public of Bombay

Appreciating the vital need of a cosmopolitan institution on the same lines, however, the late Golwalla Bros acquired a site on Back Bay Shore and on March 21, 1900, Sir Lawrence Jenkins, the then Chief Justice, laid the foundation stone of what is known, as the Golwalla Bros' Victoria Swimming Bath

In addition to other aquatic activities Messrs Golwalla Bros introduced Water Polo in Bombay in 1903, the first seen in India, and since then it has become a very popular feature in Bombay

The Bath has also a most up to date Rowing and Boating Club for the benefit of all its members and a modern Restaurant

The Bath is open to all communities of both sexes and special personal instruction in Swimming, Diving, Life Saving, Water Polo, Rowing, etc , is given by a staff of well qualified teachers

MAFATLAL PARK SWIMMING POOL

Warden Road, Bombay

Dimensions of the Pool 60 ft 6 in long and 30 ft 4 in wide The depth varies from 3 ft at one end to 8 ft 3 in at the deepest point and it again reduces to 6 ft 9 in at the other end

The swimming pool is meant for the use of the tenants of Mafatlal Park only, free of charge However tenants can bring their own guests in which case they are charged at the rate of Re 1 per guest, per day

The Swimming Pool is managed by Messrs Mafatlal Gagalbhai & Co , Itd , Bombay, the proprietors of Mafatlal Park

MAHATMA GANDHI MEMORIAL OLYMPIC SWIMMING POOL

Cadell Road, Mahim

Largest fresh water pool in India constructed as a memorial to Mahatma Gandhi The pool can accommodate over 450 persons at a time It satisfies all the conditions required for holding aquatic competitions on an olympic basis

Dimension of the Pool 165 ft by 60 ft with a recess for diving 60 ft by 40 ft Depth varying from 3 ft shallow end to 16 ft below the diving stage Capacity 7½ lakhs of gallons

Entrance fee Re 1 Monthly Rs 3 Quarterly Rs 8 Yearly Rs 30

Director in Charge K F Golwalla *Asstt Director in Charge* A K Golwalla *Hon Secretary* M R Merchant

MINT SWIMMING POOL

India Government Mint Bombay

The Mint swimming pool is a private pool meant for the exclusive use of Mint Recreation Club members at no extra cost

Dimensions of the Pool Length—40 0 , Breadth—15 0 , Depth —Shallow end 4 0 Deep end 9 0

President Major D V Deane C I I O B E R I (Retd)

Vice President—B K Bose M Sc D I C A M I M M

PRANSUKHLAL MAFATLAL HINDU SWIMMING BATH AND BOAT CLUB TRUST

OFFICE Netaji Subhas Road, Bombay 7

The above Club owns two swimming pools (Gents and Ladies) situated at Marine Drive with total strength of about 7 000 members the area covered is about 1,200 sq yards and constructions cost about Rs 6 25 000

The Club is governed by a scheme approved by the High Court and managed by the Managing Committee consisting of six Trustees as ex officio members in addition to fourteen elected members

Hon Secretary—Manilal T Bodaji

Hon Treasurer —Jamnadas D Saurashtri

WILLINGDON SPORTS CLUB SWIMMING POOL

Bombay 11

(FOR MEMBERS ONLY)

Size of the Pool—60′ × 30′

Depth—at shallow end 3′ 6″

,, below high diving board 9

,, at deep end 7

Capacity of Pool—80,000 gallons

of Filtration Plant—7 000 gallons per hour

Admission Members and their guests only

VAGJIBHAI SWIMMING POOL

Vile Parle

This is a private pool Charges are nominal especially for learners and that too only for three months

There are two swimming pools of dimensions 40 by 30 and 40 by 25′ The former is 7′ deep one side and 14′ other side while the latter is 3′ deep on one side and 6½′ deep on the other side

Proprietor H V Bhatia

RATIONING OFFICES IN BOMBAY

Controller of Rationing Bank of India Building, Mahatma Gandhi Road Fort Tel 32007, 32008, 32009, 32000

Public Relations Officer Bank of India Building, Mahatma Gandhi Road, Fort Tel 32007, 30372

Index Section Muzafarabad Hall, Proctor Road, Grant Road Tel 71589

Permits Section No 11, Queen's Barracks, opp Cooperage, Fort Tel 30745

WARD OFFICES

A WARD (11 12 Queen's Barracks, Netaji Subhas Road (Marine Drive) Tel 20079) For Colaba, Fort, Bori Bunder, Esplanade

B WARD (128 Jakaria Masjid Street Tel 71322) For Mandvi, Chakla, Umerkhadi, Dongri

Week days (except Monday) 9 A M to 10 30 A M skeleton work and 10 30 A M to 5 30 P M regular work —Sunday 9 A M to 2 P M —Monday holiday

C WARD (*i Main Office* —Ladwadi, Vithalbhai Patel Road Tel 72527, *ii Sub Office I* —Keshav Baug, Princess Street Tel 30525 *iii Sub Office II* —Bara Imam Street, Null Bazar Tel 42803) For Khara Talao, Kumbharwada, Bhuleshwar, Market, Dhobi Talao, Panaswadi

Week days (except Monday) 9 A M to 10 30 A M skeleton work and 10 30 A M to 5 30 P M regular work —Sunday 9 A M to 2 P M —Monday holiday

D WARD (*i Main Office* —Laxmi Baug, Awantikabai Gokhale Road, Opera House Tel 20971, *ii Sub Office I* —Anand Bhuwan Vithalbhai Patel Road Tel 30542, *iii Sub Office III* —13, Hughes Road Tel 41414) For Khetwadi Tardeo, Girgaum, Chowpatty, Walkeshwar, Mahalaxmi

Working days and hours same as for C Ward

E (EAST) WARD (Sawta Mali Hall, opp Railway Station, Byculla Tel 40324) For Mazgaon, Tarwadi, Nagpada, Byculla (East), Ghorupdeo

Working days and hours same as for C Ward

E (WEST) WARD (*i Main Office* —Salvation Army Building, Sankli Street Byculla Tel 44898, *ii Sub Office* - Vithal Sayana Pavilion, 8th Lane Kamathipura Tel 41838) For Kamathipura, Byculla (West)

Working days and hours same as for C Ward

F (SOUTH) WARD (*i Main Office* - Bhavsar Kshatriya Mahajan Wadi, Chamarbaug Road Parel Tel 61483, *ii Sub Office* —Captain Building, King Edward Road, Sewree Tel 61114) For Parel (North), Sewree, Talbaug

Working days and hours same as for C Ward

F (NORTH) WARD (*i Main Office* —Napoo Hall, Matunga Tel 61039, *ii Sub Office* —Labour Welfare Centre, Naigaum Tel 60448) For Naigaum, Matunga, Sion

Working days and hours same as for C Ward

G (NORTH) WARD (*i Main Office* —C K P Hall, Ram Maruti Road, Dadar Tel 61025 *ii Sub Office* —Kermani Bldg, opp Mahim Railway Station Tel 62946) For Dadar, Mahim, Prabhadevi

Working days and hours same as for C Ward

G (SOUTH) WARD (Gopchar and Bhoyen Sansthan Hall, opp Municipal Market, Worli Tel 40218) For Worli, Chinchpokli, Love Grove, Lower Parel

Working days and hours same as for C Ward

BANDRA (*i Main Office* —Hill Road, Bandra Tel 89519 *ii Branch Office I* —Laxmi Nagar, 10th Road, Khar *iii Branch Office II* —Juhu Municipal Office, Juhu, *iv Sub Office* — 1st Hasanabad Lane, Santa Cruz) For Bandra, Khar, Santa Cruz, Juhu

For Main Office, week days (except Monday) 9 A M to 10 30 A M skeleton work and 10 30 A M to 5 30 P M regular work —Sunday 9 A M to 2 P M —Monday holiday

For Branch Offices I and II, week days (except Monday) 10 30 A M to 5 30 P M —Sunday 9 A M to 2 P M — Monday holiday

For Sub Office, week days 9 A M to 10 30 A M skeleton work and 10 30 A M to 5 30 P M regular work —Sunday 9 A M to 2 P M —Monday holiday

ANDHERI (*i Main Office* Kirtikar Bungalow, 13, Kurla Road, Andheri Tel 86350 *ii Sub Office* —Vile Parle Municipal Building, Vile Parle Tel 86278, *iii Branch Office I* — Tukaram Pandu Building Bazar Road Versova *iv Branch Office II* — Kutianwala Bungalow, 60, Kurla Marol Road, Marol) For Vile-Parle, Andheri, Versova, Jogeshwari, Marol

For Main and Sub Offices, week days (except Monday) 9 A M to 10 30 A M skeleton work and 10 30 A M to 5 30 P M regular work —Sunday 9 A M to 2 P M —Monday holiday

For Branch Offices, 9 A M to 2 P M —Monday closed

MALAD (*i Main Office* -Zakaria Bungalow, Malad Tel 84003, *ii Sub Office* —103, Shanti Bhuwan Ghodbunder Road, Borivli Tel 84017 *iii Branch Office I* — Goregaon Gram Panchayat Office, near Goregaon Railway Station, Goregaon Tel 87207, *iv Branch Office II* —Notified Area Committee's Office, Ghodbunder Road, Kandivli) For Malad, Goregaon, Borivli, Dahisar, Kandivli

For Main Office, week days (except Monday) 9 A M to 10 30 A M skeleton work and 10 30 A M to 5 30 P M regular work —Sunday 9 A M to 2 P M —Monday holiday

For Branch Office I, week days (except Monday) 10 15 A M to 5 15 P M —Monday closed

For Branch Office II, week days 9 A M to 2 P M —Sunday 9 A M to 1 P M —Monday closed

KURLA (*i Main Office* —Sane Villa, Pipe Road, near Station, Kurla Tel 87111, *ii Sub-Office* —Jariwala Building, Trombay Road, Chembur Tel 87183) For Kurla, Chembur

Week days (except Monday) 9 A M to 10 30 A M skeleton work and 10 30 A M to 5 30 P M regular work —Sunday 9 A M to 2 P M —Monday holiday

GHATKOPAR (*i Main Office* —Bhagwan Bhuvan Mahatma Gandhi Road, Ghatkopar Tel 87125, *ii Sub Office* —Bawa Pandumansing & Sons Building, Bombay Road, Mulund Tel 87007, *iii Branch Office* —Opp Railway Station, Bhandup) For Ghatkopar, Bhandup, Mulund

For Main Office and Sub-Office the same working days and hours as for Kurla

For Branch Office, week days (except Monday) 10 30 A M to 5 30 P M —Sunday 9 A M to 2 P M —Monday holiday

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CINEMAS IN BOMBAY

ALEXANDRA TALKIES, Bellasis Road, Byculla
ALFRED TALKIES, Grant Road Corner
AURORA CINEMA, King's Circle, Matunga
BANDRA TALKIES, Ghodbunder Road, Bandra
BHARAT CHITRA MANDIR, Kurla
BHARAT MATA CINEMA, Tal Baug, Parel
BROADWAY TALKIES, Vincent Road, Dadar
CAPITOL CINEMA, Opposite Victoria Terminus
CENTRAL CINEMA, Charni Road and Girgaum Road Junction
CHITRA TALKIES, Vincent Road, Dadar
CITY LIGHT CINEMA, Lady Jamshedji Road, Mahim
DAULAT TALKIES, Falkland Road
DEEPAK TALKIES, De'Lisle Road
DIANA TALKIES, Tardeo Tram Terminus, Falkland Road low level
DURBY TALKIES, Nowrojee Hill Road
EDWARD TALKIES, Kalbadevi Road
EROS CINEMA, Junction to J T Road and Queen's Road, Church gate
EXCELSIOR CINEMA, Ravelin Street, Fort
GARRISON TALKIES, R C Church, Colaba Barracks
HIND MATA CINEMA, Govindji Keni Road, Naigaum
IMPERIAL CINEMA, Lamington Road, near the junction of Vithal bhai Patel Road
JAI HIND TALKIES, near Byculla Goods Station, Parel
JAWAHAR TALKIES Station Road, Kurla
KAMAL TALKIES, Golpitha, Sandhurst Road
KISMET CINEMA, Prabhadevi Naka, Cadell Road
KOHINOOR CINEMA, Ranade Road, Dadar
KRISHNA CINEMA, Junction of Tribhuvan Road and Charni Road
KUM KUM CINEMA, Haines Road, Worli Naka
LAMINGTON CINEMA Lamington Road, near New Foras Road
LIBERTY CINEMA, New Marine Lines
LIDO CINEMA, Juhu Road, Santa Cruz West
MAJESTIC CINEMA, Girgaum Road
METRO CINEMA, Mahatma Gandhi Road
MINERVA CINEMA, Lamington Road
NAAZ CINEMA Lamington Road, Mangaldas Wadi
NATIONAL TALKIES, Kumbharwada Sandhurst Road
NEPTUNE TALKIES, Opposite Bandra Railway Station, Turner Road, Bandra
NEW EMPIRE CINEMA, Murzban Road, Fort
NEW MODEL TALKIES, Old Agra Road, Kurla
NEW TALKIES Junction of Hill Road and Waterfield Road, near Bandra Post Office, Bombay 20
NISHAT TALKIES, Grant Road Corner
NOVELTY CINEMA, Grant Road, near Lamington Road Junction
PALACE TALKIES, Victoria Garden Road, Byculla
PARADISE TALKIES, Lady Jamshedji Road, Mahim
PLAZA CINEMA, N C Kelkar Road foot of Tilak Bridge, Dadar
PRAKASH TALKIES, De Lisle Road, near Apollo Mills
RADHESHAM TALKIES Mahatma Gandhi Road, Vile Parle East
RADIO TALKIES, Palton Road
REGAL CINEMA, Opposite Museum Causeway Road
REX TALKIES, Fort Street, Fort
RIVOLI CINEMA, Lady Hardinge Road, Matunga (Western Rly)
ROOP TALKIES, Pandit Jawaharlal Nehru Road, near Santa Cruz Railway Station (East)
ROSHAN TALKIES Falkland Road
ROXY TALKIES, New Queen s Road, Churchgate
ROYAL OPERA HOUSE, Junction of New Queen's Road and Sardar Vallabhbhai Patel Road
ROYAL TALKIES, Grant Road
SHERIA TALKIES, Junction of Clarke Road and Jacob Circle
SHREE CINEMA Lady Hardinge Road, Matunga (Western Rly)
SHRI KRISHNA TALKIES, Bhandup
SILVER TALKIES Falkland Road
STAR CINEMA, Reay Road, near Dockyard Railway Station
STRAND CINEMA, Opposite Arthur Bunder Road
SUPER CINEMA, Grant Road and Eruchsha Hakim Road Junction
SURYA CINEMA, Dadar Main Road
SWASTIK CINEMA, Lamington Road, near Tribhuvan Road
TAJ TALKIES, Grant Road Corner
UDAY TALKIES, 4th Road, Ghatkopar, near Ghatkopar Railway Station
USHA TALKIES, New Nagardas Road, Mogra East, Andheri
VENKATESH TALKIES Mahatma Gandhi Road, Vile Parle East, in front of Radhesham Talkies
VIJAY TALKIES, Sion Trombay Road, near Chembur Naka, Chembur

LIBRARIES IN BOMBAY

BLAVATSKY LODGE LIBRARY (French Bridge, Chowpatty)

DAVID SASSOON LIBRARY AND READING ROOM (152, Mahatma Gandhi Road, Fort) See also under Literary and Scientific Institutions

DEPARTMENT OF INDUSTRIES LIBRARY (Secretariat)

DIRECTORATE OF INFORMATION LIBRARY (Secretariat)

HAFFKINE INSTITUTE LIBRARY (Old Government House, Parel)

J N PETIT INSTITUTE LIBRARY (Hornby Road) See also under Literary and Scientific Institutions

J N PETIT INSTITUTE LIBRARY (Dadar)

K R CAMA ORIENTAL INSTITUTE LIBRARY (Old Custom House Road)

LABOUR OFFICE LIBRARY (Secretariat).

MARWADI HINDI PUSTAKALAYA

MOOLJIBHOY JIVRAJ KHOJA GENERAL READING ROOM AND LIBRARY (9, Dontad Cross Lane, Khadak) See also under Literary and Scientific Institutions

MULLA FIROZ LIBRARY

MUMBAI MARATHI GRANTH SANGRAHALAYA NATIONAL LIBRARY (Bandra)

NATURAL HISTORY SOCIETY LIBRARY (114, Apollo Street) See also under Literary and Scientific Institutions

PEOPLE'S FREE READING ROOM AND LIBRARY (Ravelin Street, Fort , Dhobi Talao) See also under Literary and Scientific Institutions

ROYAL ASIATIC SOCIETY LIBRARY (Town Hall) See also under Literary and Scientific Institutions

SECRETARIAT LIBRARY (Secretariat)

JAIN CENTRAL LIBRARY

UNIVERSITY LIBRARY (Rajabai Tower Bldg)

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CHAMBERS OF COMMERCE IN BOMBAY

BOMBAY CHAMBER OF COMMERCE

MACKINNON MACKENZIE'S BLDG, BALLARD ESTATE, BOMBAY 1

THE objects of the Chamber are to encourage and promote a friendly feeling and unanimity among commercial men on the general mercantile interests of the State to promote protect and to collect and circulate information on all matters of general commercial interest ..

All firms or persons engaged or interested in mercantile pursuits are eligible for election as Ordinary Members or Associate Members in their conventional or corporate name The Chamber members annual subscription is Ordinary Rs 480, Associate Rs 360 An Ordinary Member on election pays an entrance fee of Rs 1,000 and an Associate Member Rs 100

Officials and others indirectly connected with the trade commerce or manufactures of India or who may have rendered distinguished service to the interests represented by the Chamber may be elected by the Committee Honorary Members of the Chamber

ORDINARY MEMBERS

A C E C India Ltd
Acme Thread Co Ltd
Adamji Lookmanji & Co
Adrema Ltd
Alcock Ashdown & Co Ltd
Alexander & Co
Allahabad Bank Ltd
Allen & Hanburys Ltd
Allied Photographics, Ltd
Allied Steel Traders
All India Groundnut Syndicate Ltd
Aluminium Hindustan, Ltd
Amalgamated Chemicals & Dyestuffs Co, Ltd
American Express Co, Inc
Anchor Line Ltd
Andrew Yule & Co, Ltd
Anglo Thai Corporation Ltd
Ardeshir B Cursetjee & Sons Ltd
Armstrong Smith Ltd
Asbestos Cement, Ltd
Asbestos, Magnesia & Friction Materials Ltd
Asea Electric (India) Ltd
Aspdens Ltd
Associated Cement Companies, Ltd
Associated Electrical Industries (India), Ltd
Atherton & Co (Eastern), Ltd, G
Atlas Assurance Co, Ltd
Automobile Products of India Ltd
Avery Co, Ltd
Babcock & Wilcox of India, Ltd
Balmer Lawrie & Co, Ltd
Bank of India Ltd
Bassam & Bros, A R
Batliboi & Co
Beardsell & Co, Ltd, W A
Beharilal Ramcharan Cotton Mills Ltd
Bell, Russ & Co, Ltd
Bennett, Coleman & Co, Ltd
Biddle Sawyer & Co (India), Ltd
Blackie & Son (India), Ltd
Bombay Ammonia & Refrigeration Co, Ltd
Bombay Company Ltd
Bombay Dyeing & Mfg Co, Ltd
Bombay Gas Co Ltd
Boots Pure Drug Co (India), Ltd
Bourjois (Eastern), Ltd
B P (India) Ltd
Brady & Co, Ltd, W H
Breul & Co
Britannia Biscuit Co, Ltd
British Drug Houses (India) Ltd
British Insulated Callender s Cables Ltd
British Metal Corporation (India), Ltd
British Overseas Airways Corporation
Bunge & Co Ltd
Burmah Shell Oil Storage & Distributing Co of India, Ltd
Burmah Shell Refineries Ltd
Burroughs Welcome & Co (India), Ltd
Byramji & Co, T
Cadbury Fry (Export), Ltd
Caltex (India), Ltd
Card Clothing & Belting Ltd
Carr & Co Ltd
Cement Marketing Co of India Ltd
Central Agency, Ltd
Central Railway
Central Trading Co
Chartered Bank of India, Australia & China
Chaturbhuj Bhaichandbhai & Co
Chinoy & Co, Ltd, F M
Chunilal Mehta & Co, Ltd
Ciba Dyes, Ltd
Ciba Pharma Ltd
Commercial Union Assurance Co Ltd
Comptoir National D I scompte De Paris
Corn Products Co (India), Ltd
Courtaulds (India) Ltd
Cox & Co, Ltd, H S
Cox & Kings (Agents) Ltd
Craigie, Blunt & Caroe
Crawford, Bayley & Co
Crompton Parkinson (Works) Ltd
Crookes Laboratories Ltd
Crown Life Insurance Co
Currimjee Jeewanji & Co
Dalmukar & Co Ltd M I
Daulatram Nandlal
David Sassoon & Co, Ltd
Deeth & Co Ltd W H
Dhanraj Mills Ltd
Dodsal Limited
Drennan & Co
Duncan Stratton & Co, Ltd
Dundas (Eastern), Ltd R K
Dunlop Rubber Co (India) Ltd
Eagle Star Insurance Co, Ltd
East Asiatic Co (India), Ltd
Eastern Bank Ltd
Eastern Chemical Co (India)
Edgar Handley & Co Ltd
Elephant Oil Mills Ltd
Eli Lilly & Co of India Inc
Elof Ransson Agency Ltd
Empire of India Life Assurance Co, Ltd
English Card Clothing Co, Ltd
English Electric Co, Ltd
Evans Medical Supplies (India), Ltd
Eve Fabrics Ltd
Fairdeal Corporation, Ltd
Federation of British Industries
Ferguson & Co, A F
Firestone Tyre & Rubber Co of India, Ltd
Fleming Shaw & Co, Ltd
Forbes Forbes Campbell & Co, Ltd
Ford Motor Co of India, Ltd
Ford Rhodes Parks & Co
French Dyes & Chemicals (India) Ltd
French Motor Car Co, Ltd
Gannon Dunkerley & Co, Ltd
General Accident Fire & Life Assurance Corp Ltd
General Electric Co of India, Ltd
General Motors (India), Ltd
General Radio & Appliances Ltd
Geoffrey Manners & Co Ltd
George Wills & Sons (India), Ltd
Getz Brothers & Co
Gill & Co, Ltd
Gillanders Arbuthnot & Co, Ltd
Glaxo Laboratories (India), Ltd
Glenfield & Kennedy, Ltd
Godfrey Phillips (India), Ltd
Gokal & Co, Ltd J V
Golden Tobacco Co
Goodlass Wall Ltd
Grahams Trading Co (India), Ltd
Gramophone Co, Ltd
Greaves Cotton & Co, Ltd
Gresham Life Assurance Society, Ltd
Grindlay's Bank Ltd
Guest, Keen Williams, Ltd
Gulf Oil (India), Ltd
Gurdial Naraindas & Co
Haji Hasan Dada
Hardcastle Waud & Co, Ltd
Harold F Ritchie (India), Ltd
Heatly & Gresham, Ltd
Henley's Telegraph Works Co, Ltd, W T
Herbertsons, Ltd
Hill Elliott & Co, Ltd
Hill, Son & Dinshaw Ltd
Hind Mills Ltd
Hind Trading Co

Hindustan Vanaspati Manufacturing Co , Ltd
Hoare Miller & Co , Ltd
Hollerith (India), Ltd
Hongkong & Shanghai Banking Corporation
Imperial Bank of India
Imperial Chemical Industries (India), Ltd (Chemicals & Dyes)
Imperial Tobacco Co of India, Ltd
India Tyre & Rubber Co (India), Ltd
Indian Casablancas High Draft Co , Ltd
Indian Oxygen and Acetylene Co , Ltd
Indian Textile Engineers, Ltd
Indokem Ltd
International General Electric Co (India), Ltd
James Finlay & Co , Ltd
Jayant Trading Co
Jeena & Co
John Fleming & Co , Ltd
John F Hardakar (India), Ltd
Johnson & Johnson (Gt Britain) Ltd
Johnson & Phillips Ltd
Jost s Engineering Co , Ltd
Kapadia Trading Co
Kemp & Co Ltd
Kerr & Co , Ltd , F S
Keymer & Co , Ltd , D J
Khatau Vallabhdas & Co
Kilachand Devchand & Co , Ltd
Killick Industries, Ltd
Killick, Nixon & Co , Ltd
Kinematograph Renters Society of India, Burma & Ceylon, Ltd
Kishinchand Chellaram
Kodak Ltd
Kores (India), Ltd
Lakshmiratan Engineering Works, Ltd
Larsen & Toubro, Ltd
Latham Abercrombie & Co , Ltd
Lederle Laboratories (India) Ltd
Lever Brothers (India), Ltd
Lewis & Jones
Lionel Edwards, Ltd
Lipton Ltd
Little & Co
Lloyds Bank Limited
London & Lancashire Insurance Co , Ltd
Louis, Dreyfus & Co , Ltd
Mackinnon Mackenzie & Co , Ltd
Macmillan & Co , Ltd
Mafatlal Gagalbhai & Co , Ltd
Manilal Patel & Co
Mansetta & Brothers N
Mappin & Webb (India), Ltd
Marshall Sons & Co (India), Ltd
Martin, Burn, Ltd
Martin & Harris Ltd
May & Baker (India), Ltd
Mazagon Dock Ltd
McKenzies Ltd
Mehta & Co , H M
Mercantile Bank of India, Ltd
Metal Box Co of India, Ltd
Metcalfe & Hodgkinson Ltd
Millar s Timber & Trading Co , Ltd
Monsanto Chemicals of India, Ltd
Mooljee Jaitha & Co
Morrison, Son & Jones (India), Ltd , J L
Mousell & Co , Ltd
Muller & Phipps (India), Ltd
Mullick & Co , M A
Musry Ltd , G N
Narandas Rajaram & Co , Ltd
Nariman Brothers, H D
National Bank of India Ltd
Nationale Handels Bank, N V
National Transport Co
Nelson Trading Corporation Ltd
Netherlands Trading Society
New India Assurance Co , Ltd
New Zealand Insurance Co , Ltd
Norwich Union Life Insurance Society
Nowrojee Ardaseer & Sons
Oomedchand Kashiram & Co
Orient Longmans Ltd
Oriental Government Security Life Assurance Co , Ltd
Ormerods (India), Ltd
Osler (India) Ltd , F & C
Oxford University Press
Parke Davis & Co , Ltd
Parry & Co , Ltd
Patel Cotton Co , Ltd
Pavri, J K
Pavri Sons & Co
Pearl Assurance Co , Ltd
Phipson & Co , Ltd
Pilkington Brothers, Ltd
Pinchin Johnson & Associates Ltd
Polson Limited
Poona Electric Supply Co , Ltd
Pragdas Mathuradas (Bombay), Ltd
Pravinkant Keshavlal & Co
Premchand Roychand & Sons, Ltd
Purdie & Co
Rack & Co , Ltd F
Rallis India Ltd
Ramdas Khimji Brothers
Remington Rand, Inc
Richardson & Cruddas Ltd
Roberts, McLean & Co , Ltd
Royal Insurance Co , Ltd
Sales Products Overseas, Ltd
Sandoz Products, Ltd
Sankey Electrical Stampings Ltd
Sapt Textile Products (India), Ltd
Scottish Union and National Insurance Co
Sepulchre Brothers (India), Ltd
Sethna & Leburaux
Seymour & Co (India), Ltd , L D
Sharp & Tannan
Shaw Wallace & Co , Ltd
Shiavax C Cambatta & Co , Ltd
Shuttleworth & Brett
Singer Sewing Machine Co
Sizing Materials Co , Ltd
S K F Ball Bearing Co , Ltd
Society of Motor Manufacturers and Traders Ltd
Sorabji Nowroji & Co
South British Insurance Co , Ltd
Spencer & Co , Ltd
Standard Vacuum Oil Co
Standard Vacuum Refining Co of India, Ltd
Steel Bros & Co , Ltd
Stewarts & Lloyds of India, Ltd
Stone & Co (India), Ltd , J
Stronach & Co (India), Ltd , L A
Sun Life Assurance Co of Canada
Suren & Co , Ltd , W T
Tata Hydro Electric Power Supply Co , Ltd
Tata Iron & Steel Co , Ltd
Tata Sons, Ltd
Thos Cook & Son (Continental & Overseas), Ltd
Trading Co Late Hegt & Co , Ltd
Trans World Airlines, Inc
Triton Insurance Co , Ltd
Tulsidas Khimji
Turner Hoare & Co Ltd
Turner, Morrison & Co , Ltd
United Liner Agencies of India, Ltd
United Steel Companies (India), Ltd
United Traders Ltd
Van Reekum Gepacy Paper, Ltd
Vasanjee Jaipee & Sons
Vissanji Sons & Co , Ltd
Volkart Brothers
Vulcan Trading Co , Ltd
Wakefield & Co Ltd C C
Wallace & Co
Western India Match Co , Ltd
Western Railway
Westrex Co India
William Jacks & Co Ltd
Williamsons (India) Ltd
Wilson Brothers Bobbin Co , Ltd
Yorkshire Insurance Co Ltd

ASSOCIATE MEMBERS

Abdulcar Ltd I A
Ahmed Oomerbhoy
Ahmedabad Electricity Co Ltd
Alfred Herbert (India), Ltd
Bakelite (India), Ltd
Baldota Bros
Bashimal Tirathram
Bharat Tiles and Marbles Ltd
Bharat Trading Co
Bombay Cotton Ltd
Bombay Paper Marketing Co
British Paints (India) Ltd
Budroodin Mahomedally & Sons
Capco, Ltd
Cobie Ltd
Central Dyes & Chemicals Co
Chloride & Exide Batteries (Eastern), Ltd

Chowgule & Co (Hind), Ltd
Consolidated Pneumatic Tool Co, Ltd
Devidayal (Sales), Ltd
Dodge & Seymour (India), Ltd
Durgaprasad Ramcharan, Ltd
Edward Textiles, Ltd
Evans Fraser & Co (India), Ltd
Fine Dyestuffs & Chemicals (India), Ltd
Gestetner Duplicators, Ltd
Giovanni Bari
Gokaldas & Sons
Gopinath Changamull
Goveas (India) Ltd
Gulamhusein Ahmedally & Co, Ltd
Haji Aziz & Abdul Shakoor Bros
Hardcore & Co, J
I B M World Trade Corpn
Indian Industries Palace
India United Mills, Ltd
James Mackintosh & Co, Ltd
Josef Blum Ltd
Jostle Trading Corporation, Ltd
Karanjia Bros Ltd
Kidarnath Kishan Chand
Kilburn & Co Ltd
Kishinchand & Co (India)
Klimt & Hon Ltd
K L M – Royal Dutch Airlines
Laxmi Construction & Trading Co, Ltd, The
Lee & Muirhead (India) Ltd
Lloyd Triestino S P A N
Machine Tools (India) Ltd
Madhowji Thackersey Sons & Co
Manubhai Sons & Co
McNeil J (Tech Rep The Mond Nickel Co, Ltd)
Mohanlal Motilal
Motor & General Stores Supplying Co
National Carbon Co (India), Ltd
Natwarlal Shivnaldas & Co
Noble Paint & Varnish Co, Ltd
Norinco Ltd
Parmanand Mancklal & Co
Popatlal Ghelabhai & Co
Premji Haridas & Co
Protos Engineering Co, Ltd
Rajnikant & Co
Shah Narotamdas Harjivandas Co
Shah Trikamdas Damji
Shantilal Karamshi Somaiya
Sharda Electric & Radio Co, Ltd
Shroff & Co
Takandas H Kataria
Tapuriah & Sons, Ltd
Textile Export Ltd
Thos W Ward (India) Ltd
Tractor and Allied Equipment Manufacturers & Importers Association Ltd
Trade Wings, Ltd
Typhoon Blower Co
Underwriters, Ltd
Vijaysinh Virchand
Westinghouse Trading Co (Asia) Ltd
Williams G & Co Ltd

HONORARY MEMBERS

The Australian Government Trade Commissioner at Bombay
The Canadian Government Trade Commissioner for India, Burma & Ceylon
The Commercial Attache to the French Embassy
The Commercial Secretary Royal Netherlands Embassy
The Consul for Italy
The Consul General for Belgium
The New Zealand Government Trade Commissioner
The Royal Danish Legation
The Swiss Trade Commissioner
U K Trade Commissioner at Bombay
The Consul General for the Federal Republic of Germany

GENERAL COMMITTEE—F I C Gwilt (*President*), R I Coghlan (*Vice President*) K C Bakhle A Kirkwood Brown A J Hostyns Abrahall A A Jasdenwala W Jenkins, H C MacColl L Parker R H Schuepp N M Wagle, Pratapsinh Mathuradas A D Wenzel L A Boult (*Secretary*)

AFRICA AND OVERSEAS MERCHANTS' CHAMBER

31, Peoples Building, Phirozshah Mehta Road, Bombay 1

OBJECTS —An influential body of exporters and importers trading with all foreign countries, to protect the interests of traders and develop India's foreign trade, to take an interest in the well being of Indians overseas

Secretary Mohanlal V Rupani

EAST INDIA CHAMBER OF COMMERCE LIMITED

Patwa Chawl, Sheikh Memon Street, Bombay-2

OBJECT —To conduct a market under the auspices of the Chamber, wherein the members can do business in oilseeds, wheat and other grains, sugar, metals, spices, jute, hessian, gunny bags, oils, yarn, artificial yarn and in hundi, chithi sarafi and other banking business It has a membership of 500

Board of Directors —President, Shivlal Narpatlal Maniar, *Vice-President*, Champaklal Jamnadas Shah, *Hon Secretary*, Jayantilal Chunilal Shah, *Jt Hon Secretary*, Jayantilal Nanchand Shah, *Treasurers*, Narandas Navalchand Doshi and Jivanlal Amulakh. *Directors*, Balchand Ishwarlal Vora, Shantilal Sukhlal Kamdar, Amarchand Kilachand Mehta, Jayashanker Mulshanker Joshi, Shivdattrai Baldevdas Pilani, Kikabhai Ratanchand, Chimanlal Chandrabhan Kothari, Vardhilal Vamalshi, Ratilal Premchand, Kantilal Nagardas Shah, Radhakishan Bagarka, Jivatlal Harjivandas Shah, Manilal Lavjibhai Shah, Amulakh Jhunjhabhai Kamdar, Sitaram Shivbhagwan Devda *Manager*, Ambalal Kalidas Dave

INDIAN MERCHANTS' CHAMBER

Lalji Naranji Memorial, Indian Merchants' Chamber Building, Back Bay Reclamation, Vir Nariman Street, Bombay 1

Its objects are —to promote the objects of the Indian business community in matters of inland and foreign trade shipping and transport, industry and manufacture banking and insurance, to collect and disseminate statistical and other information securing the promotion of the objects of the Chamber, and to make efforts for the spread of commercial and economic knowledge to take all steps which may be necessary for promoting supporting or opposing legislation or other action affecting the aforesaid interests by the Government or any Department thereof or by any local body or bodies, and in general to take the initiative to secure the welfare of the business community in all respects to make representations to Local, or Central authorities, Executive or Legislative, on any matter affecting trade, commerce, manufacture or shipping banking or insurance to undertake special enquiries and action for securing redress for legitimate grievances of any branch of trade or industry as also all such other action as may be conducive to the extension of trade, commerce or manufacture or incidental to the attainment of the above objects

The Chamber has a membership of over 2,731 About 125 Commercial and Trade Associations representing various trades such as rice, grain and seeds, iron, match bullion, indigenous banking insurance cotton, etc, in the city and State of Bombay are affiliated to the Chamber

The Chamber is directly represented on several public bodies Corporation, the Bombay Port Trust, the Indian Central Cotton Committee, Indian Coconut Committee, the Advisory Committees of the Western and Central Railways, Advisory Committee of the Institute of Science, the Bombay Development Department, the Bombay Traffic Advisory Committee, the Board of Communications, the Indian Sailors Home Committee, the Senate of the Bombay University, Advisory Committee under the Trade Marks Act, Advisory Boards of the Sydenham College of Commerce and Economics and Podar College of Commerce, the Governing Body of the I M M T S Dufferin" Commercial Panel of the Railway Rates Advisory Committee, and the State Transport Authority

President —Ambalal Kilachand
Vice President —Chimanlal B Parikh
Secretary —A C Ramalingam
Asstt Secretary —C L Gheewala

ASSOCIATION MEMBERS

Africa & Overseas Merchants Chamber
Ahmedabad Chemical Merchants Association
Ahmedabad Cotton Exchange Association Ltd
Ahmedabad Cotton Merchants Association
Ahmedabad Cotton Waste Merchants Association
Ahmedabad Grain Merchants Association
Ahmedabad Mill & Gin Stores Merchants Association
Ahmedabad Share & Stock Brokers Association
All India Bichromate Manufacturers Association
All India Bobbins Manufacturers Association
All India Federation of Powerloom Associations
All India Non Ferrous Metalware Manufacturers Association
All India Plastics Manufacturers Association
All India Radio Merchants Association
All India Starch Manufacturers Association
Association of Electrical Undertakings, Bombay State
Association of Indian Importers of Dyestuffs
Association of Merchants & Manufacturers of Textile Stores & Machinery (India)

Bombay Arms & Ammunition Dealers' Association
Bombay Camphor Merchants Association
Bombay Clove Merchants Association Ltd
Bombay Cotton Merchants & Muccadams Association Ltd

Bombay Country Fancy & Grey Piecegoods Merchants' Association
Bombay Custom House Clearing Agents Association
Bombay Cutlery, Toys, Glass beads & Sundry Merchants' Association
Bombay Cutpiece & Piecegoods Merchants' Association
Bombay Cycle Merchants Association
Bombay Diamond Merchants' Association
Bombay Glassware Merchants' Association
Bombay Grain Dealers' Association
Bombay Hardware Merchants' Association
Bombay Hessian & Gunny Merchants' Association Ltd
Bombay Hosiery Merchants' Association
Bombay Iron Merchants' Association
Bombay Kariana Colour & Chemical Merchants Association
Bombay Kharek Bazar & Mowa Merchants Association
Bombay Marble & Tile Merchants Association
Bombay Metal Dealers' Association Ltd
Bombay Motor Merchants' Association Ltd
Bombay Mudi Bazar Kariana Merchants Association
Bombay Oil Merchants' Association
Bombay Oilseeds Exchange Ltd
Bombay Paint Merchants Association
Bombay Piecegoods Merchants Association
Bombay Pipes & Fittings Merchants Association
Bombay Presidency Printers' & Lithographers Association
Bombay Press Owners Association
Bombay Provision Merchants Association
Bombay Rice Merchants Association
Bombay Sanitaryware Association
Bombay Salt Merchants' & Shilotries Association
Bombay Secondhand Clothing Importers Association
Bombay Shroff Association Ltd
Bombay Stationers Association
Bombay Stevedores' Association
Bombay Sugar Merchants Association, Ltd
Bombay Swadeshi Market Board
Bombay Tea Merchants Association
Bombay Umbrella Manufacturing Merchants Association
Bombay Vegetable Product Merchants Association
Bombay Watch Dealers Syndicate
Bombay Watch Material Merchants Association
Bombay Wool Merchants Association
Bombay Yarn Exchange, Ltd
Bombay Woollen Dealers Corporation (Woollen Piecegoods)
Builders Association of India

Chamber of Income tax Consultants
Chemists & Druggists Association
Cinematograph Exhibitors Association of India
Cinematographic Importers Association
Cotton Buyers Association
Deccan Sugar Factories Association
Dyestuffs Manufacturers Association of India
East India Chamber of Commerce, Ltd
Electric Merchants Association
Engineering Association of India (Bombay Presidency Branch)
Federation of Bombay Clothes Manufacturers Associations
Federation of Bombay Retail Cloth Dealers Association
Forest Contractors Association
Grain & Oilseeds Merchants' Association
Hindustani Merchants & Commission Agents Association, Ltd
Hooshami Old Iron Merchants Association
Hotel & Restaurant Association of Bombay Region
Indian Countrycraft Association, Ltd
Indian Chemical Manufacturers' Association (Bombay Presidency Branch)
Indian Grain Dealers' Federation
Indian Insurance Companies' Association
Indian Motion Picture Distributors Association
Indian Motion Picture Producers Association
Indian National Steamship Owners Association
Indian Railways Caterers Association
Indian Roads & Transport Development Association, Ltd
Indian Rubber Industries Association
Indian Stock Exchange, Ltd
Jhaveri Mahajan Motino Dharamno Kanto
Kariana Brokers' & Commission Agents Association
Karnatak Chamber of Commerce, Hubli
Karnatak Oil Mill Owners Association
Leather Goods Manufacturers' & Dealers' Association
Maharatta Chamber of Commerce & Industries
Memon Chamber of Commerce
Merchants Association
Metal Exchange Association, Ltd
Metal Traders Association, Ltd
Mill Gin Store Merchants' Association
Nadiad Tobacco Merchants' Association
Oil Merchants' Chamber
Paper Traders Association
Pepper & Ginger Merchants Association, Ltd
Powerloom Industries Association
Raw Silk Merchants Association
Refrigeration & Air Conditioning Trades' Association, Ltd
Sales tax Practitioners' Association
Scientific & Surgical Traders' Association
Shree Market Silk Merchants' Association
Silk & Art Silk Mills' Association, Ltd
Silk Merchants' Association
Surat Chamber of Commerce
Thana District Grain & Kirana Merchants' Association
Watch Importers Association, Ltd
Western India Automobile Association
Western India Sheet Rollers' Association
Yarn Merchants Association, Ltd

MAHARASHTRA CHAMBER OF COMMERCE

Industrial Assurance Building, Churchgate, Bombay 1

Maharashtra Chamber of Commerce, Bombay was established in 1927 with the object of establishing friendly relations amongst the commercial community of Maharashtra, safeguarding their interests, collecting financial, industrial and trade statistics and disseminating information thereof amongst members of the Chamber

Membership of the Chamber is open to all carrying on trade, commerce and industry in the Maharashtra area in Bombay State irrespective of caste, creed or community

The Chamber holds conferences from time to time to focus attention of the commercial community on matters affecting trade, commerce and industry and on questions relating to the economic development of the country in general and of Maharashtra in particular Seven such conferences have been held so far at various commercial centres in Maharashtra under the Chamber s auspices

The Chamber is affiliated to the Federation of Indian Chambers of Commerce and Industry, New Delhi, Indian National Committee of the International Chamber of Commerce, and is a member of the Indian Standards Institute and of the Indian Council of World Affairs

The Chamber issues a monthly magazine *Vaibhav* and distributes it free of cost to its members

Publications Directory of Indian Manufacturers and Handbook of Commercial Information (Published both in Marathi 1934 and English 1935)

Membership Chamber has over 600 members spread over throughout the territory it serves

Number of Joint Stock Companies over 115

Number of Commercial Associations over 20 (having amongst them more than 1,000 members)

Office-Bearers

President —K H Kabbur
Vice Presidents —K H Dhamdhere B D Gaiware P S Lahoti
Secretary —D V Kelkar

MEMON CHAMBER OF COMMERCE

Patharia Palace, Mohamedali Road, Bombay 3

The Chamber was established in 1929 with a view to promote and protect the interests, rights and privileges of Indian merchants in general and of members of this Chamber in particular, in matters of inland and foreign trade, transport, industry, manufacture, banking, insurance and shipping The Chamber acts as mediator and arbitrator in disputes arising out of commercial transactions and considers ways and means of removing difficulties pertaining to trade and commerce of the commercial community in a lawful and constitutional manner The present membership of the Chamber is 100

President — H H Ismail, J P, Hon Consul-General for Dominica
Vice President —Musa T Memon, Advocate
Hon Secretary —Sattar Abdul Latif
Jt Hon Secretary —Aboobakar Musa Mahuvawala
Secretary —Ismail Ahmed Mottiwala

WESTERN INDIA CHAMBER OF COMMERCE, LTD

232-234, Kalbadevi Road, Bombay

The objects for which the Chamber is established are —
To promote and protect the interests of merchants carrying on business in Bombay, specially in wheat and oilseeds, including linseed and groundnut, and in Hundi, Chithi and other Banking business, to regulate their methods of doing business and remove all causes of friction between such merchants *inter se* and between them and their constituents To consider all questions relating to the rights and privileges of Indian merchants and especially merchants dealing in the aforesaid commodities, and to consider ways and means for removing all difficulties arising in their way in a lawful and constitutional manner, and if necessary for the said purposes, to carry on correspondence with the Indian Government, or any Local Government and with railway authorities Telegraph and Post Offices, Banks and private Companies and any private or public associations, the Port Trust and Municipality

President —Begraj Gupta
Vice President —Bhawanidas Binani
Secretary —Asharam Dube

HOLIDAYS UNDER CHARTER PARTIES IN BOMBAY

For the Year 1954

As empowered by the Resolution passed at a General Meeting of the Bombay Chamber of Commerce held on 22nd July 1881 the Committee of the Chamber hereby informs the public that the following days have been fixed by them to be holidays under Charter Parties for the year 1954 —

Indian Republic Day	26th January	Tuesday
Maha Shivaratri	3rd March	Wednesday
Holi (2nd Day)	20th March	Saturday
Good Friday	16th April	Friday
May Day	1st May	Saturday
Ramzan Id	3rd June	Thursday
Bakri Id	10th August	Tuesday
Cocoanut Day	14th August	Saturday
Gokul Ashtami	21st August	Saturday
Muharram	8th September	Wednesday
Divali (2nd Day)	27th October	Wednesday
Christmas Day	25th December	Saturday

HOLIDAYS IN 1954 IN BOMBAY

No P 13 Under Section 25 of the Negotiable Instruments Act 1881 (XXVI of 1881), read with the Notification of the Government of India Home Department No 228 37 dated the 1st April 1938 the Government of Bombay is pleased to declare the following days to be public holidays during the year 1954, in addition to the New Years Day (1st January) Good Friday (16th April) and Christmas Day (25th December) which are already notified as holidays under the above section —

Indian Republic Day	26th January	Tuesday
Maha Shivaratri	3rd March	Wednesday
Holi (2nd Day)	20th March	Saturday
Mahavir Jayanti	16th April	Friday
Ramzan Id (Id ul Fitr)	4th June	Thursday
Bakri Id (Id ul Azha)	10th August	Tuesday
Cocoanut Day	14th August	Saturday
Gokul Ashtami	21st August	Saturday
Ganesh Chaturthi and Samvatsari	1st September	Wednesday
Parsi New Year	2nd September	Thursday
Khordad Sal	7th September	Tuesday
Muharram	8th September	Wednesday
Mahatma Gandhi's Birth Day	2nd October	Saturday
Dassera	7th October	Thursday
Diwali (2 Days) (Diwali and New Year Day)	26th and 27th October	Tuesday & Wednesday
Id e Milad	9th November	Tuesday

Notes (1) No days have been notified as holidays on account of Jamshedji Navroz (21st March) Ramnavmi (11th April) and Independence Day (15th August) as these holidays fall on Sundays

(2) If any of the Muslim holidays notified above does not fall on the day notified, the Muslim servants of Government may be granted a Sectional holiday on the day on which the holiday is actually observed

SECTIONAL HOLIDAYS 1954

The following are the Hindu Parsi Muslim Jewish Jain and Sikh Holidays recognized by Government for the year 1954 in addition to those notified under the Negotiable Instruments Act, 1881 (XXVI of 1881) as —

Hindu

Diwali 1st day (Narak Chaturdashi or Kali Chaudas)	25th October	Monday

Parsi (Shahenshahi)

Zarthost no Diso	9th June	Wednesday
Gatha Gahambars (Gatha III)	30th August	Monday
Parsi New Years Eve (Gatha V)	1st September	Wednesday

Parsi (Kadmi)

Zarthost no Diso	9th June	Wednesday
Gatha Gahambars (Gatha III)	31st July	Saturday
New Years Eve	2nd August	Monday
New Year	3rd August	Tuesday

Muslim (Sunni)

Shabe e Barat	19th April	Monday
Ramzan Id (Id ul Fitr)	4th June	Friday
Muharram	7th September	Tuesday

Muslim (Shiah)

Shahdat e Hazrat Ali	25th May	Tuesday
Ramzan Id (Id ul Fitr)	4th June	Friday
Muharram	7th September	Tuesday
Shahdat e Imam Hasan	26th October	Tuesday

Jewish

Shabbath	7th June	Monday
Rosh Hoshana (1st day)	28th September	Tuesday
Eve of Kippur	6th October	Wednesday
Kippur	7th October	Thursday
Sukhoth (1st day)	20th October	Wednesday

Jain

Shravan Vad 13	26th August	Thursday
Shravan Vad 30	28th August	Saturday
Pajushan Bhadarva Sud 5	2nd September	Thursday
Kartika Sud 15	10th November	Wednesday

Hindus from Sind

Birthday of Shri Guru Nanak Devji	10th November	Wednesday

Sikh

Birthday of Shri Guru Govind Singh	11th January	Monday
Death Anniversary of Martyr Guru Arjun Devji	4th June	Friday
Birthday of Shri Guru Nanak Devji	10th November	Wednesday

Christian

Christmas	27th December	Monday

Notes (1) No days have been notified as holidays on account of Hindu Gudhi Padwa (4th April) Jain—Chaitra Sud 15 (18th April) Parsi (Kadmi)—Khordad Sal (8th August), Jewish—Pesach (1st day) (18th April), Thishabeab (8th August) and Muslim (Shiah)—Id e Moulad (14th November) as these holidays fall on Sundays

(2) If any of the Muslim Sectional holidays (both Sunni and Shiah) notified above does not fall on the day notified, the Muslim servants of Government (Sunni or Shiah as the case may be) may be granted a Sectional holiday in lieu of holiday on the day notified

(3) The Heads of Offices have discretion to permit any person serving under them to substitute for one of those authorised Sectional holidays any other holiday observed by the Community to which such servant belongs

BANKS and BANKERS

ALLAHABAD BANK, LTD

(Established 1865)

Affiliated to the Chartered Bank of India Australia and China

AUTHORISED CAPITAL	Rs	1,00,00,000
ISSUED CAPITAL	Rs	60 00,000
PAID UP CAPITAL	Rs	45,50,000
RESERVE FUND	Rs	1 08,00 000

LONDON CORRESPONDENTS —Chartered Bank of India, Australia and China

HEAD OFFICE —Calcutta

BOMBAY OFFICES

Allahabad Bank Building 35 39 Apollo Street Agent—E Ferguson Accountant—N S Chakravarti Asstt Accountants—A Lobo P S Krishnan and R I Lewis Tel Address Allah Phone for Office No 25546 for Agent No 25835 P O Box No 282

BOMBAY CITY (Kalbadevi)

Western India Chamber of Commerce Building, 232 34, Kalbadevi Road Agent—S G Mathker Asstt Agent—G K Phadke Tel Address Allacity Phone No 31204

BRANCHES

Agra Agra—Johri Bazar Ahmedabad Akola, Aligarh Allahabad Allahabad City Ambala Cantt Amritsar Banaras Bareilly, Bareilly City, Bidar Bhagalpur, Bombay Bombay City (Kalbadevi) Calcutta, Calcutta—Burra Bazar Shambazar, South Calcutta, Chandausi Dehra Dun Delhi Deoria Etawah Ghaziabad Ghaziabad Ghazipur Gorakhpur, Hapur Hardoi Hathras, Jabalpur Jabalpur City Jhansi Jullundur City Kanpur Kanpur City Lahore Lucknow Lucknow—Aminabad Park Lucknow City Ludhiana, Lyallpur Mathura Meerut Mirzapur Modinagar Moradabad Moradabad City Mussoorie Muzaffarnagar Nagpur Nagpur City Naini Tal New Delhi Orai Patna Patna City Patna University, Rae Barch, Raipur Rajnandgaon Satna, Shahjahanpur and Sitapur

PAY OFFICES

Auraiya Banda Barhaj Bindki Buxar Chanda Durg Fatehpur Gorakhpur City Kalpi Kosi Kalan Mahoba Siswa Bazar and Shahjahanpur City

CODE USED —Bentley's Complete Phrase Code

Bentley's Second Phrase Code

CORRESPONDENTS—In all the Principal Towns throughout India

THE AMERICAN EXPRESS COMPANY, INC

(Incorporated in the U S A Liability of the Members being Limited) Oriental Building 364 Hornby Road Fort Bankers and Travel Agents HEAD OFFICE —65 Broadway, New York LONDON OFFICE —6, Haymarket Affiliated with the American Express Co Branches of the American Express Company, Inc, are established in all the principal cities throughout the world

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BANCO NACIONAL ULTRAMARINO

(Established 1864)

(Incorporated in Portugal with Limited Liability)

HEAD OFFICE—Lisbon

BOMBAY OFFICE—10, Churchgate Street, Fort

CAPITAL PAID-UP Esc	40,000,000
RESERVE FUND Esc	120,149,249 $ 58

MANAGER—A A T Machado

70 Branches scattered in all five Continents

CODES USED IN BOMBAY OFFICE—A B C 6th Ed, Bentley's, Guedes Lieber's, Peterson's 1st, 2nd and 3rd Ed and Private

TELEGRAPHIC ADDRESS—In Bombay—"Ultranacio" In all other places— Colonial"

BANK OF BARODA, LIMITED

Apollo Street Bombay CAPITAL AUTHORISED Rs 2 40 00,000, CAPITAL ISSUED and SUBSCRIBED Rs 2 00 00 000 CAPITAL CALLED and PAID UP Rs 1,00,00 000, RESERVE FUND Rs 1,28 00 000 HEAD OFFICE — Baroda General Manager—Mathew S D Souza BRANCHES and PAY OFFICES —Ahmedabad (Bhadra), Ahmedabad (Lunch Kuva) Amreli, Amritsar Bangalore Baroda (Sayaji Ganj) Bhavnagar Billimora, Bombay (Fort Zaveri Bazar, Mandvi and Bombay Bullion Hall) Calcutta (Netaji Subhas Road Burra Bazar and Cross Street) Cambay Coimbatore Dabhoi Delhi, Dhulia (West Khandesh) Dwarka Hariji (N G) Hyderabad (Dn) Jalgaon (East Khandesh) Jamnagar, Kadi, Kalol (N G) Kanpur Kapadwanj Karjan Lucknow Madras Mehsana Mithapur Navsari Navsari Station Road New Delhi Patan, Pachora (East Khandesh—Pay Office) Petlad, Poona City Poona Camp Port Okha Rajkot Sankheda Sidhpur Surat Surendranagar (Wadhwan Camp), Unjha (N G) Veraval, Vijapur, Visnagar (N G) Vyara

OVERSEAS BRANCHES —Mombasa, Kampala and Nairobi (Br East Africa)

Agents at important foreign centres

THE BANK OF BIKANER LIMITED

(Incorporated in Bikaner Members Liability Limited)

TREASURERS TO THE GOVERNMENT OF RAJASTHAN

Authorised Capital	**Rs**	**2,00,00,000**
Subscribed Capital	**Rs**	**1,00,00,000**
Paid-up Capital	**Rs**	**50,00,000**
Reserve Fund	**Rs**	**14,00,000**
Deposits Exceed	**Rs**	**11,00,00,000**

51 Branches

Agra Ahmedabad Bahadur Balotra Barmer Baroda Bhatinda Bikaner Bikaner City Bikaner Kote Gate Bombay Fort Bombay Zaveri Bazar Calcutta Churu Coimbatore Dabwali Delhi Dungargarh Ganganagar Gangapur City Gangashahr Indore Jaipur Jaisalmer Jalore Jhunjhunu Jodhpur City Jodhpur Jalori Gate Kanpur Karanpur Ludhiana Loharu Madras Merta City Muzaffarnagar Nagaur Nawalgarh Nohar Pali Marwar Panna (Vindhya Pradesh) Patna Phalodi Raisinghnagar Ratangarh Sadulgarh (P O Hanumangarh) Sadulpur Sangaria Sardarshahr Secunderabad (Hyderabad State) Sikar, Sujangarh

Safe Deposit Lockers are available at most of the Branches

Inland and Foreign Letters of Credit arranged

Banking Business of Every Description Undertaken

BANK OF CHINA

(Incorporated in China—Liability of Members Limited)

HEAD OFFICE

Peking, China

BRANCHES AND CORRESPONDENTS

All over China

OVERSEAS OFFICES

London, Singapore, Penang, Kuala Lumpur, Surabaya, Djakarta, Medan, Hongkong etc

India—Pakistan—Burma area

CONTROLLING OFFICE, CALCUTTA —15 Brabourne Road

BOMBAY OFFICE —Warden House, Sir Phirozshah Mehta Road

KARACHI OFFICE —Oriental Building, McLeod Road

CHITTAGONG OFFICE —Sadarghat Road

RANGOON OFFICE —55, Phayre Street

RANGOON SUB OFFICE —55, Latter Street

BANK OF INDIA, LIMITED

REGISTERED UNDER THE INDIAN COMPANIES ACT VI OF 1882
(Established 7th September, 1906)

Registered Office—Mahatma Gandhi Road, Fort, Bombay

Foreign Branches:—**Aden, Jinja, Kampala, Karachi, London, Mombasa, Nairobi, Osaka, Singapore, Tokyo**

Branches in India—

BOMBAY—Andheri, Bandra, Bullion Exchange, Colaba, Kalbadevi, Malabar Hill

AHMEDABAD—Bhadra (Main Office), Ellis Bridge, Gandhi Road, Manek Chowk, Station Branch

CALCUTTA—28 B, Netaji Subhas Road (Main Office), Bara Bazar, Chowringhee Square

Other Branches—Amritsar, Bhuj (Kutch), Coimbatore, Gandhidham (Kutch), Hyderabad (Deccan) Jamshedpur Junagadh, Kozhikode (formerly Calicut), Madras, Nagpur, Nagpur City, New Delhi Palanpur Poona, Poona City, Rajkot, Sholapur Surat, Veraval

CAPITAL SUBSCRIBED	Rs	5,00,00,000
CAPITAL PAID UP	,,	2,50,00,000
RESERVE FUND	,,	3 52,00,000

Directors—Sir Cowasjee Jehangir, Baronet, GBE, KCIE (*Chairman*) Ambalal Sarabhai, Sir Joseph Kay, KBE, Dinsha K Daji, Ramniwas Ramnarain Bhagvandas Chunilal Mehta, Krishnaraj M D Thackersey and V D Shroff *General Manager*—A C Clarke, *Assistant General Managers*—D R Thom, R W Hoe, S J Rustomji, *Chief Accountant*—H F Coultas *Chief Shroff*—B M Daruwalla, *Inspectors*—S R Bhise, R S Balsekar

Agents—In all the principal countries of the world

BANK OF JAIPUR, LTD

(INCORPORATED IN JAIPUR, LIABILITY OF MEMBERS LIMITED)
HEAD OFFICE—Jaipur CAPITAL—AUTHORISED Rs 2,00,00,000, ISSUED & SUBSCRIBED Rs 1,00,00,000, PAID UP Rs 50,00,000, RESERVE & OTHER FUNDS Rs 11,65,000 BRANCHES—Bombay, Madras, Bangalore, Delhi, Calcutta and in other important towns in India and Rajasthan Union Ramnath Anandilal Podar, JP, MLA (*Chairman*), Seth K L Jatia (*Vice Chairman*)

THE BANK OF MAHARASHTRA, LTD.

REGISTERED OFFICE—Laxmi Road, Poona 2

CAPITAL ON 31ST DECEMBER 1953

AUTHORISED	Rs	50,00,000
ISSUED AND SUBSCRIBED	,,	32,00 000
PAID UP	,,	16 00,000
RESERVE AND OTHER FUNDS	,,	6 16 000
TOTAL WORKING FUNDS EXCEED	,,	4 00 00 000

BOARD OF DIRECTORS

V P Varde (*Chairman*), S G Marathe D K Sathe N G Pawar, M R Joshi, P D Pudumjee, M V Shah, S L Kirloskar and B M Gupte

MANAGER C V Joag, B com, CAIIB, FIB (Lond)

BRANCHES

Local — (Deccan Gymkhana, Kirkee), Bombay (Fort, Girgaum and Dadar), Kalyan, Jalgaon, Nagpur, Kopargaon, Ratnagiri, Sholapur (Phaltan Galli & Murarji Peth), Dhulia, Chalisgaon Nasik, Hubli Kolhapur, Hyderabad (Dn), Sangli, Amraoti, Thana and Harihar

BANK'S SUBSIDIARY

The Maharashtra Executor & Trustee Co, Ltd

THE BANK OF MYSORE, LTD.

(Incorporated in Mysore State, Liability of Members is Limited)
REGISTERED OFFICE—Bangalore City
BOMBAY BRANCH—24 26, Dalal Street

AUTHORISED CAPITAL	Rs	1,00,00,000
ISSUED AND SUBSCRIBED	,,	50 00,000
PAID-UP	,,	50,00,000
RESERVE FUND	,,	84,00,000

DIRECTORS—Tubagere Nanjappa, Rajasevasaktha P Subbarama Chetty, P Hanumanthiah, Rajasevaprasakta M Viraraja Urs, S M Ramakrishna Rao, Dharmaprakasa L S Venkaji Rao, Dharmaprakasa Lokasevaniratha, V R Chikkachannanjappa Setty, S Ramanatham, G V Rudrappa and D M Shankarappa *General Manager*—B V Narayana Reddy

BRANCHES—Arsikere, Bombay, Bangarpet, Channapatna, Chickballapur, Chickmagalur, Chickpet (Bangalore City), Chintamani, Chitaldroog, City Branch (Bangalore City), Cochin, Coimbatore, Davangere, Fort Branch, Bangalore City, Hassan, Kolar Krishnarajanagar, Lady Curzon Road Br, Bangalore Cantt., Madras, Madanapalle, Mandya, Market Sub-Branch, Mysore, Mysore, Oorgaum, Sagar, Saklespur, Shimoga, South Parade Branch (Bangalore Cantt), Tiptur, Tumkur, Bhadravathi

THE BANK OF TOKYO, LIMITED

(Successor to The Yokohama Specie Bank Ltd)
Incorporated in Japan Liability of Shareholders Limited
CAPITAL PAID UP Yen 1,100,000,000
HEAD OFFICE Nihonbashi, Chuoku, TOKYO (Japan)
BRANCHES—Over 45 Branches in Japan

OVERSEAS BRANCHES—London, New York, Hongkong, Karachi, Calcutta and Bombay

Affiliate
The Bank of Tokyo of California
HEAD OFFICE—SAN FRANCISCO Branch LOS ANGELES

Bombay Branch
Fort House, 221, Dr Dadabhai Naoroji Road, Fort, Bombay
MANAGER—Mr S Kanai
Telegraphic Address BANKTOKIO
Telephone No 34058

Calcutta Branch
No 5, Clive Row, Calcutta
MANAGER—Mr N Harada

Karachi Branch
Qamar House, Bunder Road, Karachi 2
MANAGER Mr T Takahiro

BOMBAY MERCANTILE, CO-OPERATIVE BANK LIMITED

ESTD JUNE 1939
HEAD OFFICE Mohamedali Road, Bombay 3
Phone **33615 and 23158**

AUTHORISED CAPITAL	Rs	10,00,000
ISSUED, SUBSCRIBED AND PAID UP CAPITAL	,,	4,60 000
RESERVE AND OTHER FUNDS	,,	1,94,000
INVESTMENT IN GOVERNMENT AND TRUSTEE SECURITIES	,,	26,80,000
DEPOSITS	,,	67,10 000
WORKING CAPITAL	,,	78,30,000

Annual Turnover Exceeds Ten Crores

CHAIRMAN—Khan Bahadur Mohamedally Allabux
GENERAL MANAGER—Z G Rangoonwalla

Branches—Jatiwalla Building, Null Bazar, Bombay 3 Phone 73378 294, Abdulrehman Street, Bombay 3 Phone 33615 and 23158

All kinds of Banking Business Transacted

THE BOMBAY STATE CO-OPERATIVE BANK, LTD.

Established in 1911
HEAD OFFICE
9, Bakehouse Lane, Fort, Bombay.

PAID-UP CAPITAL	Rs	60 06,750

(Inclusive of Rs 26,00 000 subscribed by Bombay State Government)

RESERVE AND OTHER FUNDS EXCEED	,,	57,54,800
WORKING CAPITAL	,,	12,70,27,000

BRANCHES

67 Branches in 16 Districts and agency arrangements at important towns in Bombay State

CHAIRMAN, BOARD OF DIRECTORS
Shri R G Saraiya, OBE
HON MANAGING DIRECTOR
Shri V P Varde

CANARA BANK, LIMITED

(Established in 1906) HEAD OFFICE —Mangalore, South Kanara Administrative Offices Bangalore CHAIRMAN —A Damodar Pai, BA, BL GENERAL MANAGER —P S Nayak BA, BL, FIIB General Manager's Office —Sir Phirozshah Mehta Road, Fort LOCAL BRANCHES 1 Fort - Sir Phirozshah Mehta Road 2 Mandvi — First Floor, 74 76, Khand Bazar, Kaji Syed Street 3 Kalbadevi — Angrewadi near Swadeshi Market 4 Girgaum -Sri Panth Bhuwan, Charni Road 5 Bandra —193 B, Hill Road Altogether 44 branches in all important commercial centres in the States of Madras, Bombay, Madhya Pradesh, Hyderabad, Mysore, Cochin and Travancore

CANARA BANKING CORPORATION, LIMITED

(Estd 1906) HEAD OFFICE —UDIPI (South Kanara) CAPITAL — AUTHORISED Rs 25,00,000, ISSUED, SUBSCRIBED, CALLED and PAID UP Rs 20 00 000, RESERVES Rs 10 00,000, TOTAL WORKING CAPITAL exceeds Rs 3½ crores on 31 12 1952 BRANCHES —*Bombay Office* - Lentin Chambers (Ground Floor), Junction of Dalal and Medows Street, Fort Telegrams BANKING Phone No 34677 Other 34 Branches in the States of Madras Bombay, Mysore, Coorg and Travancore Cochin Banking Business of every Description Transacted GENERAL MANAGER —V R Kamath BA, LL B AGENT AT BOMBAY - K Krishna Rao, MA, CAIIB

THE CANARA INDUSTRIAL & BANKING SYNDICATE, LIMITED

HEAD OFFICE —UDIPI (South India)

AUTHORISED CAPITAL Rs. 56,00,000, RESERVES Rs 12,10 000
SUBSCRIBED CAPITAL Rs 32,10,987, DEPOSITS Rs 5 crores,
PAID UP CAPITAL Rs 20 34,108 RESOURCES of Rs 6 crores

Board of Directors

Dr T Madhava Pai, MBBS, CHAIRMAN AND MANAGING DIRECTOR

P P Rao, BA, BL
M N Prabhu Sirootkar
V V Shanbhag
L H Prabhu, BA, LLB
K Gururaja Rao, BA, BL
B Padmanabha Pai
K V M Kamath
A L N Rao, BA, BL

GENERAL MANAGER —T A Pai, B com (Bom), AIIB, FR Econ S (Lond), MIA

BOMBAY MANAGER —K L V Nayak

BOMBAY OFFICE —Rahimtoola House, Homji St, Fort

Branches and Agencies all over India States of Madras, Andhra, Bombay, Mysore, Travancore Cochin and Hyderabad

CENTRAL BANK OF INDIA, LIMITED

(Established 1911)

REGISTERED OFFICE Mahatma Gandhi Road, Fort, Bombay 1

AUTHORISED CAPITAL	Rs	6,30,00,000
ISSUED CAPITAL	,,	5,77,50,000
SUBSCRIBED CAPITAL	,,	5,76,66,125
PAID-UP CAPITAL	,,	3,14,54,250
RESERVE & OTHER FUNDS	,,	3,99,79,642
DEPOSITS AS AT 30 6-1950	,,	118,19,74,654

MANAGING DIRECTOR
H C Captain, BA, LL B, Solicitor, JP

MANAGER, BRANCHES
N K Karanjia

SECRETARY
F C Cooper

DIRECTORS

Sir Homi Mody, KBE (*Chairman*), Dinshaw D Romer, Bapuji D Lam, Dharamsey Mulraj Khatau, Cooverji H Bhabha, Manmohandas M Amersey, Cursetjee P Wadia

LONDON BRANCH

159, Finchurch Street, London, E C 3

NEW YORK AGENTS

The Guaranty Trust Co of New York, The Chase National Bank of the City of New York

THE CHARTERED BANK OF INDIA, AUSTRALIA AND CHINA

(INCORPORATED IN ENGLAND BY ROYAL CHARTER, 1853)
(Liability of Stockholders Limited)
With which is affiliated the Allahabad Bank, Ltd

CAPITAL	£ 3,500,000
RESERVE FUND	£ 4,500,000

HEAD OFFICE —38, Bishopsgate, London, E C 2

COURT OF DIRECTORS —Vincent Alpe Grantham (*Chairman*), James Leslie Milne (*Deputy Chairman*), Sir Arthur Atkinson Bruce, KBE, MC Cecil Robbins Cherry, The Rt Hon The Earl of Inchcape Archibald Orr Lang Sir John Henry Swain Richardson Sir Harry Greenfield, CSI, CIE Sir John Jai, Sir Paul Benthall KBE

CHIEF GENERAL MANAGER —W R Cockburn

DEPUTY CHIEF GENERAL MANAGER —H F Morford

JOINT GENERAL MANAGERS —D Stewart, I J Blanchard and W G Pullen

SECRETARY —H E Faulkner

WEST END BRANCH —28, Charles II Street, Haymarket, S W 1

MANCHESTER BRANCH —52/54, Mosley Street, Manchester 2

LIVERPOOL BRANCH —27, Derby House, Exchange Buildings, Liverpool, 2

NEW YORK AGENCY —65, Broadway, New York 6 N Y, U S A

HAMBURG AGENCY - Borsenbrucke, 2a, Hamburg 11, Germany

BOMBAY BRANCH —Mahatma Gandhi Road *Manager* H C MacColl, *Sub Manager* - M G Gordon, *Accountant* —C W Macpherson *Asstt Accountant* J G Churchill *Sub Accountants* - D MacGregor, J D Walsh, G W Will, W T Watson P A G Harris, A H Reading, P Worsdale, J A Williams and G S Irving

TELEGRAPHIC ADDRESS —'Bungalow' Phone No 31011 (4 Lines) P O Box No 558

REPRESENTATIVE OFFICE

THE CHASE NATIONAL BANK OF THE CITY OF NEW YORK

(Incorporated with limited liability under the National Bank Act of U S A)

CAPITAL $111 000 000 00, SURPLUS and UNDIVIDED PROFITS $271,321 382 HEAD OFFICE —18, Pine Street, New York 15 MAIN LONDON OFFICE -6, Lombard St E C 3 WEST END BRANCH —46, Berkely Square W 1, Other Branches in France (Paris), Germany (Frankfurt Main), Japan (Tokyo, Osaka), Cuba Puerto Rico Panama and Canal Zone Correspondents throughout the commercial world Representative Offices at Mexico, D F Buenos Aires, Rome Beyroth and Bombay BOMBAY REPRESENTATIVE OFFICE — New India Assurance Building, Mahatma Gandhi Road Post Bag No 1961 Telephone 28759 *Representative* —Kendall G Kimberland

COMPTOIR NATIONAL D'ESCOMPTE DE PARIS

(FRENCH BANK)

(Incorporated in France with Limited Liability)

HEAD OFFICE —14, Rue Bergere, Paris

LONDON BRANCH —8/13, King William Street, E C 4

BOMBAY OFFICE - French Bank Building 62, Homji Street, Fort

MANAGER —M E F D Minne *Sub Manager* - E Hinot 1*st Asstt Managers* —P Barthe and M E Husain 4*sstt Managers* -P K Badli J Lamy and B M Mace Sender *Attorneys* -V N Chawathe, G W Kothare and H N Dighe *Relations Officer* - A E D'Souza

Phone 27277 8 9, P O Box No 45, Telegraphic Address 'COMPTONIA'

CALCUTTA OFFICE - Stephen House, 4A, Dalhousie Square East Phone Bank 1383—1384, P O Box No 327, TELEGRAPHIC ADDRESS 'COMPTONIA"

CODE USED —Private, ABC 6th Edn Lieber's, Bentley's Complete Phrase and Second Edn, Peterson's 2nd & 3rd Edns, Cogef 1929.

BRANCHES —Sydney, Melbourne, Alexandria, Cairo, Port Said, Brussels, Diego Suarez, Farafangana, Fenerive Fianarantsoa, Majunga, Mananjary, Manakara, Morombe, Morondava, Tamatave, Tananarive, Tulear Bizerta, Sfax, Sousse, Tunis, Monte Carlo, and over 500 Branches in France

DAXINI BRAHMAN CO OPERATIVE BANK LTD

Jayant Nivas 163 165, Girgaum Road, Bombay

Branch Office Bhagirthi Nivas, N C Kelkar Road, Dadar Membership open to both sexes of the Daxini Brahman community above the age of 18 and residing within the limits of the Bombay Municipality Authorised Capital Rs 5,00,000, with powers to increase Cumulative Deposits restricted to Members but Savings and Current Accounts opened for non members also Fixed Deposits received at rates to be ascertained at the Bank s office, Overdraft facilities to members on Gold, Silver, Insurance Policies, Government Securities, Goods, etc Transacts all kinds of Banking Business Phone No 21158

DEVKARAN NANJEE BANKING CO., LTD

(Incorporated in Bombay under the Indian Companies Act on 26th May 1938)

AUTHORISED CAPITAL	Rs	1,00,00,000
ISSUED SUBSCRIBED AND PAID UP CAPITAL	,,	50 00,000
RESERVE FUNDS	,,	26 00,000

BOARD OF DIRECTORS —Pranlal Devkaran Nanjee (*Chairman*), Lalitchandra C D Nanjee, Prince Udaybhan Yuvaraj Shree of Porbandar, Phojsha N Mehta, Natwarlal S Choksey M A Master B A, LL B Ratanchand Hirachand, M A, J P Jayantilal R Trivedi Laxmikant S Dabholkar, J P Harshadrai B Parekh Rajmitra R S Mane Patil C I E

MG DIRECTOR —Pravinchandra V Gandhi, A I I B

SECRETARY —Krishnarao R Patwardhan, B A, A I I B

CHIEF ACCOUNTANT —C V Subramaniam, M A, A I I B

HEAD OFFICE —Devkaran Nanjee Buildings Elphinstone Circle, Fort, Bombay Phone No 32908 (9 lines) Telegraphic Address "DENABANK Post Box No 41

LOCAL BRANCHES —Thakurdwar, Sandhurst Bridge, Kalbadevi, Mandvi, Zaveri Bazar Bhuleshwar, Dadar Colaba Share Bazar, Matunga, Ghatkopar, Andheri, Khar Santa Cruz and Vile Parle

UP COUNTRY BRANCHES —Ahmedabad, Ahmednagar, Amreli, Anand, Baramati Bardoli Baroda, Bhavnagar, Broach, Bulsar, Burhanpur Calcutta Delhi Dhrangadhra Godhra Jamnagar Junagadh Limbdi Mahuva Malegaon Manmad Morvi Nadiad Nasik Navsari Patan Poona Porbandar Rajkot Savarkundla Sholapur Sidhpur Surat Surendranagar Vinamgam Veraval and Wadhwan City

FOREIGN AGENTS —Barclay s Bank Ltd , London and The Chase National Bank of the City of New York London and New York

EASTERN BANK, LIMITED

(Incorporated in England, the Liability of Members being limited)

SUBSCRIBED CAPITAL (200,000 Shares of £10 each)—£2,000,000 PAID UP CAPITAL—£1,000,000 RESERVE LIABILITY OF SHAREHOLDERS £1,000,000 RESERVE FUND—£1 300 000 HEAD OFFICE —2 & 3, Crosby Square, London E C 3 BOMBAY OFFICE —Corner of Vir Nariman Street and Hornby Road BRANCHES —Aden Amarah Baghdad, Bahrain, Basrah, Butterworth, Calcutta, Chittagong, Cochin, Colombo Doha, Karachi, Kirkuk Kuala Lumpur Madras Mosul Penang, Singapore DIRECTORS —Sir Evan Meredith Jenkins, G C I E K C S I (*Chairman*) Roger Leigh Wood (*Deputy Chairman*) Sir Thomas Joseph Strangman Q C Anthony Charles Barnes D S O, O B E Captain Derek Fitzgerald Arthur Patrick Cameron and N S Golder BOMBAY OFFICIALS D Gordon Manager R Parkin Accountant, J M Barker W M Christie J H Jacob and K P Moore, Sub Accountants K V Shanbhag and S I Murdeshwar Departmental Superintendents TELEGRAPHIC ADDRESS — Easterlide TELEGRAPHIC CODES IN USE — Broomhalls, Bentley s Lombard, Peterson s International Code (Second and Third Editions) and Bentley s Second Edition P O Box No 219 Telephone Nos 32886 and 32887

FRENCH BANK

(Incorporated in France with Limited Liability)
See COMPTOIR NATIONAL D ESCOMPTE DE Paris

GADODIA BANK LIMITED

HEAD OFFICE Gadodia Buildings, Kalbadevi Road, Bombay 2 CENTRAL OFFICE Post Box No 1017, Chandni Chowk, Delhi AUTHORISED CAPITAL—Rs 20,00,000 PAID-UP CAPITAL—Rs 10 00 000 Offices — Ten BOARD OF DIRECTORS —Laxminarain Gadodia (*Chairman*) Madanlal Govindlal Pitti, Radhakrishna B Makharia, Ramgopal Laxminarain Gadodia

GRINDLAYS BANK LIMITED

(Incorporated in England)

Mint Road, next to Reserve Bank, Bombay

HEAD OFFICE —54, Parliament Street, London, S W 1

CHAIRMAN —*The Hon Donald S Campbell*, M C

DIRECTORS —T I K Allan, Field Marshal Sir Claude J E Auchinleck G C B G C I E, C S I D S O O B E N W Chisholm, F F Grant Sir Trevor J Matthews, Sir George B Morton, O B E, M C

BRANCHES Bombay, Church Lane Calcutta and Brabourne Road Calcutta Delhi New Delhi, Madras, Simla Bunder Road, Karachi and Dundas Street Karachi Lahore, Peshawar Quetta Colombo, Rangoon and Salisbury

GENERAL MANAGER IN INDIA —A Simpson, Bombay

BOMBAY OFFICE —*Manager*, D D Watters, *Accountant*, G P Smart

ASSISTANTS —V V Ayengar A N Chandrasekaran Edwin A B D Souza Mrs P H L Hammond J Harvie, A McNeil S H Mose H W G Pawson Miss D M Penty S Sengupta P Shefford D W Spalton D Spink V O C Wilson, K H Wilson

Telephone Nos 25096, 25097 and 25098

Post Box No 93

Telegraphic Address GRINDLAY for all Branches except GRINDLAYS for Brabourne Road Calcutta and Dundas Street, Karachi

HABIB BANK LIMITED

HEAD OFFICE Karachi

AUTHORISED CAPITAL	Pak Rs		2,00,00,000
ISSUED and SUBSCRIBED CAPITAL	,,	,,	1,00,00,000
PAID UP CAPITAL	,,	,,	1,00,00,000
RESERVE FUND	,,	,,	1,00,00,000
DEPOSITS as on 31-12 1953	,,	,,	37 27 00 000

PAKISTAN BRANCHES

KARACHI —Bombay Bazar, Bunder Road, Central Office, Industrial Trading Estate Branch Merewether Tower, Napier Road, New Chalk Saddar Safe Deposit Vault Branch Shoe Market, SIND —Dhofonira Hyderabad Jacobabad Khairpur Mirs Larkana Mirpurkhas Nawabshah Shahdadpur, Shikarpur, Sukkur, Tando Adam PUNJAB —Gujranwala, Jauharabad Jhelum Kasur, Khanewal Lahore (Cantt) Lahore (Mall) Lahore (Circular Road), Lahore (Shahdam Market) Liaquatabad Lyallpur Montgomery, Multan, Okara Rawalpindi (City) Rawalpindi (Cantt) Sargodha Sialkot N W FRONTIER —Bannu Maidan, Mingora (Swat State), Peshawar BALUCHISTAN — Harnai, Quetta EAST PAKISTAN —Chandpur, Chittagong (K C Dey Road), Chittagong (*Khatunganj*) Dacca (Moulvi Bazar) Dacca (Nawabpur Road), Dacca (Saddar Ghat), Khulna, Narayanganj, Rangpur, Sylhet

FOREIGN BRANCHES

Bombay (India), Calcutta (India)

HABIB BANK (OVERSEAS) LTD

Head Office Karachi (Pakistan)

Branches —Colombo (Ceylon) and Rangoon (Burma)

All kinds of Banking Business including Foreign Exchange Transacted

Agents and Correspondents in all the important Cities of the World

HIND BANK LIMITED

REGISTERED OFFICE —9, Royal Exchange Place, Calcutta BOMBAY BRANCH OFFICE —Laxmi Bldg, Sir Phirozshah Mehta Road, Fort, Bombay AUTHORISED CAPITAL—Rs 2,00,00,000 ISSUED AND SUBSCRIBED CAPITAL—Rs 1,00,00,000 PAID-UP CAPITAL— Rs 50,00,000 RESERVE FUND—Rs 22,00,000 BOARD OF DIRECTORS —K P Goenka (*Chairman*), B L Jalan, B Kumar Birla, N D Bangur, J B Elias, Chimanlal B Parekh Jal H Mehta *Bombay Manager* —S L Mehta *Branches* —Ahmedabad, Ajmer, Burra Bazar (Calcutta), Shyam Bazar (Calcutta), Narayanganj (Dacca) and Jaipur

THE HONGKONG AND SHANGHAI BANKING CORPORATION

(Incorporated in the Colony of Hong Kong)

The Liability of Members is Limited to the extent and in manner prescribed in Chapter 70 of the Laws of Hong Kong

HEAD OFFICE —Hong Kong
CHIEF MANAGER —The Hon Michael W Turner
BOMBAY OFFICE —16, Vir Nariman Road, Fort

CAPITAL ISSUED AND FULLY PAID-UP	HK $	20,000,000
RESERVE FUNDS STERLING	£	6,000,000
RESERVE LIABILITY OF Members	HK $	20,000 000

Branches and Correspondents in all parts of the World

Manager
J Wilkie

Accountant
R W Mills

ASSISTANTS —R G Ousley G N B Haynes T G Mead M I Calvert D I R Smorthwaite R B Moore I G I Sim, S S Nayak, B P Dalal K A Major I Baptista P D Lima

Telegraphic Address—' CASSANDRA ' Telephone Nos 22020, 22028, 22029 (3 lines) P O Box No 602

HYDERABAD STATE BANK

(Constituted under the Hyderabad State Bank Act with Liability of Members Limited)

Head Office —Hyderabad (Deccan)

AUTHORISED CAPITAL	(O S)	Rs	1, 0 00,000
PAID UP CAPITAL	,	Rs	75,00,000
RESERVE FUND	,,	Rs	75,00,000
DEPOSITS as on 30th Sept 1953		Rs	16 39 27 000

Offers complete Banking service through a network of over 50 of its Offices spread over the Hyderabad State and through its Correspondents elsewhere in India

Foreign Exchange Business of all types undertaken

Bombay Offices —New India Assurance Building, Mahatma Gandhi Road Fort 262 270, Narsi Natha Street, Mandvi, Bombay 9 and 20 Hamam Street Fort, Bombay

Madras Office —41, Linghi Chetty Street

IMPERIAL BANK OF INDIA

BOMBAY LOCAL HEAD OFFICE —Apollo Street, Bombay

(Constituted under the Imperial Bank of India Act, 1920)

AUTHORISED CAPITAL, 2,25 000 shares of Rs 500 each	Rs	11,25,00,000
PAID UP CAPITAL as on 31st December 1953, 75,000 shares of Rs 500 each, fully paid	,,	3,75,00 000
1,50,000 shares of Rs 500 each, Rs 125 paid	,,	1,87,50,000
		5,62,50,000
RESERVE FUND as on 31st December 19 53	,,	6,35,00,000
RESERVE LIABILITY OF SHAREHOLDERS as on 31st December 19 53	,,	5,62,50,000

MANGING DIRECTOR—S K Handoo
DEPUTY MANAGING DIRECTOR I S Ragavachary
LOCAL HEAD OFFICES—Calcutta, Bombay, Madras
LONDON OFFICE—25, Old Broad Street, E C 2

Over 400 Branches and Sub Offices throughout India, Pakistan, Burma and Ceylon

INDIAN BANK LIMITED

(ESTD 1907)
MADRAS

OFFICES IN BOMBAY 1 United India Life Assurance Bldg, Sir Phirozeshah Mehta Road, Fort 2 Lakhamsey Napoo Road, Matunga (Central Rly), Bombay 19 3 281/83, Narsi Natha Street, Mandvi, Central Rly, Bombay

AUTHORISED CAPITAL	Rs	1,00,00,000
SUBSCRIBED CAPITAL	,,	72,00,000
CALLED & PAID-UP CAPITAL	,,	57,80,000
WORKING CAPITAL as on 31st December 1953	,,	21 85 crores
RESERVE FUND	,,	76,00,000

With a network of Branches and Sub Offices in all the important places in the South and New Delhi Overseas branches at Singapore, Kuala Lumpur Penang, Malacca and Colombo

London Agents Westminster Bank

New York Agents National City Bank of New York

THE INDIAN OVERSEAS BANK, LIMITED

(Incorporated in India)

(Estd 1937)

AUTHORISED CAPITAL	Rs	1 00 00 000
PAID UP CAPITAL	,,	49 04 9 0
RESERVES	,,	2 50 000

CHAIRMAN —M C T M Chidambaram Chetty r
GENERAL MANAGER —C P Doraikannen

Branches at

Bombay Calcutta Madras and throughout South India Colombo, Singapore, Ipoh, Malacca Penang Kuala Lumpur Bangkok and Rangoon

Agents in all the Principal Commercial Centres of the World

Every description of Banking business transacted and for those who trade Overseas The Indian Overseas Bank Ltd is particularly well equipped to deal with their requirements

OFFICES AT BOMBAY —1 Elphinstone Building, Veer Nariman Road, Fort, 2 92 Kazi Syed Street Bombay 3

THE ISMAILIA CO OPERATIVE BANK LTD

Registered in 1930

Ismailia Bank Building Sandhurst Road Post, Bombay 9 Phone No 71 1 1

AUTHORISED CAPITAL Rs 3 00 000 PAID UP CAPITAL Rs 3 26 000 RESERVE AND OTHER FUNDS OVER Rs 5 00 000 SAFE DEPOSIT VAULT

JODHPUR COMMERCIAL BANK, LTD

(Incorporated in Jodhpur State Liability of Members is Limited)

AUTHORISED CAPITAL Rs 2 crores SUBSCRIBED CAPITAL Rs 1 crore PAID UP CAPITAL Rs 50 Lakhs RESERVE FUND Rs 7 00 000 CHAIRMAN —Narayanlal Bansilal BOARD OF DIRECTORS —Mukundlal Bansilal Ramnath Kasturchand Daga, Rai Saheb Shah Goverdhanlal Kabra Onkarmal Khetan Rai Saheb Lokram Sarogi Sir Bhagchand Soni, Kt, O B E MANAGER —M S Banker A I B (London) REGISTERED OFFICE —Jalori Gate, Jodhpur CENTRAL OFFICE —207 Kalbadevi Road Bombay BRANCHES MARWAR —Jalori Gate Jodhpur, Khejarla House Jodhpur Tobacco Bazar Jodhpur, Kuchaman City Nagaur Merta City Pali Barmer BOMBAY 53, Tamarind Lane, Fort 207, Kalbadevi Road 118 122 Kazi Syed Street Mandvi Municipal Buildin Bhiwandi (Dist Thana), Jambli Naka Thana Shivaji Chowk Kalyan AHMEDABAD —Maskati Market CALCUTTA P 5 Canning Street

LLOYDS BANK LIMITED

(Incorporated in England)

HEAD OFFICE London, E C 3

EASTERN DEPARTMENT, 34, Threadneedle Street, London, E C 2

AUTHORISED CAPITAL	£	71,000,000
SUBSCRIBED CAPITAL	£	73,302,076
PAID UP CAPITAL	£	15 810,252
RESERVE FUND	£	16 500 000
DEPOSITS, ETC	£	1 204 390 409

BOMBAY —Lloyds Bank Building, Hornby Road, P O Box 48 Telephones 26521/23 (3 lines), Tel Add 'COXIA' Codes Bentley s Complete and 2nd, Peterson s 1st, 2nd, 3rd and Private MANAGER F D Hill ASSTT MANAGER F H Cattell AG SUB MANAGER C W Hopkins 21 29 Princess Street (Sub Branch to Bombay) Telephones 30641 and 31391 (2 lines) Tel Address COXIANUB '

MERCANTILE BANK OF INDIA, LIMITED

No 52 66, Mahatma Gandhi Road
PAID UP CAPITAL—£1,050,000.

SUBSCRIBED CAPITAL—£1,800,000 RESERVE FUND—£1 500 000
HEAD OFFICE—15, Gracechurch Street, London, E C 3
LONDON BANKERS—The Bank of England & the Midland Bank, Ltd
Branches and Agencies throughout India and the East

BOARD OF DIRECTORS

Sir Kenneth W Mealing (*Chairman*)
Sir John G Hay (*Deputy Chairman*)
E J Bunbury, M C
J B Crichton
R W B Dunlop
C A Innes
Sir Cyril E Jones, K C I E, C S I
C D Miller
Hon R H Vivian Smith

CHIEF MANAGER—R N Drake
BOMBAY MANAGER—S J Ilgar
SUB MANAGER—F R H Burdon

NATIONAL BANK OF INDIA, LIMITED

Bombay

Incorporated in the United Kingdom

(Established 1863)

Bankers to the Government in Kenya, Uganda, Zanzibar and Aden

SUBSCRIBED CAPITAL—£4 562 500
PAID UP CAPITAL—£2,281,250
RESERVE FUND—£3,675 000

HEAD OFFICE—26, Bishopsgate, London, E C 2
WEST END OFFICE—13 St James Square London S W 1

BRANCHES—Throughout India Pakistan, Burma, Ceylon, Kenya Colony, Uganda, Tanganyika Territory, Aden, Zanzibar and British Somaliland

BOARD OF DIRECTORS—F K Michie (*Chairman*) A N Stuart C B E (*Dy Chairman*) R L Hird W G Ively Sir Robert Neil Reid K C S I K C I E W H Miles Sir George B Morton O B E M C E J Mackenzie Hay, A M McGrigor F F K Allin

BOMBAY—G R West *Manager* D G Moore, *Sub Manager*, J H McVeigh *Accountant*

Tel Address NATIONAL, P O Box No 141

THE NATIONAL CITY BANK OF NEW YORK

(Incorporated with limited liability under the National Bank Act of U S A)

General Banking and Exchange Business throughout the world

CAPITAL	$ 100,000 000
SURPLUS & UNDIVIDED PROFITS	$ 242,966,329

HEAD OFFICE—55, Wall Street, New York with 69 Branches in Greater New York LONDON OFFICE—117, Old Broad Street, E C 2, London WEST END BRANCH—11, Waterloo Place, S W 1 Branches in India—Bombay and Calcutta Other Branches in Argentina, Brazil Canal Zone, Chile, Colombia Cuba, France Hongkong, Japan Mexico Panama Peru, Philippines, Puerto Rico Singapore Uruguay, and Venezuela Correspondents in every commercially important city in the world

BOMBAY OFFICE—Bombay Mutual Building 293, Dr Dadabhai Naoroji Road, Fort *Manager* W L Bulkeley *Sub-Managers* M Ratnakar Rau, S R Tare, L W Wade, *Accountants* R B Baker and R J Stanley, *Sub Accountants* G J Joshi, N P Kordav D M Shanbhag G R Strohecker and A K Varma

CODES USED. Bentley's Complete and Second phrases, Peterson's INTERNATIONAL 3rd Edition, A B C 6th Edition

Bombay { Tel Address "CITIBANK" Phone No 26077 P O Box No 175

CALCUTTA OFFICE—Bombay Mutual Building 9, Brabourne Road *Manager* F de C Matthews, *Sub Managers* E R Cutting W L Griffiths B B L Kapoor *Accountant* S N Vittalrau, *Pro-Managers* J K Cowen, I C Sanyal W O Sheer

Calcutta { Tel Address "CITIBANK" Phone No 4764 P O Box No 655

THE NEW CITIZEN BANK OF INDIA, LIMITED

(ESTABLISHED 31ST JULY 1937)

REGISTERED OFFICE

Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay
Telephone Nos 38334 and 38335 (Mg Director)

SHARE CAPITAL (Paid up)—Over Rs 14,66,977

Working Capital—Over Rs. 2,65,00,000

CHAIRMAN

Sir H P Dustur, B.A, LL.B, BAR-AT-LAW

DIRECTORS

P B Gole, B A, LL B, G L Natu, Seth Govindas Narayandas Banatwale, D D Deshpande, B A, and M N Ghatate

DEPOSITORS DIRECTORS

Rahim Karim Mistry

MANAGING DIRECTOR—D D Deshpande, B A
SECRETARY—S S Nagarkar, B A, LL B

LOCAL BRANCHES

Dadar, Girgaon, Queen's Road Crawford Market, Matunga, Sion, Vile Parle

MOFUSSIL BRANCHES

Ahmednagar, Akola, Amraoti, Belgaum, Chanda, Delhi New Delhi (Paharganj), Deolali Dhulia Gurgaon (East Punjab) Ichalkaranji, Jalgaon, Karanja Kolhapur, Kolhapur (Shahupuri) Kopergaon, Lonand, Mahad, Malegaon, Miraj Murtizapur, Nagpur (Sitabaldi), Nagpur (Dharampeth), Nandurbar, Nasik City, Nasik Road, Pandharpur Pen (Kolaba) Poona City Pimpalgaon Sangamner Sangli, Sholapur Sinnar, Yeotmal Umpur, Shivajinagar (Poona)

Correspondents in the principal towns of India

NORTH KANARA GOUD SARASWAT BRAHMIN CO OPERATIVE BANK, LTD

Laxmi Sadan, 361, Vithalbhai Patel Road, Bombay *Chairman* —V D Muzumdar M A *Vice Chairman* N S Wagle *Jt Hon Secretaries* A P Wagle B A and G M Palekar AIMS AND OBJECTS —To raise funds by Debentures Deposits, etc to be lent out at interest to members of the Bank against personal securities, gilt edged securities and immovable properties and to undertake such other business on behalf of the members as is incidental to banking business

THE PRABHAKARA BANK, LTD

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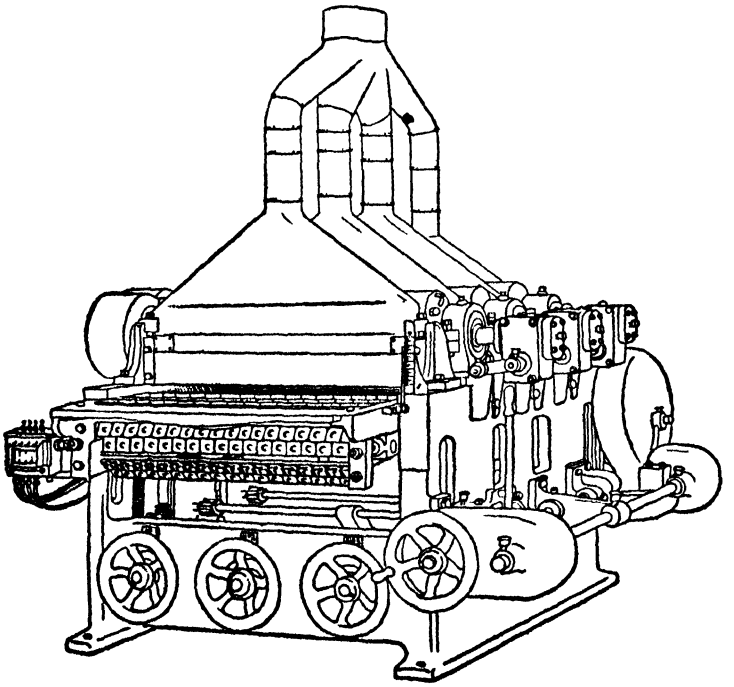

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Jones Textilities, Export Co, Limited, Blackburn, England Manufacturers of Healds, Reeds, Bobbins, and all Loom Sundries Managers The Sizing Materials Co, Ltd, Jeroo Building, 137, Mahatma Gandhi Road, Bombay 1

Kirk & Co (Blackburn), Ltd, England Principal Distributors Altex Ltd, 147, Mahatma Gandhi Road, Fort

Wilson Bros Bobbin Co, Ltd, Bobbins, Shuttles, etc Representatives W H Brady & Co, Ltd, Royal Insurance Buildings, Churchgate Street

BOILER ACCESSORIES

Baines & Co, Ltd, W N, Phoenix Brass Works, Rotherham, England Sole Agents Heatley & Gresham Ltd, 9, Forbes Street, Bombay

DEWRANCE & CO, LTD, 165, Great Dover Street, London S E 1 Steam Valves, Steam Traps and Boiler Mountings Sole Agents Kilburn & Co, Ltd, P O Box 565, Bombay Phone 31908

Shaw Son & Greenhalgh Ltd Huddersfield Steam Valves, Cocks and Boiler Fittings Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

Clyde Blowers, Ltd, Livingston Street, Clydebank, near Glasgow C 2 Sole Agents Heatly & Gresham, Ltd, 9, Forbes Street, Fort

Dermatine Company, Ltd, 93 95, Neate Street, London, S E 5 Agents Heatly & Gresham, Ltd, 9, Forbes Street.

Everlasting Valve Co (Great Britain), Ltd, 125, Balham High Road, London, S W 12, England Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

BOILER HOUSE & CIVIL ENG. RECORDERS

British Pitometer Co, Ltd London Agents Glenfield & Kennedy, Ltd, 198, Jamshedji Tata Road, Fort, Bombay 1

Glenfield & Kennedy, Ltd, Kilmarnock Meters for Boiler Feed Agents Glenfield & Kennedy Ltd, 198, Jamshedji Tata Road, Fort Bombay 1

BOILER MANUFACTURERS

Clarke Chapman & Co, Ltd, Gateshead-on-Tyne Water Tube Boilers, Capstans Winches, etc Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Combustion Engineering Superheater, Inc 200, Madison Avenue, New York Manufacturers of Steam Generating and Fuel Burning Equipment Agents J Stone & Co (India) Ltd, Yaffi Building, Gov Street, Ballard Estate

Cradley Boiler Co Ltd, Nr Birmingham Makers of Vertical Steam Boilers Agents Richardson & Cruddas, Ltd, Byculla

Lumbys, Ltd, London Hot Water Boiler, etc Agents Richardson & Cruddas, Ltd, Byculla

Penman & Co , Ltd , Caledonian Iron Works, Glasgow S E Lancashire & Cornish Boilers Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

Ruston & Hornsby Ltd , Lincoln Vertical Cross Tube and Vertical and Horizontal 'Thermax Boiler Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

BOILER PRESERVATIVES AND COMPOSITIONS

British Boiler Cleaning & Enamelling Co "Llanghrod' Boiler Composition Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort, Bombay

Clensol Ltd , 75, Victoria Street, London, S W 1 Patent Scale Remover and Boiler Water Purifiers Agents Roberts, McLean & Co , Ltd , Ilaco House, Sir Phirozshah Mehta Road

Houseman & Thomson Ltd , New Castle-upon Tyne 'D M ' Boiler Solution Agents Balmer Lawrie & Co Ltd , 5, Graham Road, Ballard Estate

BOILER SCALE PREVENTIVE AND COMPOSITIONS

Houseman & Thompson Ltd , Newcastle upon Tyne D M Boiler Solution Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate

BOILERS AND BOILER ACCESSORIES

Crane Ltd , London Valves & Boiler Fittings Sole Agents Gannon Dunkerley & Co Ltd , Chartered Bank Building, Fort Bombay

Farrar Boilerworks Ltd , Newark on Trent Vertical Boilers Fishmeal & Oil Plants Agents Balmer Lawrie & Co , Ltd , 5 Graham Road Ballard Estate

Goodbrand & Co Ltd , Stalybridge Testing Machinery (Agents) Boiler Fuel Economisers Sole Agents Gannon Dunkerley & Co Ltd , Chartered Bank Building, Fort, Bombay

Scott & Co , London "Stopskal" Boiler Compound Agents Richardson & Crud das Ltd Byculla

Versil Ltd , Rayner Mills, Liversedge Yorks Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

BOLTS, NUTS & SCREWS

Joseph Pitter Ltd , 26, Sherlock Street, Birmingham, 5 Agents Soho House, Lohar Street

BOOKS PUBLISHERS

American University Presses, Harvard, Yale, Columbia, Princeton, North Carolina Johns Hopkins Michigan, Cornell, Stanford, Pennsylvania Minnesota, New York Agents Oxford University Press, Post Box 31, Bombay

Ginn & Co , Ltd , 7, Queen s Square, London, W C 1 For the *Beacon Readers*, *English Work Books and English Today* Agents Oxford University Press, Post Box No 31, Bombay

Harrap & Co , Ltd , George G , 182, High Holborn, London W C 1 Publishers Agents Oxford Univers ty Press, Post Box No 31, Bombay

Murray Hill Books, Inc , New York Radio Technical Books and Publications of Mr Alfred A Ghirardi Agents Eastern Electric & Engineering Co , 127, Mahatma Gandhi Road, Fort, Bombay

University Tutorial Press, Ltd , Clifton House Euston Road London, N W 1 Publishers Agents Oxford University Press, Post Box No 31 Bombay

BRASS FOUNDRY

Harrison (Birmingham) Ltd , Bradford Street Works, Birmingham, 12 Agents Soho House, Lohar Street

BRUSH MANUFACTURERS

Addis Ltd , "Wisdom" Nylon Toothbrushes and other Toilet Brushes Sole Agents J L Morison Son & Jones (India) Ltd , opp Mahalaxmi Temple, Warden Road, Bombay 26

Coates Brushes Ltd , The, England Tooth, Nail & Hair Brushes Agents T Byramji & Co , Central Bank Building, Fort

H L Sterkel A G , Ravensburg, W Germany Brushes of any kind Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

BRUSHES

Schnak & Ebe G M B H Gibssen (W Germany) Carbon brushes Agents Eastern Electric & Engineering Co , 127, Mahatma Gandhi Road Fort

BUILDERS' REQUISITES

Bayliss, Jones & Bayliss Ltd , London Ornamental Gates, Fencing, etc Agents Shaw Wallace & Co , Ltd , 3, Wittet Road, Ballard Estate

Cafferata & Co , Ltd , Newark on Trent, England Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

BUILDING & CONSTRUCTION MACHINERY

Boydell & Co Ltd , L Manchester (Muir Hill Dumpers) Agents for Western India Killick Nixon & Co Ltd , Killick Building, Home Street, Fort

Cheecol Processes Ltd 644, Oxford Road, Reading, Berks Agents Mouse ll & Co , Ltd , Lotus House, Marine Lines, Bombay

Christopher & Sons Ltd , J , London (Hoists & Winches) Sole Agents Killick Nixon & Co , Ltd , Killick Building, Home Street, Fort

Fiorentini & Co , Ing F , Italy (Excavation) Agents Killick Nixon & Co Ltd , Killick Building, Home Street, Fort

Johson (Machinery) Ltd , C H , England Sole Agents Killick Nixon & Co Ltd , Killick Building, Home Street, Fort

BUILDING MATERIAL

HOLOPLAST LTD , England Moloplast Linings, Panels Extrusions "CHEQUERPLAST" Selling Agents I C I (India, Ltd , Post Box No 310, Bombay 1

I C I LTD , England Metals Division (Non-ferrous Metals, Pipe Fittings, Aluminium Sheets, plain and corrugated) Plastics Division Corrugated "Perspex", "Alkathene" Piping Selling Agents: I C I (India) Ltd , Post Box No 310, Bombay 1

Mills Scaffold Co Ltd , London Steel and Aluminium Alloy Tubular Scaffolding & Fittings Agents Guest, Keen, Williams Ltd , Das Chambers, Dalal Street, Fort

Twisteel Reinforcement Ltd , Shethwick Steel Reinforcement Fabric Agents Guest, Keen, Williams Ltd , Das Chambers, Dalal Street, Fort

CABLES

Aktiebolaget Liljeholmens Kabelfabrik, Stockholm Manufacturers of Cables, Wiring and Static Condensers Representatives Asea Electric Ltd , Yaffi Building, Goa Street, Ballard Estate

Cables and Plastics, Ltd , Plastic Cables Sole Agents William Jacks & Co , Ltd , Hamilton House, Graham Road, Ballard Estate

Griffin Woodhouse Chain Cables Ltd , Chains and Cables Agents John Fleming & Co Ltd , Bastion Road, Fort, Bombay

SCOTTISH CABLES LIMITED, Deanside, Renfrew, Scotland Power Cables Representatives James Finlay & Co , Limited, P O Box No 73, Bombay 1

CAMERAS

Dangelmaier & Co , Reutlingen Germany Boxtype Cameras Agents T Byramji & Co , Central Bank Building, Fort

CANNED & BOTTLED PROVISIONS

Fabrique de Conserves de Rorschach S A Rorschach Switzerland (Roco Canned & Bottled Provisions) Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

Marmite Food Extract Co , Ltd , "Marmite" Sole Agents J L Morison Son & Jones (India) Ltd , opp Mahalaxmi Temple, Warden Road, Bombay 26

CANNING EQUIPMENT MFRS

A K Robins & Co , Inc , U S A Agents for India Gladwyn & Co , 251, Hornby Road, Fort

Chisholm Ryder Co , Inc , U S A Agents for India Gladwyn & Co , 251, Hornby Road, Fort

Consolidated Siphon Supply Co , Inc , U S A Agents for India Gladwyn & Co , 251, Hornby Road, Fort

Dawson Bros , Ltd , England Can Washing Machines Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road Fort, Bombay

F H Langsenkamp Co (U S A) Agents for India Gladwyn & Co , 251, Hornby Road, Fort

CANVAS TWINE AND HOSE

Boase Spinning Co , Ltd (The), Dundee Agents Killick Nixon & Co , Ltd , Killick Building, Home Street, Fort

Tanner Bros (Greenfield) Ltd , Greenfield, Near Oldham Agents Soho House, Lohar Street

CARD CANS (MFRS.)

Stowaca Fibre & Can Co , Ltd , Manchester 9 Fibre and Steel Card Cans Agents Roberts, McLean & Co , Ltd , Ilaco House, Sir Phirozshah Mehta Road, Fort

CARRIAGE TYRE CHANNELS

Pritt & Co , Ltd , 11 12, St Swithin's Lane, London, E C 4 Agents Soho House, Lohar Street

CASE HARDENING COMPOUND

IMPERIAL CHEMICAL INDUSTRIES LTD , General Chemicals Division, England "Cassel" brand Case Hardening Salts and Compounds Agents in India I C I (India) Ltd. Post Box No 310, Bombay 1

Piftin Limited, Exhibition Grounds, Wembley, Middlesex, England Sole Agents Heatly & Gresham, Ltd , 9, Forbes Street, Fort

CASTING MANUFACTURERS

Les Fonderies Magotteaux Limited, Belgium Grinding Bodies, Manganese Steel and Cast Steel Castings and Hardinge Ball Mills for Ore Crushing, Cement and Mining Industries Contact Ratansi Morarji Limited, Prospect Chambers, 317/21, Hornby Road Bombay

CEMENT WATERPROOFER

Metarock Ltd , London "Metarock" Metallic Concrete Hardener and Waterproofer Sole Agents Gannon Dunkerley & Co Ltd , Chartered Bank Building, Fort, Bombay

CEMENT & CONCRETE

Cement Marketing Co , Ltd , London Agents Killick Nixon & Co , Ltd , Killick Building, Home Street, Fort

Cement Marketing Co , Ltd , London Manufacturers of 'Hand' Brand Portland Cement and 'Impermo' Cement Waterproofing Compound Agents The Anglo Thai Corporation Ltd , Ewart House, Bruce Street

"CEMENTA", The Swedish Cement Sales Corporation, Malmo (Sweden) Manufacturers of Portland cement Representatives M Dialdas & Sons, 190, Princess Street, Bombay 2 Phone No 30124

CHRISTIANIA PORTLAND CEMENT-FABRIK Oslo (Norway) Manufacturers of "LION" Brand Portland Cement Representatives M Dialdas & Sons, 190, Princess Street, Bombay 2 Phone 30124

DALEN PORTLAND CEMENT, Brevik (Norway) Manufacturers of "DALEN" Brand Portland Cement Representatives M Dialdas & Sons, 190, Princess Street, Bombay 2 Phone 30124

DANSK CEMENT CENTRAL LTD , Copenhagen (Denmark) Manufacturers of "POLAR BEAR" White Cement , "LION" Colorcement & "CEMPEXO" Cement Paint, etc Sole Agents M Dialdas & Sons, 190, Princess Street, Bombay 2 Phone : 30124

Keystone Refractories Co , "Dura Stix" Firebrick Cement Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

Mouchel & Partners, L G , Ltd , London Water Cooling Towers Agents in India J C Gammon, Ltd , Hamilton House, Ballard Estate

Prestressed Concrete Co , Ltd , London Patented—Prestressed Concrete Agents in India J C Gammon, Ltd , Hamilton House, Ballard Estate

CEMENT AND CONCRETE MACHINERY

Winget Limited, Concrete Machinery Agents William Jacks & Co , Ltd , Hamilton House, Graham Road, Ballard Estate

CEMENT PRODUCTS

Smooth-on-Manufacturing Co , Jersey City (U S A) Smooth on Cement for Iron, Steel and Aluminium Stockists Robert McLean & Co , Ltd , Ilaco House, Sir Phirozshah Mehta Road, Fort

CERAMIC KILNS & MATERIALS

Applied Heat Co , Ltd , The, England Agents in India Indian Wild Barfield Co Ltd , Lotus Trust Buildings, Hornby Vellard, Bombay 8

Blythe Colour Works Limited, England General Agents in India Indian Wild-Barfield Co , Ltd , Lotus Trust Buildings, Hornby Vellard, Bombay 8

CHAIN BELTS AND CONVEYORS

J Collis & Sons Ltd , London Sole Agents Killick Nixon & Co Ltd , Killick Building, Home Street, Fort

Job Wheway & Sons Ltd , Walsall Chains up to ¾" Link, etc Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Reethof Fischmann Corp , New York, U S A Representatives Roberts McLean & Co , Ltd , Sir Phirozshah Mehta Road, Fort

Teleflex—*Products Ltd , London* Sole Agents Killick Nixon & Co Ltd , Killick Building, Home Street, Fort

CHAIN LINKS AND DRIVES

Ewart Chainbelt Co , Colombo Street, Derby, England Chains & Chain Links Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate

Whitney Chain Co Hartford (U S A) Sole Agents in India Excellent Engineering Co Botawala Building, Elphinstone Circle Fort

CHEMICAL MANUFACTURERS

British Industrial Solvents, Ltd , 4, Cavendish Square, London, W 1 Manufacturers of Organic Solvents for Paint, Lacquer and Allied Trades Sole Agents The Sizing Materials Co , Ltd , Jeroo Building, 137, Mahatma Gandhi Road Fort Bombay 1

Distillation Products Industries, Division of Eastman Kodak Co , Rochester 3, N Y U S A Sole Agents Raj Der-Kar & Co , Commissariat Building, Hornby Road Fort

HARDMAN & HOLDEN LTD , Manchester, England Manufacturers of "Manox" Sodium Hydrosulphite Sole Suppliers in India Ciba Dyes Ltd , Jehangir Building, Mahatma Gandhi Road, Fort, Bombay 1 Phone Nos 36846 and 36847 Tel Address "CIBA" Post Box No 479 Codes used Universal Trade, Bentley's Second Phrase and Private

Howards of Ilford Ltd , Ilford, near London Manufacturers of Pharmaceutical Chemicals, Quinine preparations and Solvents Agents The Anglo Thai Corporation Ltd , Ewart House Bruce Street

IMPERIAL CHEMICAL INDUSTRIES (INDIA) LTD , Post Box No 310 Bombay 1 For details please see under the heading "CHEMICALS"

JOHNSONS OF HENDON LTD , Hendon Way, London, England Scales Brand Photographic & Process Chemicals Agents : Allied Photographics Ltd , Kasturi Bldg , Jamshedji Tata Road, Bombay 1

ROHM & HAAS CO , Philadelphia, U S A Sole Representatives in India : Amritlal & Co Ltd , 11, Sprott Road, Ballard Estate, Fort, Bombay

Wm Blythe & Co , Ltd , Church, Lancashire, England Manufacturers of Zinc Chloride, Epsom and Glaubers, Salts, etc , etc Sole Agents The Sizing Materials Co , Ltd , Jeroo Building, 137, Mahatma Gandhi Road, Fort, Bombay 1

CHEMICALS

Airco Export Corporation, 33, West 2nd Street, New York, N Y , U S A Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

ALBRIGHT & WILSON LTD , Oldbury Amorphous Phosphorus, Phosphoric Acid, etc Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

ALGINATE INDUSTRIES LTD., London Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

ALUMINA CO , LTD , THE, Widnes (Sulphate of Alumina) Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

BOOTS PURE DRUG CO , LTD , Nottingham (Saccharin) Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

BORAX CONSOLIDATED LTD , London Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

BRITISH DYEWOOD CO , LTD , Glasgow Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

BRITISH GLUES & CHEMICALS LTD , London Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate, Fort

BRITISH SULPHATE OF COPPER ASSOCIATION, LTD , London Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

BROTHERTON & CO , LTD , Leeds Seeling Agents (for Formosul & Hydros) in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

CHEMICALS & INSULATING CO , LTD , (THE), Darlington Selling Agents in India, Burma and Ceylon Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

Ciech, Ul Jasna, 10 Warszawa, Poland Sole Agents for India Chemidyo Trading Co , Ltd , Kamer Building, Cawasji Patel Street, Fort

DAIRY PRODUCTS LTD , New Zealand (Lactose), Selling Agents in India . Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

EARNSHAW LTD , Selling Agents in India Imperial Chemical Industries (India) Ltd , Ballard Estate.

Economic Utilities Ltd , Westcombe House, 56/58, Whitcomb Street, London, W C 2 Agents Associated Agencies (Bombay), 47, Podar Chambers, Parsee Bazar Street, Fort

ELDORADO MINING & REFINING (1944) LTD , Canada Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

Ferro Metal & Chemical Corp Ltd , 80, Coleman Street, London, E C 2 Agents Associated Agencies (Bombay), 47, Podar Chambers, Parsee Bazar Street, Fort.

FULLERS EARTH UNION LTD , Surrey Selling Agents in India. Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

Hercules Powder Co , Inc , Wilmington, Delware, U S A Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

Houghton, E F , & Co , Philadelphia Houghton's Heat Treatment Specialities Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

Industrial Tartarica Valenciana, S A , Valencia, Spain Tartaric Acid Distributors F Bock & Co , Shale Building, Bank Street, Fort

Industrias Quimicas Y Tartaricas S A , Gerona, Spain Tartaric & Citric Acid Distributors F Bock & Co , Shale Building, Bank Street, Fort

JOHN & E STURGE LTD , Selling Agents in India Imperial Chemical Industrial (India) Ltd , Ballard Estate

K D Fedderson & Co , " Elbhof ", Steinhoft 9, Hamburg 11 Germany Fine, Heavy, Industrial and Pharmaceuticals Chemicals Distributors F Bock & Co , Shale Building, Bank Street, Fort, Bombay 1

LAPORTE, CHEMICAL, LTD , Luton, Bedfordshire Selling Agents in India : Imperial Chemical Industries (India) Ltd , Imperial Chemical House

MAGADI SODA CO , LTD (THE), Mombasa Selling Agents in India : Imperial Chemical Industries (India) Ltd Imperial Chemical House, Dougall Road, Ballard Estate

M W Hardy & Co , Ltd , London Chemicals, Pharmaceuticals, Dyes Distributors F Bock & Co , Shale Building, Bank Street, Fort

N V Central Potash Refinery, Post Box 22, Bergen, op Zoom Holland Agents Associated Agencies (Bombay), 47, Podar Chambers, Parsi Bazar Street, Fort, Bombay

SVENSKA CELLULOSE AKTIEBOLAGET, Sweden Selling Agents in India Imperial Chemical Industries (India) Ltd , Ballard Estate

SVENSKA TANDSTICKS AKTIEBOLAGET, Sweden (Chlorate of Potash) Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate

***THORIUM LIMITED*, London (Thorium Nitrate) Selling Agents in India Imperial Chemical Industries (India) Ltd , Imperial Chemical House, Ballard Estate**

Washington Chemical Co , Ltd , Durham, England Sole Agents in India W H Deeth & Co , Wavell House, Graham Road, Ballard Estate

CHEMICALS & RAW MATERIALS

Montecatini, Mklan, Italy Chemicals, Minerals and Pigments for every Industry Contact Ratansi Morarji Limited, Prospect Chambers, J17/21, Hornby Road, Bombay

CHEMICALS (TEXTILES)

IMPERIAL CHEMICAL INDUSTRIES (INDIA) LTD , Ballard Estate, Imperial Chemical House, Bombay Importers of all Chemicals For details please see under " CHEMICALS " Heading

Chemapol Ltd , Panska 9, Prague II, Czechoslovakia Sole Agents for India Chemidye Trading Co , Ltd , Kamer Building, Cawasji Patel Street, Fort

CHEMISTS MANUFACTURING

Stafford, Allen & Sons, Ltd , London Manufacturing Chemists, Distillers of Essential Oils, Manufacturers of Aromatic Chemicals Soap and Perfume Compounds, and Insecticides Agents The Anglo Thai Corporation, Ltd , Ewart House, Bruce Street

CHINA CLAY

English China Clay Sales Company, Ltd , St Austell, Cornwall England Producers of high grade English China Clays Trade Marks ' Blue Cross ", " Blyco ", " Hytra ", " Simco " and " Superfine 25 " Brands Sole Agents The Sizing Materials Co , Ltd , Jeroo Building, 137, Mahatma Gandhi Road, Bombay 1

CHRISTMAS & GREETING CARDS

A M DAVIS & CO LTD , Manufacturers of quality cards, Shepherdess Walk, London, N I Sole Agents for India and Ceylon L R Trading Co , Navsari Chambers, opp Lloyds Bank, Fort, P O Box 72

Masterpiece Studios, Chicago Sole Agents Nair Aggarwal Ltd , National House, Tulloch Road, Apollo Bunder

CINEMA PROJECTORS AND EQUIPMENT

Andrew Smith Harkness Ltd , 96 100 Kensal Road, London, W 10 (England) Manufacturers of " Westone ' 35 MM and 16 MM Cinema screens Agents Photophone Equipments Ltd , 9 Marine Lines

National Theatre Supply Export, 92 Gold Street, New York (U S A) Distributors for Simplex Cinema Projectors, Peerless Magnarc Arclamps, Transverters, Rectifiers and accessories for showing 3 D films Agents Photophone Equipments Ltd , 9 Marine Lines

Radio Corporation of America, RCA International Division RCA Building, 30 Rockefeller Plaza, New York (U S A) Motion Picture Theatre Equipment, Film Recording Equipment, 3 D Equipment, 16 MM Projectors, both optical and magnetic, Commercial Sound Systems, Electron tubes, tape recorders, etc Agents Photophone Equipments Ltd , 9 Marine Lines

Robert Rigby Ltd , Premier Works, Northington Street, London, W C 1 Manufacturers "Premier" arc slide lanterns, splicers, rewinders and practically all accessories for the projection booth Agents Photophone Equipments Ltd , 9 Marine Lines

Union Carbide International Company, New York (U S A) " National " Cinema Carbons Distributors Photophone Equipments Ltd , 9 Marine Lines

W J Furse Ltd , Traffic Street, Nottingham (England) Manufacturers Automatic stage curtain control equipment, stage lighting etc Agents Photophone Equipments Ltd , 9 Marine Lines

CLEARING AND FORWARDING AGENTS

Dean & Dawson Ltd , Passenger and Tourist Agents Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate

Geo W Wheatley & Co Ltd , London, Liverpool, New York and Marseilles Shipping and Forwarding Agents Agents Balmer Lawrie & Co Ltd , 5, Graham Road, Ballard Estate.

Gerhard & Hey Ltd , Shipping Agents, London, Liverpool, Manchester, Hull, Southampton, Glasgow Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

Gerhard & Hey Co , Inc , Shipping Agents, 44, Whitehall Street, New York 4, N Y Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

Pitt & Scott Ltd , London, Glasgow, Liverpool, New York and Marseilles Shipping and Forwarding Agents Agents Balmer Lawrie & Co Ltd , 5, Graham Road, Ballard Estate

COAL CUTTING MACHINERY AND CONVEYORS

Mavor & Coulson Ltd , 47, Broad Street, Glasgow Coal Cutters and Conveyors Agents Balmer Lawrie & Co , Ltd 5, Graham Road, Ballard Estate

Siskol Machines Ltd , Siskol Works, Sheffield, England Electric and Pneumatic Coal Cutters (Portable), Electric, Pneumatic and Petrol Engine Driven Drills Agents Balmer Lawrie & Co , Ltd., 5, Graham Road, Ballard Estate

COFFEE BREWING EQUIPMENT

Alsdorf A J Corporation, 221, North La Salle Street, Chicago 1 (U S A) Exclusive representatives in India Refrigeration and Appliances Co , Ltd , Pravin Court, 95, Queen's Road, Bombay 1

COLOURS

I. C I LTD , Dyestuffs Division, Manchester, England Selling Agents in India I C I (India) Ltd , Post Box No 310, Bombay 1.

J W & T A Smith Ltd , London Fine Colour & Pigments Distributors F Bock & Co , Shale Building, Bank Street, Fort

CONCRETE PRESTRESSED

McCalls Macalloy Ltd , Sheffield, England ' Lee McCall ' System of Prestressed Concrete , ' Macalloy " bars and accessories , Designs and drawings supplied Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

CONCRETE REINFORCEMENT

McCall & Co , (Sheffield) Ltd , Templeborough, Sheffield, England ' Matobar " High Tensile Electrically Welded Steel Fabric for Reinforcement Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

Twisteel Reinforcement, Ltd , Shothwick Steel Reinforcing Fabric Agents Guest, Keen, Williams, Ltd , Das Chambers, Dalal Street, Fort.

CONCRETE VIBRATORS

Allam & P , & Co , Ltd , 45, Great Peter Street, Westminster, London, S W 1 Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

Aveling-Barford Ltd , Grantham, England Vibratory Concrete Finishers for Roads and Air Port Runways Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort.

Gasline/Electric Internal and External Vibrators, Vibrators Tampers, Gebruder Wacker, Germany Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Johnson (Machinery) Ltd , C H , England Sole Agents Killick Nixon & Co Ltd , Killick Building, Home Street, Fort

CONFECTIONERS

James Pascall, Ltd, Confectionery Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Wrigley Products Ltd, London, England. Manufacturers of Wrigley's Chewing Gum Sole Agents for India Carr & Co, Ltd, P O Box 152, Bombay

CONFECTIONERY MACHINERY

Autopack Ltd, Birmingham, Weighing, Filling Machines for food stuffs, Flour, Cereals, Tea, etc Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

CONTRACTORS, PLANT AND MACHINERY

Boydell & Co Ltd, E, Manchester (Muir Hill Dumpers) Agents for Western India Killick Nixon & Co Ltd, Killick Building, Home Street, Fort

Cement & Steel Ltd, Kent, (Bar Bending & Bar Shearing Machine) Agents Killick Nixon & Co Ltd, Killick Building, Home Street, Fort

Christopher & Sons Ltd, J, London, (Hemel Hoists) Sole Agents Killick Nixon & Co, Ltd, Killick Building, Home Street, Fort

Frederick Parker, Ltd, Leicester Sole Agents Heatley & Gresham Ltd, 9, Forbes Street, Fort

CONVEYORS AND LOADERS

Barber Greene (Overseas) Inc, Barber Green Olding Co Ltd, Bituminous Finishers, Conveyors and Loaders Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

COPPER, BRASS, GUNMETAL

Society das Mines and Founders De Zinc Dela Vielle Montagur, Belgium Agents Doshi Brothers (Bombay), National Insurance Building, 204, Hornby Road, Fort

CORK INSULATION

Armstrong Cork Co, Lancaster, Pa, U S A Agents Roberts McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road

CORK PRODUCTS

Armstrong Cork Co, Spain. Corkboard and Cork Products Agents Ahmed A Fazalbhoy, 38, Queen's Road

Armstrong Cork Company, Lancaster, U S A (Distributors for Crown Corks) Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

Crown Cork Co, (Belgium) S A, Merxem Belgium (Crown Corks) Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

S Sagrera Soler, Barcelona Spain (Cork Wood, Cork Waste, Corkdises, Corkpaper, etc) Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

COSMETICS

Albro Fillers & Engineering Co, Ltd, London, Bottle & Tin Filling Machines Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Cranfield Industries Ltd, England (D Trapow & Co), Labelling Machines for *Bottles, Jars, etc Agents in India* Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Enamelled Metal Products Corporation (1933) Ltd, England, Glass Lined Storage & Mixing Vessels, Chemical Process Equipment Agents in India Armstrong Smith Ltd Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

COUNTING MACHINES

INTERNATIONAL COIN COUNTING MACHINE CO, LTD., Alexandra House, Enfield, Middlesex, England, Coin Counting Machines, Repretatives Latham Abercrombie & Co Ltd, Forbes Building, Home Street, Fort

CRANES & HOISTS

Royce Ltd, The Crane Works Loughborough, England, Cranes, Hoists, etc Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

CRANES MFRS.

Clyde, Crane & Booth Ltd, Rodley, Leeds, England and Mossend, Scotland. Electric, Steam and Diesel Dock and Wharf Cranes, Travelling Jib Cranes for Docks, Railways and Collieries, Railway Breakdown and Main Line Cranes and Deck cranes Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort.

DU CROO & BRAUNS, N V Machinefabriek, Amsterdam, Holland Steam and Electric Cranes for all purposes Agents Associated Machine & Tool Co, 130, Medows Street, Fort, Bombay 1

Geo W King Ltd, London Conveyors and Electric Hoists Agents Richardson & Cruddas Ltd, Byculla

Wharton Crane & Hoist Co, Ltd, Stockport, England Overhead Travelling Cranes, Hoists and Chain Blocks Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

DAIRY AND DAIRY PRODUCTS

Eduard Ahlborn Akt-Hildesheim W Germany, (Machinery for the Milk and Cheese Industries) Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

Omira Oberland Milchverwertung G m b H, Ravensburg, W Germany (Dairy Products) Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

DENTAL GOODS

American Porcelain Tooth Co, Ltd, Tel Aviv, Israel Agents F W Pollack & Co, 11, Oak Lane, Fort, Bombay

Dental Manufacturing Co, Ltd, Dental Syringes, Instruments & Equipments Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Empire Dental Industry Ltd, Larnaca, Cyprus Agents F W Pollack & Co, 11, Oak Lane, Fort, Bombay

I C I LTD, Plastics Division, England "KALLODENT" & "KALLODENTINE" Dental Powders and Compositions, Agents: I C I (India) Ltd, Post Box No 310, Bombay 1

Nordenta (Sweden) Ltd Dental Syringes, Instruments & Equipments Sole Agents J L Morison Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

DIAMONDS, PEARLS, ETC.

Diamond Exporters & Importers Ltd, Post Box 1769, Tel Aviv Agents F W Pollack & Co, 11, Oak Lane, Fort, Bombay

Davey Patman & Co, Ltd, Standard Iron Works, Colchester Diesel Engines Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

East Japan Heavy Industries Ltd (Japan) For Beacon Diesel Engines Sole Agents in India Excellent Engineering Co, Botawala Building, Elphinstone Circle, Fort

Güldner Motoren Werke 13 a, Aschaffenburg Agents Chemical Engineering Corporation, 7 10, Elphinstone Circle, Fort

Parkins Hodge, Ltd, England Blenheim, Diesel Engineers Agents A H Shah & Co, Jan Mansion, Sir Phirozshah Mehta Road, Fort

Ruston & Hornsby Ltd, Lincoln & Grantham, England Horizontal & Vertical Stationary Diesel Engines, also Marine, Main and Auxiliary Diesel Engines Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Turner Manufacturing Co, Ltd, Wolverhampton Agents Killick Nixon & Co Ltd, Killick Bldg, Home Street, Fort

DIESEL ENGINES

Pelapone Engines Ltd, "Pelapone-Ricardo" Diesel Engines Sole Agents William Jacks & Co, Ltd, Ballard Estate

Robey & Co, Ltd, "Robey" Diesel Engines Sole Agents William Jacks & Co, Ltd, Hamilton House, Ballard Estate

DISINFECTANTS AND INSECTICIDES

ALKALI & CHEMICAL CORPORATION OF INDIA LTD, Calcutta (For ready mixed formulations of Gammexane etc) Agents I C I (India) Ltd, Post Box 310, Bombay 1

BRITISH SULPHATE OF COPPER ASSOCIATION LTD, 1, Great Cumberland Place, London, W 1 Copper Sulphate Agents in India I C I (India) Ltd, Post Box No 310, Bombay 1

Dakin Brothers, Ltd, 82, Middlesex Street, London, E 1 Manufacturers of Dakin s Creasol Disinfectant Agents J D Jones & Co (Bombay), Ltd, Rustom Building, Churchgate Street, Fort

Hercules Powder Co, Inc, Wilmington, Delware, U S A Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

IMPERIAL CHEMICAL INDUSTRIES LTD, General Chemicals Division, England "GAMMEXANE", "KILLOPTERA" and other Insecticides Selling Agents: I C I (India) Ltd, Post Box No 310, Bombay 1

Michigan Chemical Corporation, U S A Insecticides Sole Distributors Spencer & Co, Ltd, Spencer s Building, Forjett Street, Bombay 26

PLANT PROTECTION LTD, Bolton House, 61, Curzon Street, Piccadilly, London, W 1 (For plant protection products and growth promoting Chemicals) Agents in India I C I (India) Ltd, Post Box No 310 Bombay 1

Thomas Cowan & Co, Extermination of White ants Agents The Anglo-Thai Corporation, Ewart House, Bruce Street

Thresh Disinfector Co, Phoenix Works, Marriner Road, Keighley, Yorks Sole Agents Heatly & Gresham, Ltd, 9, Forbes Street

DISTEMPER

Sissons Brothers & Co Ltd, "Hall's" Distemper Sole Agents William Jacks & Co Ltd, Hamilton House, Ballard Estate, Fort

DREDGERS

Fleming & Ferguson Ltd, Paisley Agents Glenfield & Kennedy Ltd, 198, Jamshedji Tata Road, Fort

I H C Holland Holland Agents Killick Nixon & Co Ltd, Killick Building, Home Street Fort

Wm SIMONS & CO, LTD, Renfrew, Near Glasgow Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

DRAWING OFFICE EQUIPMENT

Mavitta Drafting Machines Ltd Anchor Works Park Road, Aston, Birmingham 6 England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road Ballard Estate

DRILLING AND BORING EQUIPMENT

Kitchen & Wade Ltd, Halifax, England Drilling Machines Agents Heatly & Gresham Ltd, 9, Forbes Street

Siemens Schuckert (G B) Ltd, Brentford, Middlesex Electric Hand Drills, Gate End Panels Wimet Bits, etc Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

DROP FORGING EQUIPMENT

Brets Patent Lifter Co Sole Shill Works, Coventry England Sole Agents Heatly & Gresham 9, Forbes Street, Fort

DRUGS & MEDICINES

Conray Products Co, New York, U S A Hormones, Drugs, Chemicals Representatives T Byramji & Co, Central Bank Buildings, Fort

Courtin & Warner, Ltd, Lewes, Sussex, England Chemicals, Drugs, Flavouring Essences Representatives T Byramji & Company, Central Bank Buildings, Fort

Dr Christian Brunnengraber Lubeck, Germany Insulin & other Drugs and Medicines Distributors E Bock & Co, Shale Building Bank Street, Fort

I C (PHARMACEUTICALS) LTD, England Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Mentholatum Co, Ltd, Slough, Bucks, England Mentholatum Balm Representatives T Byramji & Co, Central Bank Buildings, Fort

Otto A H Wolfer, Hamburg 1, Rosenstrasse 11 (Germany) Agents Hardcastle Waud & Co, Ltd, Alice Building, Hornby Road, Fort

DUPLICATING MACHINES

ELLAMS DUPLICATOR CO, LTD, Walton Road, Bushey Hall Road, Watford, England Duplicating Machines and Equipment Suppliers Representatives Latham Abercrombie & Co, Ltd, Forbes Building, Home Street, Fort.

DYESTUFFS

Chemapol Ltd, Panska 9, Prague II, Czechoslovakia Sole Agents for India Chemidye Trading Co, Ltd, Kamer Building, Cawasji Patel Street, Fort

CIBA LIMITED, Basle (Switzerland) Manufacturers of Aniline Dyes, Indigo, Alizarine, etc Sole Suppliers for India: Ciba Dyes Limited, Jehangir Building, Mahatma Gandhi Road, Fort, Bombay 1 Phone Nos 36846 & 36847 Tel Address "CIBA" Post Box No 479 Codes used Universal Trade, Bentley's Second Phrase and Private

Ciech, Ul Jasna, 10 Warsaw, Poland Sole Agents for India Chemidye Trading Co Ltd, Kamer Building, Cawasji Patel Street, Fort

Fairy Dyes Ltd, "Fairy" Household Dyes Sole Agents J L Morison, Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

I C I LTD, Dyestuffs Division, Manchester, England Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

L B HOLLIDAY & CO LTD, Huddersfield, England Sole Agents for India, Burma & Ceylon Amritlal & Co Ltd, 11, Sprott Road, Ballard Estate, Fort

EARTHMOVING MACHINERY

Le Tourneau Westinghouse Co, Bulldozers, Scrapers, Rooters & Rollers Sole Distributors William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

Newton Chambers & Co Ltd Hornclife, Near Sheffield Excavators, Earth Moving Plant Agents Balmer Lawrie & Co, Ltd 5, Graham Road, Ballard Estate

EDUCATIONAL FILMS

Common Ground Ltd Sydney Place, London, S W 7 Sole Agents National Education and Information Films Ltd, National House, Tulloch Road, Apollo Bunder

Coronet Instructional Films, Coronet Building, Chicago, U S A Sole Distributors National Education & Information Films Ltd, National House, Tulloch Road, Apollo Bunder

Edited Pictures System (E P S Instructional Films), 165 West, 46th Street, New York 19 Sole Agents National Education & Information Films Ltd, National House, Tulloch Road, Apollo Bunder

Films of the Nations, Inc, 62, West, 45th Street, New York 19 Sole Agents National Education and Information Films Ltd, National House, Tulloch Road, Apollo Bunder

Medical Research Film Library, 1569 Broadway, Brooklyn 7, New York Sole Agents National Education & Information Films Ltd, National House, Tulloch Road, Apollo Bunder

National Film Board of Australia, Canberra Sole Distributors National Education and Information Films Ltd, National House, Tulloch Road, Apollo Bunder

ELECTRIC LAMPS

Edison Swan Electric Co, Ltd, Ponders End, London, Electric Lamps, "Royal Ediswan" Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

ELECTRIC CONTROL GEAR

Allen West & Co Ltd, Electric Motors of all descriptions Sole Agents William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

Lawrence Scott & Electromotors Ltd, Electric Motors of all descriptions Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

ELECTRIC MOTORS

Lawrence Scott & Electromotors Ltd, Electric Motors of all Description Sole Agents William Jacks & Co, Ltd, Hamilton House, Ballard Estate, Fort

ELECTRIC PORCELAIN FITTINGS

Gaskell & Grocott Ltd Whitehall Works, Longport, Staffs Insulators Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

ELECTRIC SWITCHGEAR

Donovan Electrical Co Ltd, England, Electric Control Gear Switchfuse gear Fuseboards, Limit Switches and Push button stations Plugs and Sockets Contacts and relays Contact Ratansi Morarji Limited, Prospect Chambers, 317/21, Hornby Road, Bombay 1

ELECTRICAL ENGINEERS AND MFRS OF ELEC GOODS

British Thomson Houston Co, Ltd, Rugby Agents Associated Electrical Industries (India) Ltd, Indian Mercantile Chambers, Nicol Road, Ballard Estate

Edison Swan Electric Co, Ltd, London Agents Associated Electrical Industries (India) Ltd, Indian Mercantile Chambers, Nicol Road, Ballard Estate

Ferguson Pailin Ltd, Higher Openshaw, Manchester Agents Associated Electrical Industries (India) Ltd, Indian Mercantile Chambers, Nicol Road, Ballard Estate

International Refrigerator Co Ltd, London Agents Associated Electrical Industries (India) Ltd, Indian Mercantile Chambers, Nicol Road, Ballard Estate

Metropolitan Vickers Electrical Co, Ltd, Trafford Park, Manchester Agents Associated Electrical Industries (India) Ltd, Indian Mercantile Chambers, Nicol Road, Ballard Estate

Metropolitan Vickers G R S Ltd, London Agents Associated Electrical Industries (India) Ltd, Indian Mercantile Chambers, Nicol Road, Ballard Estate

Newton Victor Ltd, London Agents Associated Electrical Industries (India) Ltd, Indian Mercantile Chambers, Nicol Road, Ballard Estate

ELECTRICAL GOODS

Brush Development Company, Ohio, U S A General purpose microphones, general purpose headphones, general purpose phonograph pick ups, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Fresh'nd-Aire Company, Chicago, 1 Illinois, U S A Fresh nd Aire High stand air circulators Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

J & G Coughtrie Ltd, Hillington, Glasgow, S W 2 (England) Complete range of Lighting Fittings and Accessories Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Stevens Arnold, Inc, Boston, 27, Mass, U S A Electrical specialities Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

ELECTRICAL GOODS & APPLIANCES

Acme Electric Corporation, U S A, for Neon Sign Transformers and Fluorescent Lamp Ballasts Agents Ahmed A Farajbhoy, 38, Queen's Road

Artic Fuse & Electrical Mfg Co, Ltd, Birtlay Co, Durham, England Knife Switches, H R C Cartridge and Fuse Wire Type Switches, H R C Cartridge and Fuse Wire Type Switchboard Pattern Fuses, Ironclad Switchgear, etc Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Automatic Coil Winder & Electrical Equipment Co, Ltd, London AVO Electrical and Radio Test Instruments and Automatic Coil Winding Machines Sole Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Belling & Co, Ltd, Southbury Road, Enfield, Middlesex, England Electric Cookers & Heaters Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Black & Decker Mfg Co, Towson, Maryland, U S A Portable Electric Tools, etc Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Black & Decker Ltd, Harmondsworth, Middlesex, England Portable Electric Tools, etc Agents Greaves Cotton & Crompton Parkinson Ltd, 1, Forbes Street, Fort

Bowker, S O Ltd Birmingham Electrical Accessories Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Breuer Electric Mfg Co, Chicago Vacuum Cleaners and Portable Electric Blowers Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

British Insulated Callender s Cables, Ltd, Prescot, Lancashire, England Capacitors, Overhead Equipment, etc Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Bullers Ltd, 6, Laurence Pauntney Hill, London E C 4 Porcelain Insulators, etc Agents Greaves Cotton & Crompton Parkinson Ltd, 1, Forbes Street, Fort

Cooke & Ferguson, Ltd, Openshaw, Manchester, England High Tension Switch gear Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Crabtree, J A, & Co, Ltd, Walsall, Staffordshire, England Electrical Accessories and Ironclad Switchgear Agents Greaves Cotton & Crompton Parkinson Ltd, 1, Forbes Street, Fort

Crompton Parkinson Ltd, Crompton House, Aldwych London, W C 2, England Electrical Machinery, Lamps, Fans, Batteries, Wires, Cables, etc Agents Greaves Cotton & Crompton Parkinson Ltd, 1, Forbes Street, Fort

Driver Harris Co, Harrison, N J Nichrome Resistance Wires, Tapes and Alloys Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

E & E Kaye Ltd, England Bare Copper Strips, Plain and Enamelled D C C & S C C Wires Sole Agents Johnson & Phillips Ltd, Kaiser-i Hind Building, Currimbhoy Road, Ballard Estate

E Matter, Zurich Sole Agents Commodities Exchange Corporation, Jan Mansion, Sir Phirozshah Mehta Road, Fort

ELECTRIC SERVICE MANUFACTURING CO, Philadelphia, U S A "Crystal Valve" Lightning Arresters Agents Johnson & Phillips Ltd, Kaiser-i-Hind Building, Currimbhoy Road, Ballard Estate

ELECTRIC TRANSMISSION LTD, England Outdoor Switchgear and Fuses Sole Agents Johnson & Phillips Ltd, Kaiser-i-Hind Building, Currimbhoy Road, Ballard Estate

Electrical Apparatus Co, Ltd, St Albans, England Electric Control Gear Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Ferranti Ltd, Hollinwood (Lancashire) Powers Transformers Meters Radio Components, Electric Fires, Electric Clocks, Electric Water Heaters, Indicating Instruments, etc Sole Agents in India British Insulated Callender's Cables Ltd, Esplanade House, Waudby Road, Fort

Gent & Co, Ltd, Faraday Works, Leicester, England Electrical Clocks and Signalling Apparatus Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Henry Wiggin & Co, Ltd, Wiggin Street, Birmingham 16, England Electrical Resistance Materials Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street, Fort

Horstmann Gear Co, Ltd, Bath England H B T ' Electric Time Switches Sole Agents Johnson & Phillips Ltd, Kaiser-i Hind ' Building, Currimbhoy Road, Ballard Estate

LANDIS & GYR, London, England Electricity Meters Sole Agents Johnson & Phillips Ltd, Kaiser i-Hind Building, Currimbhoy Road, Ballard Estate

Landis & Gyr, Ltd, Zug (Switzerland) Electricity Meters Time Switches Sole Importers Volkart Brothers, Ballard Estate

Morgan Crucible Co, Ltd, Battersea Church Road London, S W 11, England Carbon and Morganite Brushes Agents Greaves Cotton & Crompton Parkinson, Ltd, 1, Forbes Street Fort

Nalder Bros & Thompson Ltd, England Electrical Measuring Instruments Sole Agents Johnson & Phillips Ltd, Kaiser i Hind Building, Currimbhoy Road, Ballard Estate

Record Electrical Co, Ltd, England Electrical Meters Sole Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Richard Johnson & Nephew Ltd, Forge Lane Manchester 11, Steel Cored Aluminium Conductor Agents Greaves Cotton & Crompton Parkinson Ltd, 1, Forbes Street Fort

Sanders (Wm) & Co, Wednesbury, England Switch and Fuse Gear Sole Agents in India British Insulated Callender s Cables Ltd, Esplanade House, Waudby Road, Fort

Santon Ltd Somerton Works, New Port (Mon), England, Exclusive distributors in Western India for Santon's Storage type Elec Water Heaters Refrigeration and Appliances Co Ltd, Previn Court, 95, Queen's Road

Simplex Electric Co, Ltd, Oldbury, Birmingham *Switch and Fuse Gear* Conduits and Fittings, Lighting Equipment Sole Importers Volkart Brothers, Ballard Estate

Veritys Ltd, 66 Quay Street, Manchester 3, London, W C 2, England Maxlume Electrical Fittings Agents Greaves Cotton & Crompton Parkinson Ltd, 1, Forbes Street, Fort

Walsall Conduits Ltd, West Bromwich, England Conduit Agents Balmer Lawrie & Co Ltd, 5, Graham Road, Ballard Estate

ELECTRICAL INSTRUMENTS AND APPLIANCES

Cornell Dubilier Electric Corp, New Jersey, U S A Capacitors of all types and sizes for application s power factor condensers Industrial condensers etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Eagle Electric Mfg Co Inc, Long Island City New York, U S A Electrical Accessories Agents Eastern Electric & Engineering Co 127, Mahatma Gandhi Road, Fort

Esterline Angus Co Inc, Indiana, U S A Electrical Instruments Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road Fort

Haydon Manufacturing Co, Connecticut, U S A Timing Motors and Apparatus Agents Eastern Electric & Engineering Co 127 Mahatma Gandhi Road Fort

Saugamo Weston Ltd Enfield Radio and Electrical Test Instruments Time switches, House service meters etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Triplett Electrical Instrument Co Bluffton, Ohio, Test Instruments Electrical meters Agents Eastern Electric & Engineering Co, 127 Mahatma Gandhi Road, Fort

ELECTRICAL INSULATING MATERIALS

H Clarke & Co (Manchester) Ltd, England Electric Insulating Materials, Sheets, Tubes and Rods Contact Ratansi Morarji Limited Prospect Chambers, 317 21, Hornby Road, Fort

ELECTRICAL PLANT

Asea Electric Ltd London Works at Walthamstow Mfg Electrical Engineers and Contractors Representatives Asea Electric Ltd Yaffi Building, Goa Street, Ballard Estate

Asea Vasteras Sweden Mfg Electrical Engineers and Contractors Representatives Asea Electric Ltd, Yaffi Building, Goa Street Ballard Estate

BROWN, BOVERI & CO, LTD, Baden (Switzerland) Steam Turbine and Electrical Machinery Apparatus of every description Sole Importers Volkart Brothers, Ballard Estate

Bruce Peebles Ltd, Edinburgh Electrical Machinery, Transformers etc Agents Guest, Keen Williams Ltd, Das Chambers Dalal Street, Fort

ELECTRICAL SWITCHES AND FUSES

Arrow Electric Switches, Ltd, Hanger Lane, Ealing London Switches & Accessories Agents Eastern Electric & Engineering Co 127, Mahatma Gandhi Road, Fort

S & C Electric Company, Chicago, 40, Illinois, U S A Overhead Switches & Fuses Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

William McGeoch & Co, Ltd, Birmingham 10 (England) Switch & Fusegear Electrical Fittings, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

W N Mathews Inc, Electrical Transmission Accessories such as Switches, Fuses, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort,

ELECTRICAL SWITCHGEAR

BROOKHIRST SWITCHGEAR LTD, Northgate Works, Chester, England Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

CANTIE SWITCHES LIMITED, Port Causeway, New Ferry, Birkenhead, England Manual Switchgear Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

IGRANIC ELECTRIC CO, LTD, Export Department, Victoria Station House, Victoria Road, London, S W 1 Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

M & C Switchgear Ltd, Glasgow Electrical Switchgear Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

ELECTRODES

Murex Welding Processes Ltd, Waltham Cross, Herts Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

UNION CARBIDE & CARBON CORPORATION, National Carbon Division, New York 17, N Y (U S A) Acheson Graphite and National Carbon Electrodes for Electrothermic & Electrolytic applications, Carbon Lining Blocks, Bricks, Paste, etc, Chemically inert "Karbate" (Impervious Carbon and Graphite) Products Representatives in India Volkart Brothers, Ballard Estate, Fort

United Metal Electrodes & Welding Equipment Ltd, 14, Howick Place London Sole Agents Datson, Raviraj & Co, 43, Tamarind Lane, Fort

Weldcraft Ltd, Progress Way, Croydon, England Manufacturers of 'Bronzecraft' Low Temperature Welding Rods Sole Agents Datson Raviraj & Co, 43, Tamarind Lane, Fort

Welding Supplies Ltd, London Electroder and Welding Plants Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

ELECTRONIC EQUIPMENT AND INSTRUMENTS

Chatham Electronics Corporation, Newark 2 New Jersey U S A Electronic tubes and special purpose tubes Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Samwell & Hutton Ilford, Essex (England) Electronic Equipment and Instrument Agents Eastern Electric & Engineering Co 127, Mahatma Gandhi Road, Fort

Westinghouse Trading Co (Asia) Ltd, New York 5 N Y U S A Electronic Products Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road Fort

ELECTROPLATING & POLISHING EQUIPMENTS

W Canning & Co, Ltd, Birmingham England Agents and Chief Distributors S Mitra & Co, 210 Girgaum Road, Bombay 4 Grams "Mludesh"

ENGINE GENERATORS

Johnson Motors Waukegan 111, Johnson Engine Generators Battery Charging Plants etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Kato Engineering International Co, New York 5, N Y, AC & DC Electric Lighting Plants, AC & DC Generators, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

ENGINEERING

Acrex Ltd, 46, Rutland Park, Sheffield Mine Ventilating Fans Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate, Fort

Ashworth & Parker, Ltd, Bury, Lances High Speed Steam Engines and Accessories Representatives W H Brady & Co, Ltd, Vir Nariman Street

Beck & Co, Ltd, etc Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

British Pitometer Co, Ltd, London Agents Glenfield & Kennedy, Ltd, 198, Jamshedji Tata Road, Fort, Bombay 1

Broadbent, Thos, & Sons, Ltd, Huddersfield Hydro Extractors and Clutches Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Christiani & Nielsen, Copenhagen, Denmark Patented R C C Arch Bridges with inclined hangers Sole Agents in India J C Gammon Ltd, Hamilton House, Ballard Estate

Clayton Crane & Hoist Co, Ltd, Liverpool Agents Glenfield & Kennedy, Ltd, 198, Jamshedji Tata Road, Fort, Bombay 1

Craven Bros Crane Division, Ltd, Loughborough Breakdown and Railway Cranes Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Glenfield & Kennedy, Ltd, Kilmarnock Agents Glenfield & Kennedy, Ltd, 198, Jamshedji Tata Road, Fort, Bombay 1

Henricot Steel Foundry, 5, Lawrence Pountney Hill, Cannon Street, London, E C 4 Steel Castings Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Hick Hargreaves & Co Ltd, Steam Engines and Turbo Generators Representatives W H Brady & Co, Ltd, Royal Insurance Building, Vir Nariman Street

Hoffman Sprinkler Co, Ltd, Manchester Specialists Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Hopkinson, Ltd, Huddersfield Mountings and Fittings for all classes of Engines and Boilers, Steam, Air and Oil Valves, Oil Purifiers Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Hunt & Co, Ltd, R, Earles Colne, Essex. Power Transmission Appliances Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Hydrautomat (1931) Ltd London Agents Glenfield & Kennedy Ltd, 198, Jamshedji Tata Road, Fort, Bombay 1

Kent, George, Ltd, Biscot Road Works Luton, Beds Steam, Water, Air and Oil Meters and Recorders Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Lister & Co (R A), Dursley, Glos Auto Trucks Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

Morris (Herbert), Ltd, Loughborough Hand & Electric Cranes, Pulley Blocks, Runaways, Stacking Machines, Lifts, Conveyors, Elevators, and all types of Mechanical Handling Equipments Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Norris, Henty & Gardner, Ltd, High Speed Oil Engines Sole Representatives W H Brady & Co, Ltd, Royal Insurance Buildings, Vir Nariman Street

Phillips Telescopic Taps Ltd, 62, Pall Mall, London, S W 1 Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Renold & Coventry Chain Co, Ltd, Didsbury, Manchester Chains, Chain Drives, etc Sole Representatives for India W H Brady & Co, Limited, 12/14, Vir Nariman Street

Richard Klinger Ltd, Klinger Engineering specialities Agents Hardcastle Waud & Co, Ltd, Alice Building, Hornby Road, Fort

Ultra Lens Company, The, London, E C 2 Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Vee Reg Valves Ltd, London Agents Glenfield & Kennedy, Ltd, 198, Jamshedji Tata Road, Fort, Bombay 1

Veeder Root Incorporated, Hartford, U S A Counters Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street, Fort

Vickers Armstrongs Ltd, Vickers House, Broadway, Westminster, London, S W 1 Agents Vickers (Eastern) Ltd, Killick Building, Home Street

Walton Company, D, Hartfort, Connecticut, U S A Broken Tap Extractors Agents Hardcastle, Waud & Co, Ltd., Alice Buildings, Hornby Road, Fort

Weir, G & J, Ltd, Glasgow Pumps & Power Plant Auxiliaries, Refrigeration Plant Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Wells, A C, & Company Ltd, Manchester Wells Oil Fliters Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

ENGINEERING STORES

Cement Gun Co, Ltd, London Agents John Fleming & Co, Ltd, Bastion Road, Fort

ENGINEERING STORES & HARDWARE

Butler & Son (B & S Valves) Ltd, Dukinfield Steam Valves, Steam Traps and Boiler Accessories Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Dicks Asbestos and Insulating Co, Ltd, Asbestos Packings Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Dixon (Joseph), Crucible Co, Graphite Specialities Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Nicholson File Co, Providence, U S A Files and Rasps Wholesale Representatives in Bombay State W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Signode Steel Strapping Co, Chicago "Signode System" of Strapping and Seals Sole Representatives W H Brady & Co, Ltd, 12/14, Vir Nariman Street

Valor Co, Ltd, Stoves Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

ENGRAVING MACHINES

George H Alexander Machinery Ltd, 82-83 84, Coleshill Street, Birmingham 4, England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate, Fort

Taylor, Taylor & Hobson Ltd, Leicester Engraving Machines, Pantograph Die Sinking and Milling Machines, Measuring Instruments Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

ESSENCES

Rayner & Co, Ltd, London Essences & Colours Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

Westfalische Essenzen Fabrik K G Dortmund—W Germany (Essences and Aromatic Chemicals) Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

ESSENTIAL OILS

Adrian & Klein S A Benicarlo—Spain Distributors for Essential oils and Concentrates Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

Bruno Court, Grasse, France Agents F W Pollack & Co, 11, Oak Lane, Fort

Dalfo Pages & Co, Figueras Spain Saffron Distributors F Bock & Co, Shale Building, Bank Street, Fort

Destilaciones Bordas Chinchureta, S A, Seville, Spain Essential Oils Distributors F Bock & Co, Shale Building, Bank Street, Fort

Dragoco, W Germany Agents B C Patel & Co, 143, Princess Street, Bombay 2

FELTON CHEMICAL CO, Inc, 599, Johnson Avenue, Brooklyn 37, N Y (U S A) Manufacturers of Solvohols, Aromatic Chemicals, Essential Oils, Perfume Oils, Flavours specialities, etc Sole Agents for Bombay State R K Shapurji & Co, Prospect Chambers, 319, Hornby Road, Fort, P B No 1065

Florasynth Laboratories (Canada) Ltd, Montreal, Canada Aromatic Chemicals, Food Colours & Flavouring Essences Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

Florasynth Laboratories Inc New York, U S A Aromatic Chemicals Food Colours & Flavouring Essences Agents Weil Company, Chateau Marine, 41-B, Marine Drive, Bombay 1

Gale & Mount, Limited, 20, Road Lane, London, England Representatives T Byramji & Co, Central Bank Buildings, Fort

J Gazignaire & Cie, Golfe Juan, France, Natural Synthetic & Food Colours Agents Weil Company, Chateau Marine, 41-B, Marine Drive, Bombay 1

Palestine Frutarom Ltd, Haifa, Israel Agents F W Pollack & Co, 11, Oak Lane, Fort

Schmoller & Bompard, Grasse, France Agents B C Patel & Co, 143, Princess Street, Bombay 2

W Sanderson & Sons, Messina, Italy Essential Oils Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1.

EXCAVATING EQUIPMENT

Northwest Engineering Co, Draglines, Shovels, Cranes and Clam Shells Sole Distributors William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

EXCAVATING MACHINERY MANUFACTURERS

Ruston Bucyrus, Ltd, Lincoln Excavating Machinery, Well and Blast Hole Drills Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Newton Chambers & Co Ltd, Hornchiffe, Near Sheffield Excavators, Earth-moving Plant Agents Balmer Lawrie & Co Ltd, 5, Graham Road, Ballard Estate

EXPANDED METAL

Stahlunion Export G m b H, Dusseldorf Steel materials and products of all kinds The Stahlunion Company Limited, 61, Pall Mall, London S W 1 The Stahlunion Company Limited, Indian House, 4th Floor, Fort Street, Bombay 1 Telegraphic Address 'Marcasteel' Bombay Branch Offices Calcutta & Delhi

FANCY GOODS MANUFACTURERS

Roy Tallent Ltd, 70 74, City Road, London Fine Fancy Goods, Cigarette Cases, Lighter, Key Chain Agents Windmere (India) Ltd, Sir Vithaldas Chambers, Apollo Street, Bombay

FANS

American Coolair Corporation, U S A Coolair Ventilating Fans Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road Fort

FANS, HUMIDIFICATION AND ELECTRICAL DUST BLOWERS

Sturtevant Engineering Co Ltd, London Mechanical Draught for Boilers, Fans for all purposes Vacuum Cleaners, Electric Dust Blowers Air Conditioning Humidifiers, Air Washers and Filters Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

Textile Air Systems Ltd, Radcliffe, Manchester Humidifying Plants and Unit Humidifiers Sole Agents Gannon Dunkerly & Co Ltd, Chartered Bank Building, Fort, Bombay

FENCING

Frost Steel & Wire Co, Ltd, Hamilton, Canada Woven Wire Fencing Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

FILES

Disston & Sons, Inc, Henry, America Files & Rasps Agents Richardson & Cruddas Ltd, Byculla

FIRE ENGINES AND APPLIANCES MANUFACTURERS

Dennis Bros Ltd, Guildford, Surrey, England Dennis' Motor, Fire Engines and Trailer Pumps Agents Roberts, McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road

Merryweather & Sons, Ltd, Greenwich, London Fire Engines & Appliances Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

FIRE EXTINGUISHERS

Antifyre Ltd, London Fire Extinguishers Agents in Western India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Ravenhose Ltd, England Fire Fighting Equipment & Hoses Agents John Fleming & Co, Ltd, Bastion Road, Fort

Walter Kidde Co, England Fire Extinguishers and Crash Tenders Agents Roberts McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road, Fort

FIRE FIGHTING APPLIANCES

Pyrene Company Ltd Sole Agents William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

FIRE WORK MFRS

ENGLISH METAL POWDER CO, LTD England Aluminium Powder Pyrotechnic Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

FISH (PRESERVED)

Seafood Products Ltd, Vancouver Frozen Fish Sole Distributors Spencer & Co, Ltd, Spencer's Building, Forjett Street, Bombay 26

Stavanger Preserving Co A S Canned Fish Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road Bombay 26

FLAME GUNS & BURNERS

Hauck Manufacturing Co, U S A Agents Guest, Keen, Williams, Ltd, Das Chambers, Dalal Street, Fort

FLAVOURING & PERFUMERY RAW MATERIALS

FELTON CHEMICAL CO, Inc, 599, Johnson Avenue, Brooklyn 37, N Y (U S A) Manufacturers of Solvohols, Aromatic Chemicals, Essential Oils, Perfume Oils, Flavours specialities, etc Sole Agents for Bombay State R K Shapurji & Co, Prospect Chambers, 319, Hornby Road, Fort P B No 1065

FLOOR HARDENING COMPOUND

Ironite Co, Ltd, 4, Holborne Place, Sloane Square, London S W 1 Sole Agents Heatly & Gresham, Ltd 9 Forbes Street, Fort

FORGING MACHINES

Ajax Manufacturing Co 1441, Chardon Road Cleveland 17 Ohio, U S A Agents Machine Tools (India) Ltd Imperial Chambers, Wilson Road Ballard Estate

National Machinery Co, Tiffin Ohio, U S A Forging Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

FORK LIFT TRUCKS

Coventry Climax Engines Ltd, Widdrington Road Works, Coventry Sole Distributors William Jacks & Co, Ltd, Hamilton House, Ballard Estate, Fort

Ransomes, Sims & Jefferies Ltd, Fork Lift Trucks Electric Fork Lift & Works Trucks Sole Agents William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

FOUNDRY MATERIAL & EQUIPMENT

Bridges, S N & Co , Ltd , London, Sieving and Grading Machines Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

FEDERAL FOUNDRY SUPPLY CO , U S A Manufacturers of " SANBLO " Core Blowers Sole Agents Pioneer Industries, 21, Forbes Street, P O Box 1909, Bombay 1 Phone No 31982 Grams " PIOMETAL "

Foundry Plant & Machinery Ltd , 113, West Regent St , Glasgow, Scotland, Sandslingers Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Foundry Services Ltd , Long Acre, Nechelles, Birmingham Foundry Fluxes Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

Hanek Manufacturing Co , U S A Agents Guest Keen, Williams Ltd , Das Chambers, Dalal Street Fort

Houghton, E F , & Co , Philadelphia Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

J W Jackman & Co , Ltd , Vulcan Works, Black Friers Road, Manchester, 3, England Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Morgan Crucible Co Ltd , The, Battersea Church Road London, S W 11 Morgan s Tiling and Lift out Furnaces—Coke and Oil fired, Crucibles and Accessories, Plumbago and Patching Materials, Refractory ware and other allied articles Sole Concessionaires Greaves Cotton & Co Ltd 1, Forbes Street, Fort

Morris, B O , Ltd Coventry, Wire Brushing Machinery and Brushes Agents in India Armstrong Smith Ltd Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Robinson Major & Co , Manchester Manufacturers of 'SCOLS" Iron Cement, Pipe Joint Compound, Tube and Bar Bending Machines Agents J D Jones & Co (Bombay), Ltd , Rustom Building, Vir Nariman Street

FRANKING MACHINES

FRIESTEMPLER GESELLSCHAFT MbH , Grillparzerstrasse 45, Frankfurt (Main) Germany Postalia Franking Machines Representatives Latham Abercrombie & Co Ltd , Forbes Building, Home Street, Fort

FRUIT JUICES AND EXTRACTS

Assis Palestine Fruit Products Co , Ltd , Tel Aviv, Israel Agents F W Pollack & Co , 11, Oak Lane, Fort

Cavo, Bischofszell, Switzerland Cider & Fruit Juices Agents Weil Company, Chateau Marine, 41-B, Marine Drive, Bombay 1

Fruchsaft G m b H Stuttgart Vaihingen, W Germany Non alcoholic Drinks Agents Weil Company, Chateau Marine, 41-B, Marine Drive, Bombay 1

Kia-Ora Ltd , London Manufacturers of Fruit Juices and Cordials Agents Shaw Wallace & Co , Ltd , 3, Wittet Road, Ballard Estate, Fort

FURNACES

British Furnaces Ltd , Derby Road, Chesterfield, England Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Gibbons Bros , Ltd , England (Manufacturers of Pottery, Tunnel, Kilns, etc) Representatives in India Indian Wild-Barfield Co Ltd , Lotus Trust Buildings, Hornby Vellard, Bombay 8

G W B Electric Furnaces Ltd , England (Manufacturers of large Electric Furnaces) Sole Agents Indian Wild Barfield Co , Ltd , Lotus Trust Buildings, Hornby Vellard Bombay 8

I C I LTD , General Chemicals Division, England (" CASSEL " Heat Treatment Furnaces) Selling Agents : I C I (India) Ltd , Post Box No 310, Bombay 1

John Mathison Ltd , Guiseborough England Heat Treatment Furnaces Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

Morgan Crucible Co Ltd , The, Battersea Church Road, London, S W 11 Morgan s Tiling and Lift out Furnaces, Oil and Coke fired Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

SKLENER FURNACES LTD , Cardiff, U K , Melting Furnaces, Reverberatory—Capacity 25 lb to 5 tons—oil, coke and gas fired Also Holding Furnaces Sole Agents Pioneer Industries, 21, Forbes Street, P O Box 1909, Bombay 1 Phone No 31982 Grams " PIOMETAL "

Stein & Atkinson Ltd , Parnell House, 25, Wilton Road, London S W 1 Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

Thermic Equipment and Engineering Co , Ltd , England Sole Agents in India Indian Wild Barfield Co Ltd , Lotus Trust Buildings, Hornby Vellard, Bombay 8

Wild Barfield Electric Furnaces Ltd , England Associated Company in India Indian Wild Barfield Co , Ltd , Lotus Trust Buildings, Hornby Vellard, Bombay 8

GARAGE EQUIPMENT

Adolf Ehman, Germany Alup Air Compressors, Hydraulic Car Lifts Car Washers, Grease Guns, Oil Cans Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Barrett Equipment Co , U S A , Brake Drum Lathes Brake Relining Machines, Hydraulic Brake Bleeder, Filler Tanks Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

B. E N Patents Ltd , High Wycombe, England Air Compressors, Spray Painting Plant, Tyre Inflectors, Car Washers, Sparkplug Cleaners Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

Cengar Universal Tool Corporation, England Cengar Panel Beater Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

C L Equipment, Ltd , Wolverhampton, " Janita " Motor Accessories Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Charles Weston & Co , Ltd , Manchester Oil and Glt Seals Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Churchill, V L , & Co , 27/34, Walnut Tree Walk, Kennington, London, S E 11 Agents Heatly & Gresham, Ltd , 9, Forbes Street, Fort

De Vilbiss Company, Ohio, U S A Air Compressing & Spray Painting Outfits, Hose, etc Agents John Fleming & Co , Ltd , Bastion Road, Fort, Bombay 1

Harvey Frost & Co , Ltd , England Garage Tools, Jacks, Tyre Changers and Vulcanizing Equipment Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Homestead Valve Manufacturing Co Ltd , U S A , Hypressure Steam Jennys Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

James Leach, Leeds Replacements Rings for Commercial Vehicles Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Joseph Bradbury & Sons, Ltd , England, Motor Garages Equipment Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Lempco International Inc , Cleveland 14, Ohio, U S A Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Lisle Corporation, U S A , Ridge Reamers, Cylinder Homes, Wet Honing Machines Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Morris, B O , Ltd , Coventry Morrisflex Flexible Shaft Equipment for Motor Garages, Workshops, and for Boiler Descaling Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road

Rogers Wilson & Co , Ltd , England Tyre Retreading Plant Agents in India Armstrong Smith Ltd Gresham Assurance House, Sir Phirozshah Mehta Road Fort

Tecalemit Ltd , Brentford, U K Agents Tecalemit (India) Ltd , 9, Forbes Street, Fort, Bombay

Van Norman Company, U S A , for Automotive Servicing Equipment for Garages and Workshops Distributors Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort, for Bombay Presidency, Saurashtra, Cutch, Madhya Pradesh and Calcutta Territory consisting of Bengal, Bihar, Orissa and Assam

Welding Supplies Ltd , London Portable Gas Cutting Machines Agents Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

GAS GENERATORS

Spensers (London) Ltd , 6, London Street, London, W 2 Gas Generators Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort.

GAUGES & INSTRUMENTS

BRITISH STEAM SPECIALITIES LTD , Fleet Street, Leicester, England (Pressure, Vacuum & Hydraulic Gauges, etc) Agents : Gaytee & Company, Janmabhoomi Chambers, Fort Street, Fort Grams : " IMPENG ".

Coley Thermometers Ltd , Brentford, Middlesex, Thermometers & Pressure Gauges Sole Concessionaires Greaves Cotton & Co , Ltd , Forbes Street, Fort

Dobbie McInnes Ltd , Glasgow Engine Indicators & Accessories Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

Heath & Co, London Mercury and Fluid in Glass Thermometers Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Joseph Tormey & Sons Ltd, England Gauge glasses, Pressure Vaccum & Temperature Gauges Agents John Fleming & Co, Ltd, Bastion Road, Fort, Bombay 1

GEAR CUTTING MACHINES

Sykes, W E, Ltd, Manor Works, Staines Middlesex, England Hobbing and Gear Generating Machine Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

GENERATORS

A Van Kaick Stresemann Alle 15, Germany Agents Chemical Engineering Corporation, 7-10, Elphinstone Circle, Fort

GLASS-CRETE BLOCKS

King, J A, & Co, Ltd, Bridge House, 181, Queen Victoria Street, London, E C 4 Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

GLASSWARE

DeGrelle Houdret & Co, London (The Belgian Glass Co) Glassware and Earthenware Agents The Anglo Thai Corporation, Ltd, Ewart House, Bruce Street

UNITED GLASS BOTTLE MANUFACTURERS LTD, England "SHERDLEY" brand Glassware Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

GLUCOSE AND STARCH MANUFACTURERS

A E Staley Manufacturing Co, Decatur, Illinois, U S A Trade Marks Lamb Brand 'AA', 'Eclipse" and "Staley's Agents The Sizing Materials Company, Limited, Jeroo Building, 137, Mahatma Gandhi Road, Bombay 1

Irving R Boody & Co, Inc, New York Liquid Glucose 45° Baume Distributors F Bock & Co, Shale Building, Bank Street, Fort

GLUES

BRITISH GLUES & CHEMICALS LTD, England Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1.

GREASE REMOVER

Thawpit Ltd, "Thawpit", Safe Grease Remover Agents Hardcastle Waud & Co, Ltd, Alice Building, Hornby Road, Fort

GRINDING MACHINERY, WHEELS, ETC.

Arter Grinding Machine Company, 15, Sagamare Road, Worcester 5, Mass, U S A Grinding Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Blanchard Machine Co, 64, State Street, Cambridge, 39, Mass, U S A Surface Grinding Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Bryant Chucking Grinder Co, 257, Clinton Street, Sprangfield, Vermount, U S A Internal Grinding Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road Ballard Estate.

Ex-cell-o Corporation, 126, Oakman Boulevard, Detroit 6, Michigan, U S A Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Galimeyer & Livingston Co, 336, Stralt Ave, S W Grand Rapids 4, Michigan, U S A Grinding Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

John Lund Ltd, Eastburn Works Cross Hill Nr, Keighley, England Grinding Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Landis Tool Co, Sixth & Ringgold Streets Waynesboro, Pa, U S A Hydraulic Grinding Machinery Agents Machine Tools (India) Ltd Imperial Chambers, Wilson Road, Ballard Estate

Morris, B O, Ltd, Coventry, Flexible Shaft Grinder Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir P M Road, Fort

Rowland, F E, & Co, Ltd, Reddish, Stockport Grinding Machines, Floor Stand Abrasive Cutting Off Machines Sole Agents William Jacks & Co, Ltd, Bombay

GUMS

Cheshire Gum Company, Ltd, Stockport, England Manufacturers of Locust Gums Trade Mark 'Hytra Brand" Sole Agents The Sizing Materials Co, Ltd, Jerroo Building, 137, Mahatma Gandhi Road, Fort, Bombay 1

H IMAMI & SONS, Teheran, Gum Tragacanth Selling Agents in India I C I (India) Ltd, Post Box No 310, Bombay 1

HARD AND SOFT BOARD

A AHLSTROM OSAKEYHTIO, P O Box No 329, Helsingfors, Finland Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

Karlit Co All types of hard and insulating Boards Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

HARDWARE

Kaye, Joseph & Son Ltd, Leeds Patent Oil Cans & Oil Storage Cabinets Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

P C Turck Wwe Ludenscheid/westf Buckles, Miscellaneous Hardware Agents Weil Company, Chateau Marine, 41 B, Marine Drive, Bombay 1

Wurttembergische Metallwarenfabrik, Geislingen, W Germany (Domestic Hardware, Cutlery, Tea & Coffee Machines) Agents Weil Company, Chateau Marine, 41-B, Marine Drive, Bombay 1

HEARING AIDS, ELECTRO-MEDICAL & THERAPEUTICAL INSTRUMENTS

Blaupunkt Werke, G M B H, Landgraf philipps—Anlage, 6, Darmstadt, West Germany Agents International Talkie Equipment Co Ltd, 17, New Queen s Road, Bombay 4

HEAT TREATMENT & METAL PROCESSING PRODUCTS

Houghton, E F, & Co, Philadelphia Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

HEAVY CHEMICALS

I. C I (INDIA) LTD, Post Box No 310, Bombay 1 For details please see under the heading "CHEMICALS"

HEAVY ELECTRICAL EQUIPMENT

Stabilimenti Electromeccanici Riceniti, Ansaldo—San Chicago, Mura Di Santa Chiara 1, Genova (Italy) Transformers, alternators for coupling to Diesel Engines, synchronous generators and anti transformers, direct current motors, Hydro-electric stations complete, Hydraulic turbines, etc Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

Zenith Electric Co, Ltd, London, N W 2 (England) Variacs —voltage regulating transformers Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

HEAVY ELECTRICAL AND MECHANICAL EQUIPMENT

Cantieri Rinniti Dell, Adriatico Trieste (Italy) Diesel Engines, Diesel Generating Stations Cranes Ships Auxiliary Machinery Transformers synchronous motors, welding sets, watertight electrical installations for ships and mines Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

HIGH SPEED, ALLOY AND HIGH CARBON STEELS

Firth s 'Speedicut High Speed Steel Sole Agents William Jacks and Co, Ltd, Hamilton House, Graham Road, Ballard Estate

HOISTING MACHINERY

Harvey Frost & Co, Ltd, England, Cranes Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Yale & Towne Mfg Co, Ltd, England For Chain Pulley Blocks, Material Handling Equipment Agents John Fleming & Co, Ltd, Bastion Road, Fort, Bombay 1

Yale & Towne Mfg Co, Philadelphia, U S A Pulley Blocks, Hoists, Cranes, Hand & Electric Lift Trucks Agents John Fleming & Co, Ltd, Bastion Road, Fort, Bombay 1

HOISTS

Geo W, King, Ltd, London Conveyors and Electric Hoists Agents Richardson and Cruddas, Ltd, Byculla

HOSE

De Vilbiss Company, Ohio, U S A Air Compressing, Spray Painting outfits and Hose, etc Agents John Fleming & Co, Ltd, Bastion Road, Fort, Bombay 1

Lewis & Tylor, Ltd, Cardiff, Gripoly Belting and Hose Agents Richardson & Cruddas Ltd, Byculla

McGregor & Co, Dundee, Scotland Flax and Rubber Lined Hose Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Ravenhose Ltd, England Fire Fighting Equipment & Hoses Agents John Fleming & Co, Ltd, Bastion Road, Fort, Bombay 1

HOSIERY GOODS (MFRS)

Aristoc Ltd, Langley Mills, Nottingham, England Aristoc Silk Stockings Representatives T Byramji & Co, Central Bank Buildings, Fort

I & R Morley Ltd , London, Hosiery Mfrs Agents The Anglo Thai Corporation, Ltd , Ewart House, Bruce Street

Towles Limited, Loughborough, England Explorer All wool Hosiery, Velvetex Underwear and Outerwear, etc Representatives T Byramji & Co , Central Bank Buildings, Fort

HOSIERY MACHINERY

Mellor Bromley & Co , Ltd , Leicester Hosiery Machinery, " Boyce " Weavers, Knitters Sole Agents Gannon Dunkerley & Co , Ltd , Chartered Bank Building, Fort Bombay

HOSPITAL EQUIPMENT (MFRS)

I C (PHARMACEUTICALS) LTD , England "Avlon" brand pharmaceuticals, Selling Agents I C I (India) Ltd , Post Box No 310, Bombay 1

JOHNSON & JOHNSON (GR BRITAIN) LTD , England Medical Aids Selling Agents I C I (India) Ltd , Post Box No 310, Bombay 1

Manlove Alliot & Co , Ltd , Nottingham Manufacturers of Sterilizers Disinfectors, Laundry Equipment, Oil Mill Machinery, etc Sole Agents William Jacks & Co , Ltd , Hamilton House, Graham Road, Ballard Estate

HYDRAULIC ENGINEERS

Glenfield & Kennedy, Ltd , Kilmarnock Agents Glenfield and Kennedy, Ltd , 198, Jamshedji Tata Road, Fort, Bombay 1

Hydrautomat (1931) Ltd London Agents Glenfield & Kennedy Ltd , 198 Jamshedji Tata Road, Fort, Bombay 1

HYDRAULIC JACKS

Ipco Ltd Leeds 7 England Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Bombay

HYDRAULIC MACHINERY

Glenfield & Kennedy, Ltd , Kilmarnock Hydraulic Accumulators Rams and Pumps Agents Glenfield & Kennedy, Ltd 198 Jamshedji Tata Road, Fort, Bombay 1

Hydrautomat (1931) Ltd , London Hydrostats and Hydraulic Rams Agents Glenfield & Kennedy, Ltd , 198, Jamshedji Tata Road, Fort, Bombay 1

John Blake Ltd , Accrington, Hydram Water Raisers Agents Richardson & Cruddas Ltd , Byculla

Leeds Engineering & Hydraulic Co , Ltd , Leeds Makers of Hydraulic Machinery Agents Richardson & Cruddas, Ltd , Byculla

IMPORT & EXPORT HOUSES

Colonial Exporters, Edinburgh, Scotland Exporters of Special Scotch Products Representatives T Byramji & Co , Central Bank Buildings, Fort

INDUSTRIAL ADHESIVES

B B Chemical Company Ltd , Industrial Adhesives 'Bostik' Sole Agents William Jacks & Co , Ltd Hamilton House, Graham Road, Ballard Estate

INDUSTRIAL INSTRUMENTS

HARRY W DIETERT, INC , Detroit, U S A Manufacturers of Sand Testing Equipment and Carbon and Sulphur Estimation Equipment Agents Pioneer Industries, 21, Forbes Street, P O Box No 1909, Bombay 1 Phone No 31982 Grams " PIOMETAL "

PYROWERK G M O H WENNIGSEN, Germany. Pyrometric Indicators, Recorders and Controllers Sole Agents Pioneer Industries, 21, Forbes Street, P O Box No 1909, Bombay 1 Phone No 31982 Grams " PIOMETAL "

TINSLEY (INDUSTRIAL INSTRUMENTS) LTD , London. Manufacturers of Molten Steel Measuring " Pyrometers ", " Pyrometers " for open hearth roof ; also Pressure detectors and Askania Controllers Sole Agents : Pioneer Industries, 21, Forbes Street, P O Box No 1909 , Bombay 1 Phone No 31982 Grams " PIOMETAL "

INDUSTRIAL KETTLES

Mercaton Corporation, U S A Agents for India Gladwyn & Co , 251, Hornby Road, Fort

INDUSTRIAL TRUCKS

Douglas (Kingswood) Ltd , 50, Pall Mall, London Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

INSULATING BOARD & MATERIAL

Continental Diamond Fibre Company, Bridgeport, Pa , U S A Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road, Fort

Diamond Fibre Co , Ltd , 59, Southward Street, London Agents Hardcastle, Waud & Co , Ltd , Alice Buildings, Hornby Road Fort

Dr Beck & Co , G M b H Hamburg, W Germany Insulating Material Agents Weil Company, Chateau Marine, 41 B, Marine Drive Bombay 1

Ioco Ltd , Anniesland Glasgow Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate

Mo & Domsjo Trading Co , Ltd , 47, Piccadilly, London, W 1 Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

INSULATORS (HIGH TENSION)

British Insulated Callenders Cables Ltd , London Agents Killick, Nixon & Co , Ltd , Killick Building, Home Street

Pilkington Brothers Ltd , St Helens, Lancs , England Manufacturers of High tension toughened glass insulators Agents J Stone & Co (India) Ltd , Yaffi Building, Goa Street, Ballard Estate

Societa Elettro-Marsetterie Milano 135, (Italy) High Tension Insulator holdings Agents Eastern Electric and Engineering Co , 127, Mahatma Gandhi Road, Fort.

Steatite & Porcelain Products, Ltd , Stourport Manufacturers of Overhead Line Equipment Agents J Stone & Co (India), Limited, Yaffi Building, Goa Street, Ballard Estate

Wade (Ulster), Ltd , Portadown, Northern Ireland High tension Insulators Agents Eastern Electric and Engineering Co , 127, Mahatma Gandhi Road, Fort

INSURANCE COMPANIES

Alliance Assurance Co , Ltd , London (Settlement of Marine Claims) Agents The Anglo-Thai Corporation Ltd , Ewart House, Bruce Street.

Alliance Assurance Co , Ltd , London (Inc. in England) Representatives Volkart Brothers, Ballard Estate

Baloise Fire Insurance Co , Ltd , Basle (Inc in Switzerland) Representatives Volkart Brothers, Ballard Estate

British Law Insurance Co , Ltd , London (Settlement of Marine Claims) Agents The Anglo Thai Corporation Ltd , Ewart House, Bruce Street

Compagnie Belge D'Assurances Maritimes, " Belgamar ", Antwerp (Settlement of Marine Claims) Agents The Anglo-Thai Corporation Ltd , Ewart House, Bruce Street

Helvetia Swiss Fire Insurance Co , Ltd , St Gall (Inc in Switzerland) Representatives Volkart Brothers, Ballard Estate

Insurance Company of North America (Inc in Pennsylvania) Principal Agents Volkart Brothers, Ballard Estate

" Levant " Insurance & Reinsurance Co , Genoa (Settlement of Marine Claims) Agents The Anglo-Thai Corporation Ltd , Ewart House, Bruce Street

London Assurance, London (Fire & Marine) Agents The Anglo-Thai Corporation Ltd , Ewart House, Bruce Street

Northern Assurance Co , Ltd , London & Aberdeen (Inc in Great Britain) Principal Agents Volkart Brothers, Ballard Estate

Prudential Assurance Co , Ltd , Holborn Bars, London, E C 1 All classes of insurance Agents Gillanders Arbuthnot & Co , Ltd , Elphinstone Building, Vir Nariman Road

Sea Insurance Co , Ltd , Exchange Buildings Liverpool 2 Marine Claims Settling, Agents Gillanders Arbuthnot & Co Ltd , Elphinstone Building Vir Nariman Road,

Yorkshire Insurance Co , Ltd , Agents Killick, Nixon & Co , Ltd , Killick Building, Home Street

IRON, STEEL & BRASS

BETHLEHEM STEEL EXPORT CORPORATION, 25, Broadway, New York, U S A Manufacturers of Tinplate, Structural Steel, Steel Wire, Railroad Equipment Representatives Volkart Brothers, Ballard Estate

Hallamshire Steel & File Co , Ltd , Hallamshire Works , Sheffield 3, England Sole Agents H Chokshi & Co , Ltd , 106/108, Medows Street, Fort, Bombay

SAVILLE, J J , & CO , LTD , Triumph Steel Works, Sheffield Mfrs of High Speed Carbon & Alloy Tool Steels Sole Distributors : Volkart Brothers, Ballard Estate

SOPEX BELGE S A , Anvers (Belgium) All kinds of Constructional Steels Agents Sudhir & Co , opp New Sugar Market, Frere Road, Bombay 9 Telephone 32532 Telegram " SPEEDSTEEL "

STAHLUNION-EXPORT G m b.H. Dusseldorf. Steel materials and products of all kinds The Stahlunion Company Limited, 61, Pall Mall, London S W 1

THE STAHLUNION CO , LTD , Indian House, 4th Floor, Fort Street, Bombay 1 Telegraphic Add : " MARCASTEEL " Bombay Tel Branch Offices : Calcutta—Delhi

VULCAN STEEL AND TOOL CO., LTD., Sheffield Makers of all Types High-grade Steels and Tools. Agents for India : Sudhir & Co , opp. New Sugar Market, Frere Road, Bombay 9. Telephone : 32532 Telegram : " SPEEDSTEEL."

WALTER SPENCER & CO, LTD., Crescent Steel Works, Warren Street, Sheffield 4, England. Manufacturers of High Speed and Alloy Tool Steels, Carbon Tool Steel, Twist-Drills, Files, Cutters, Hobs, Reamers, Cemented Tungsten & Carbide Tips, Tipped Tools and Tool Bits, etc., etc Agents: Gaytee & Co, Janmabhoomi Chambers, Fort Street. Grams: "IMPENG"

WILLIAM JESSOP & SONS LTD, Brightside Works, Sheffield Mfrs of Steel Forgings, Steel Castings, Permanent Steel Magnets and Cemented Carbide Tipped Tools Sole Distributors. Volkart Brothers, Ballard Estate.

W T Hawkins & Co, Huddersfield Mfgrs of Iron Cement Agents Richardson & Cruddas Ltd, Byculla

KITCHEN EQUIPMENT

Helmuth A Jensen, Denmark Products — Mix Master Juicers Agents for India Gladwyn & Co, 251, Hornby Road, Fort

LABELLING MACHINES

Rawsons (Labelling Machines) Ltd, Tunbridge Wells, England Labelling Machines for any Industry Agents Weil Company, Chateau Marine, 41-B, Marine Drive, Bombay 1

LABORATORY CHEMICALS MANUFACTURERS

GENERAL CHEMICAL DIVISION, ALLIED CHEMICAL & DYE CORP, 40, Rector Street, N Y 37, New York Manufacturers of B & A quality Laboratory Agents and Fine Chemicals Sole Agents for Bombay State R K Shapurji & Co, Prospect Chambers, 319 Hornby Road Fort, P B No 1065

LABORATORY EQUIPMENT

CHR BECK & SOHNE,—K G Kassel, Germany Manufacturers of Microscopes, Binoculars and other Optical Instruments Sole Agents for India J T Jagtiani, National House, 6, Tulloch Road, Apollo Bunder, Bombay

COOK, TROUGHTON & SIMMS LTD, York, England Manufacturers of Medical, Petrological, Metallurgical Stereoscopic, etc Microscopes also "VICKERS" Projection Microscopes Agents Pioneer Industries, 21, Forbes Street, P O Box No 1909, Bombay 1 Phone No 31982 Grams: "PIOMETAL"

Eppenbach Inc, Long Island City, N Y, U S A Agents Raj Der Kar & Co, Commissariat Building, Hornby Road

Metafiltration Co Ltd, Hounslow, Middlesex Metafiltrater for Laboratory and Industrial use Agents Roberts, McLean & Co, Ltd, Ilaco House, Sir P Mehta Road

THOMAS TYER & CO, LTD, England "STIRLING" Brand laboratory Chemicals and Reagents Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

TINSLEY (INDUSTRIAL INSTRUMENTS) LTD., London Manufacturers of "TINSLEY" Polarographs, Pencil Thickness Gauges Sole Agents Pioneer Industries, 21, Forbes Street, P O Box No 1909, Bombay 1 Phone: No 31982 Grams: "PIOMETAL"

LAMPS AND LANTERNS MANUFACTURERS

Ceag Ltd, 53, Victoria Street, London, S W 1 Miner's Electric Safety Lamps Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

I C I PLASTICS DIVISION, England. "CRINOTHENE" Lamp-shade Material Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Tilley Lamp Co, Ltd, Hendon, N W 4 Patent Kerosene Floodlight Projectors. Agents Roberts, McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road

LATCHES, LOCKS & SAFES

Cheney, C W & Son, Ltd, Factory Road, Hockley, Birmingham, 19 Agents Soho House, Lohar Street

Chubb & Sons Lock & Safe Co, Ltd, 128, Queen Victoria Street, London, E C 4 Strong Rooms, Safe Deposits, Safes, Cash Boxes, Locks and Security Equipment Agents Marshall Sons & Co (India) Limited, Marshall Buildings, Ballard Road

LAUNDRY EQUIPMENT

Manlove Alliot & Co Ltd, Nottingham Manufacturers of Sterilizers, Disinfectors, Laundry Equipment, Oil Mill Machinery, etc Sole Agents William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

LAWN MOWERS

Alexander Shanks & Son Ltd, Arbroath Lawn Mowers Agents Richardson & Cruddas, Ltd, Byculla

LEATHER & SKINS

John Ormerod & Sons Ltd, England Agents Altex Ltd, 147, Mahatma Gandhi Road Fort

Thomas Evans & Sons Ltd, Sawston, Cambridge Agents Soho House, Lohar Street

LEATHER BELTINGS

A Domange Fils, 74, Boulavard Voltere, Paris, France Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank, Building, Fort, Bombay

LEATHER CLOTHS

Robert Pickles Ltd Portsmouth Mill, Portsmouth, Near Todmordan Agents Soho House, Lohar Street

LEATHER GOODS MANUFACTURERS

Bridge of Weir Leather Co, Ltd, Bridge of Weir, Near Glasgow "Warm Sit" Leather for Upholstery Agents Hard castle, Waud & Co, Ltd, Alice Buildings, Hornby Road Fort

Greenwich Leathercloth Co Ltd, St Mary Gray, Kent Manufacturers of Leathercloth & Plastic Sheetings Sole Agents W A Beardsell & Co Ltd, 15 16, Sir Phirozshah Mehta Road, Fort

Henry F Cockill & Sons, Ltd, Marfleet Hull, England Power Transmission Engineers and Specialists in all leather accessories for the textile industry Trade Marks "Cleckta", "Stretchless", "Lancashire Special" and "Lancashire Standard" Agents The Sizing Materials Co, Ltd, Jeroo Building, 137, Mahatma Gandhi Road, Bombay

Houghton, E F, & Co, Philadelphia Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

LIFTING EQUIPMENT

Hall, J & E, Ltd, Dartford, Kent England Manufacturers of Lifts and Escalators Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

LIFTS (ELECTRIC)

Marryat & Scott, London Electric Passenger and goods Lifts Agents John Fleming & Co, Ltd, Bastion Road Fort, Bombay 1

LIGHTHOUSE BEACONS, MOORING BUOYS, SEA LANTERNS, ETC

JULIUS PINTSCH WEST—K G Frankfurt, Germany, Lighthouse Beacons, Mooring Buoys, Sea Lanterns, etc, etc Agents Gaytee & Co, Janmabhoomi Chambers, Fort Street, Bombay 1

LINOLEUM

Tayside Floorcloth Co, Ltd, Newburgh Fife, Scotland Sole Agents Heatly & Gresham, Ltd, 9, Forbes Street

LITHOGRAPHERS

Laws Rabjohns Ltd, Acre Works, Brooklands Road Weybridge, Surrey Drawing Office Materials and Equipment Agents Gillanders Arbuthnot & Co, Ltd, Elphinstone Building, Vir Nariman Road

Waterlow & Sons Ltd, 26/27, Gt Winchester Street, London, E C 2 Protective Cheque Specialists, Bank Notes, Bond and Stamp Engravers Agents Gillanders Arbuthnot & Co, Ltd, Elphinstone Bldg, Vir Nariman Road

LOCOMOTIVE EQUIPMENT

Associated Locomotive Equipment Ltd, London Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

Banting & Tresilian Ltd, Moxley, Holmsbury, St Mary, Surrey, England Sole Agents Heatly & Gresham, Ltd 9 Forbes Street

COMPTOIR DES FERRURES, Charleville (Ardennes), France Locomotive, Carriage and Wagon Parts Agents Gaytee & Co, Janmabhoomi Chambers, Fort Street, Bombay 1

MATISA EQUIPMENT LIMITED 78, Buckingham Gate, Westminster, London, S W 1 (England) Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

Superheater Co, Ltd, 53, Hay Market London, S W 1 Sole Agents for India, Burma and Ceylon J Stone & Co (India), Ltd, Yaffi Building, Gen Street, Ballard Estate

WM GRIFFITH & SONS LIMITED, Savile Street East, Sheffield, 4 (England) Laminated Springs Representatives: James Finlay & Co, Limited, P O Box No 73, Bombay 1

LOCOMOTIVES

Bagnall, W G, Ltd, Castle Engine Works, Stafford Steam and Diesel Locomotives, Railway Equipment Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Beyer Peacock & Co Ltd, Manchester Agents Guest, Keen, Williams Ltd Das Chambers, Dalal Street Fort

Drewry Car Co Ltd, London Agents Guest Keen, Williams Ltd, Das Chambers, Dalal Street Fort

DU-CROO & BRAUNS, N V Machinefabriek, Amsterdam, Holland Steam & Diesel Locomotives for all Rail Gauges Agents Associated Machine Tool Co, 130, Medows Street, Fort, Bombay 1

NORTH BRITISH LOCOMOTIVE CO LTD, 110, Flemington Street, Springburn, Glasgow, N Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

Ruston & Hornsby Ltd, Lincoln Narrow & Metre Gauge Diesel Locomotives and Broad Gauge Shunting Diesel Locomotives Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Yorkshire Engine Co, Ltd, Sheffield, England Steam and Diesel Electric Locomotives Sole Representatives The United Steel Companies (India) Ltd, Himalaya House, Hornby Road, Fort

LOUDSPEAKERS AND PUBLIC ADDRESS EQUIPMENT

Du Kane Corporation St Charles, Illinois, U S A Public Address amplifiers loud speakers for radio and public address Flexifone etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Pamphonic—Reproducers, Ltd, London (Pye, Ltd), Cambridge (England) Public address Equipment Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Reslosound Ltd, England Loudspeaker Units Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

LUBRICATING OILS AND GREASES

Acheson, Colloids Ltd, London 'Colloida Graphite Products', Oildag', 'Aquadag', etc Agents Hardcastle Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Edgar Vaughan & Co, Ltd, Birmingham Agents Hardcastle Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Germ Lubricants Ltd, London Lubricating Oils and Greases made on the Wells Southcombe Process for increasing oiliness Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street Fort

Gulf Oil (India) Ltd, Selling Agents Killick Nixon & Co Ltd, Killick Building, Home Street, Fort

Houghton, E F, & Co, Philadelphia Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Ocean Oil Co (1942) Ltd, Marine Engine Oils Agents Hardcastle, Waud & Co, Ltd, Alice Buildings Hornby Road, Fort

Penn Export Petroleum Division, New York, U S A Petrolatums, Technical and Mineral Oils, Lubricants Representatives T Byramji & Co, Central Bank Buildings, Fort

Tecalemit Limited, Brentford, U K Agents Tecalemit (India) Ltd, 9, Forbes Street, Fort, Bombay

MACHINE TOOLS

Adcock and Shipley Ltd, Ash Street, Leicester, England Mfrs of High precision Drilling & Tapping Machines, Special Machine Tools, etc Agents in India Ambee (India) Ltd, Kitab Mahal, Hornby Road P O Box No 1158

American Tool Works Company, Pearl and Eggleston Aves, Cincinnati 2, Ohio, U S A Lathes, Shapers and Radial Drills Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

B S A Tools Ltd Automatic Lathes etc Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

Barnes Drill Co, 814, Chestnut Street, Rockford, Illinois, U S A Drilling & Housing Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Bullard Co 286 Canfield Ave Bridgeport 2, Connecticut, U S A Vertical Turret Lathes Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

C C Bradley & Son Inc, Syracuse, N Y U S A Power Hammers Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

C & E Fein Germany Portable Electric Tools Agents in India Armstrong Smith Ltd Gersham Assurance House, Sir Phirozshah Mehta Road Fort

Charles Taylor (Birmn) Ltd Bartholomew Street, Birmingham 5 England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Churchill-Redman Ltd, Parkinson Lane, Halifax Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

Cincinnati Milling Machines, Cincinnati, Ohio, U S A Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

Cincinnati Milling Machines Ltd, Woodlands Farm Road, Tyburn, Birmingham, England Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

Cincinnati Shaper Co, Cincinnati, Ohio, U S A Press Brakes, Shears and Shaping Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Consolidated Machine Tool Corpn, Rochester 10 N Y, U S A Heavy Duty Machine Tools Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Covel Hanchett Co, Big Rapids, Michigan, U S A Saw & Knife Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Craven Brothers (Manchester) Ltd, Heavy Machine Tools Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

Dean Smith & Grace Ltd Keighley High Precision Centre Lathes Sole Agents William Jacks & Co Ltd Hamilton House, Graham Road Ballard Estate

Denhams Engineering Co, Ltd, Empire Works, Holmfield, Halifax, England Heavy Duty Lathes Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Dowding & Doll Ltd, Greycoat Street, Westminster, London, S W 1, England Workshop Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Electromagnets Ltd, Boxmag Works, Bond Street, Birmingham 19, England Magnetic Equipment Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

E W Bliss Company, 480, Amsterdam Ave, Detroit 2, Mich, U S A Sheet Metal Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

E W Bliss (England) Ltd, City Road, Derby, England Sheet Metal Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Flextol Engineering Company Ltd, Flextol Works, The Green Ealing, London, W 5, England Flexible Shaft Equipment Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Fredk, Town & Sons, Ltd, Mile Cross Engineering Works, Gibbet Street, Halifax, England Radial Drills Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Geometric Tool Co, Blade & Valley Streets, New Haven 15, Connecticut, U S A Die Heads Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

George H Alexander Machinery Ltd, 82 83 84, Coleshill Street, Birmingham 4, England Toolroom Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road Ballard Estate

Gray, G A, Co, 3611, Woodburn Ave, Cincinnati 7 Ohio, U S A High Speed Planning Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Greenwood & Batley Ltd, Albion Works, Leeds 12, England Forging Machines & Special Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Grinston Electric Tools Ltd, Progress Way, Croydon, England Pillar Drilling Machines Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Hannifin Corporation, 1101 South Kilbourn, Chicago 24, 111, U S A Pneumatic Presses Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Hepnan & Froude Ltd Worcester England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Henry Berry & Co, Ltd, Croydon Works, Hunslet, Leeds, England Hydraulic Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Jacobs Manufacturing Co Hartford 2, Connecticut, U S A Drill Chucks Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

John Harris Tools Ltd, Millers Road, Warwick England Agents Machine Tools (India) Ltd Imperial Chambers, Wilson Road Ballard Estate

Jones & Shipman Ltd, Machine Tools Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

Joseph Bradbury & Sons, Ltd, England Machine Tools Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Joseph Thompson (Sheffield) Ltd, Townhead Street, Engineering Works Sheffield 1, England Cutting Tools Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Keeton Sons & Co Ltd, Rovds Foundry & Engg, Works, Royd's Lane, Attercliffe, Sheffield 4, England Sheet Metal Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Kennedy Ltd, W, Middlesex, England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Kerry's Great Britain Ltd , Warton Road, Stratford, London F 15, England Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Leo C Steinle, Ltd , 93, Albert Embankment, London, S E 11, England Automatic Trappers and Thread Generating Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Manchester Repetition Engineers Ltd , Reynold Works Chell Street Longsight, Manchester, England Tool Boxes and Centering Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Micromatic Hone Corporation, 8100 Schoolcraft, Detroit 4, Michigan, U S A Honing Machinery Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Midgley & Sutcliffe Ltd , Hillidge Works, Hunslet, Leeds 10, England Milling & Radial Drilling Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road Ballard Estate

Morris, B O , Ltd , Coventry Machine Tools Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Morton Manufacturing Co , Broadway & Hoyt Muskegon Hights, Michigan, U S A 'Drawcut" Shapers Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

New Britain Machine Co , New Britain Gridley Machine New Britain, Connecticut, U S A Multi Spindle Automatic Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Planners (Huddersfield) Ltd , Prospect Iron Works Lockwood Huddersfield, England Planning Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Potter & Johnston Machine Co , 1027, Newport Ave , Pawtucket, Rhode Island, U S A Automatic Chucking Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road Ballard Estate

Pratt & Whitney Co Division Niles Bement-pond Co , West Hartford 1, Connecticut U S A Toolroom Machinery, Precision Tools, Cutting Tools Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Racine Tool & Machine Co , 1760, State Street, Racine, Wisconsin, U S A Metal Cutting Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

R G Ross & Son Ltd , 120 Tradeston St , Glasgow, C 8 England Electric, Pneumatic & Steam Hammers Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Russell, S , & Sons Ltd , Leicester Cold Sewing Machines, Saw Sharpening Machines Sole Agents William Jacks & Co , Ltd Hamilton House, Graham Road, Ballard Estate

Saunders Tool Co , Denham, Bucks, England Tool Boxes Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Slack & Parr, Kegworth, Derby, England Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Sleeper & Hartley Inc , Worcester, Mass , U S A Spring making Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Societe Alsacienne De Constructions Mecaniques, Graffen, France Staden Machine Tools Sole Agents Gannon Dunkerley & Co , Ltd , Chartered Bank Building, Fort, Bombay

South Bend Lathe Works, 425, East Madison Street, South Bend 22, Indiana U S A Precision Lathes Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road Ballard Estate

Standall Engineering Ltd , England Forging Hammers, Air Compressor Plants Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate

Stanley Machine Tool Company Ltd , New Bank Halifax, England Screw Cutting Lathes Agents Machine Tools (India) Ltd Imperial Chambers, Wilson Road, Ballard Estate

Thos Ryder & Sons Ltd , Turner Bridge Works Bolton Lanes England Agents Machine Tools (India) Ltd Imperial Chambers, Wilson Road, Ballard Estate

Townsend Mfg Co , H P Hartford 1, Conn U S A Screw making Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

Turner Machine Tools Ltd 63 68, Principp Street Birmingham 5, England Grinding Machines Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road Ballard Estate

Wm Asquith Ltd , Radial Drills Sole Agents William Jacks & Co Ltd , Hamilton House, Graham Road, Ballard Estate

Wm Coulthard & Co Ltd , Engineering Division, Durranhill Road Carlisle England Die Casting Machines Agents Machine Tools (India) Ltd Imperial Chambers, Wilson Road, Ballard Estate, Fort

Warner & Swasey Co 5702 Carnegie Avenue, Cleveland Ohio U S A Turret Lathes Agents Machine Tools (India) Ltd , Imperial Chambers, Ballard Estate

Waterbury Farrell Foundry & Machien Co , Waterbury Conn U S A Agents Machine Tools (India) Ltd Imperial Chambers Wilson Road, Ballard Estate

Weatherley Oilgear Ltd Crossley Road, Heaton Chapel Stockport Cheshire England Agents Machine Tools (India) Ltd Imperial Chambers, Wilson Road, Ballard Estate

Wickman Ltd , Pile Hill Coventry, England Automatics, Bar & Chuckings, Toolroom Machinery, Carbide Tools Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

MACHINERY (BAG FILLING)

Sack Fillers Ltd London Sole Agents Killick Nixon & Co , Ltd , Killick Building, Home Street, Fort

MACHINERY (ELEC. & MECH)

Baldwin Locomotive Works Philadelphia, Pa , U S A , Agents Raj Der-kar & Co , Commissariat Building, Hornby Road, Fort

Christy & Norris Ltd , Chelmsford Disintegrators, Hammer Mills, Screening Plant Sole Concessionaires Greaves Cotton & Co Ltd , 1, Forbes Street, Fort

Colerete Ltd , London Manufacturers of Colloidal Mixers and Colloidal Grouting Sole Agents in India J C Gammon, Ltd , Hamilton House, Ballard Estate

Doughnut Corporation of America, 393, 7th Avenue, New York 1 Sole Distributors in India Refrigeration & Appliances Co , Ltd , Pravin Court, 95 Queen s Road, Bombay 1

Electric Construction Co Ltd , 9 Kingsway, London Electric Motors and Generators Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate

Hattersley & Davidson Ltd , Sheffield Power Hammers, Pipe and Box Locators Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road Fort

Hindle Son & Co , Ltd , Blackburn Electric Baling Presses Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street, Fort

LISTER & CO , LTD (R A), Dursley, Glos Petrol and Diesel Engines, Pumping, Generating Sets, Cream Separators and Dairy Equipment Importers Volkart Brothers, Mechanical Department, Ballard Estate

Power Plant Co Ltd , England Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate

Stokes F J , Machine Company, Philadelphia U S A Sole Agents Raj Der-kar & Co , Commissariat Building, Hornby Road, Fort

SULZER BROTHERS LTD , Winterthur, Switzerland Diesel Engines, Pumps, Solvent Extraction Plant Sole Importers Volkart Brothers, Mechanical Department, Ballard Estate

Taylor & Jones Ltd , Honley Reamers & Tool Holders Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road

Taylor Taylor & Hobson Ltd , Leicester Engraving Machines, Pantograph Die Sinking & Milling Machines, Measuring Instruments Sole Agents William Jacks & Co , Ltd , Hamilton House, Ballard Estate, Fort

Trumpf & Co Stuttgart, Wellmadorf West Germany Electric Metal Cutting Machines Agents Weil Company, Chateau Marine 11 B, Marine Drive, Bombay 1

W C Dillon & Company Inc , Chicago 44, Illinois, U S A Agents Raj Der Kar & Co , Commissariat Building, Hornby Road, Fort

Weston, Shipley & Weston Ltd , Leicester Kut Out ' Machines for Pipe Cutting Agents Richardson & Cruddas Ltd , Byculla

MACHINERY MANUFACTURERS

A J Amsler & Co Schaffhouse, Switzerland Testing Machines, Planimeters, Integrators, Flow meters Sole Importers Volkart Brothers Ballard Estate

Ateliers Louis Carton Limited Belgium Complete Plant and Equipment for Cement Lime Plaster Chalk and Chemical Industries Contact Ratansi Morarji Limited Prospect Chambers, 317 21, Hornby Road, Bombay 1

Broom & Wade Ltd , High Wycombe, Bucks, England Air Compressors Pneumatic Tools Sole Importers Volkart Brothers Ballard Estate

C H L Manufacturing Co 3819 North Palmer Street, Milwaukee 12 Wis (U S A) Sole Agents in India Excellent Engineering Co Botawala Building, Elphinstone Circle Fort

Cement Gun Co , Ltd , London Agents John Fleming & Co Ltd , Bastion Road, Fort, Bombay 1

DELMAG, Maschinenfabrik Reinhold-Dornfeld Esslingen Am, Neckar, Germany Manufacturers of Dissel pile Driver , Multipurpose Petrol Rammer and Delmag frog Petrol Rammer (Handy and easily portable,

very useful in River Valley Projects, consolidation of highways and Embankments Available in Light and Heavy duty Sole Selling Agents in India: C Bole & Co, 61, Narayan Dhuru Street, Bombay 3

Herlan & Co, Germany Mfrs of Collapsible Tube Making Plant Agents for India Gladwyn & Co, 251, Hornby Road, Fort

Joy Manufacturing Co, Michigan City, U S A Mining Machinery, Construction Machinery, Drills Sole Importers Volkart Brothers, Ballard Estate

Lubecawerke G m b H, Germany Mfrs of Double Seamers Agents for India Gladwyn & Co, 251, Hornby Road, Fort

Maskinfabriken Skandia A s, Denmark Agents for India Gladwyn & Co, 251, Hornby Road, Fort

Rieck & Melzian, Germany Agents for India Gladwyn & Co, 251, Hornby Road, Fort

Societa Napoletana (Bencini), Italy Agents for India Gladwyn & Co, 251, Hornby Road, Fort

STAHLUNION EXPORT G m b H Dusseldorf Steel Materials and products of all kinds The Stahlunion Co, Ltd, 61, Pall Mall, London S W 1

STAHLUNION CO, LTD, Indian House, 4th Floor, Fort Street, Bombay 1 Telegraphic Add "MARCASTEEL" Bombay Tel Branch Offices: Calcutta—Delhi

Sturtevant Engineering Co Ltd, England Crushing Grinding, Screening Separating, and Mixing Machinery for all Industries including Laboratory Machinery Contact Ratansi Morarji Limited, Prospect Chambers, 317/21, Hornby Road, Bombay 1

Vickers-Armstrongs Ltd, Vickers House, Broadway, Westminster, London, S W 1 Agents Vickers (Eastern) Ltd, Killick Building, Home Street, Fort

MACHINERY PRESSURE GAUGES

EAGLE & WRIGHTS STEAM GAUGE & FITTING CO, 87, Carver Street, Birmingham 1, England Manufacturers of Bourdon's Pressure, Vacuum, Compound, Hydraulic Gas and Other Gauges Sole Agents for Bombay, State R K Shapurji & Co, Prospect Chambers, 319, Hornby Road, Fort P B No 1065

MACHINERY (TEXTILE)

Armstrong Cork Co, Lancaster, Pa, U S A Agents Roberts McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road

Arundel Coulthard & Co, Ltd, Stockport Doubling, Winding and Gassing Frames Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Arundel Coulthard & Co, Ltd, Preston Spindles, Rings, Lawn Mowers Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Atwood Division Universal Winding Co, Hartford, U S A Silk Machinery Representatives W H Brady & Co, Ltd, 12-14, Churchgate Street, Fort, Bombay 1

Cook & Co, Manchester, Ltd, Spinning and Doubling Travellers, Card Vacuum Stripping Plants, Spinning Specialities Sole Representatives W H Brady & Co, Ltd, 12 14, Churchgate Street

Cooper, C, & Sons, Radcliffe, Manchester Acme Greasing and Double Folding Machines Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Daniel Foxwell & Sons, Ltd, Cheadle, Manchester Cloth Rolling, Folding, Measuring and Lapping Machinery Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Dronsfield Bros Ltd, Oldham Card Mounting, Grinding, Testing and Roller Covering Machinery Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Dronsfield Bros, Ltd, Oldham Card Mounting and Grinding Machinery, Roller Covers Plant Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Dronsfield Bros Ltd, Oldham Grinding Equipment, Emery, Fillet Roller Covering Machinery Concessionaires Greaves Cotton & Co Ltd, 1, Forbes Street, Fort

George Clayton Ltd, Preston Healds & Reeds Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

George Metcalf & Co, Ltd, Oldham Warpers and Sizing Expanding Combs, Straight or Zig Zag pattern Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

George Orme & Co, Ltd, Oldham Hank Indicators, Pick Counters Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building Fort, Bombay

Goodbrand & Co Ltd, Stalybridge Yarn & Cloth Testing Machines Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Gregson & Monk, Ltd (Incorporating Atherton Bros Ltd), Preston, England Manufacturers of Plain and Automatic Looms and Preparing Machinery Sole Agents The Sizing Materials Co, Ltd, Jerroo Building, 137, Mahatma Gandhi Road, Bombay 1

Grob & Co Ltd, Horgen, Switzerland Wire and Flat Steel Healds Sole Importers Volkart Brothers Ballard Estate

H Brinton Company, Philadelphia, U S A Automatic Knitting Machinery Representatives W H Brady & Co, Ltd, 12 14, Churchgate Street, Fort, Bombay 1

Harding Rhodes & Co, Ltd, Leeds Hard Wood, Lags for Roving Waste Openers Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort Bombay

Henry Livesey Ltd, Blackburn Weaving Machinery Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Henry Mills & Sons Ltd, Tottington, Bury, Plain Automatic and Handloom Shuttles for Cotton, Silk and Art Silk, Self-threading Shuttles Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Hodges, P, & Co, Ltd, Nottingham High Speed Braiding and Twisting Machinery Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Jakob Jaeggli & Cie, Winterthur, Switzerland Automatic Yarn Mercerising Machines, etc Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

James Farmer Norton & Co, Ltd, Sir, Manchester, Dyeing, Bleaching, Printing & Finishing Machinery Paper-making Machinery, Wire Drawing and Steel Rolling Machinery, Tungsten Carbide and Diamond Dyes Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

James Waddington & Sons Ltd, Bradford Loom Shuttles Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

John & Abel Lees Dobb Ltd, Barnsley Fluted Rollers Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

John Atkinson & Son (Sowerby Bridge) Ltd, England Agents Altex Ltd, 147, Mahatma Gandhi Road, Fort

John Greenhalgh & Sons Ltd, Oldham Willow Machines Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

John T Hardaker Ltd, Bradford Jacquards and Jacquard Sundries Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Joseph Cadman & Sons Ltd, Liversedge Condenser Rubber & Tapes Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Joseph Stubbs & Co, Ltd, England Agents Altex Ltd, 147, Mahatma Gandhi Road, Fort

Law (Samuel) & Sons, Cleckheaton Card Clothing for Cotton, Woollen and Silk Mills Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Lockett, Crossland & Co, Manchester Engravers of Copper Printing Rollers Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Longclose Engineering Co Ltd, Leeds Cheese, Cone & Beam Dyeing Plants Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Martin Holt Ltd, England Agents Altex Ltd, 147, Mahatma Gandhi Road, Fort

Mather & Platt Ltd, Manchester Dyeing, Bleaching and Finishing Machinery Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort, Bombay

Muschamp Taylor Limited Ashton under Lyne, England Manufacturers of Textile Machinery and Accessories Sole Concessionaires in India for Messrs A Litan, Denmark Robert Reiner, Wechaw Ken New Jersey, U S A Foster Machine Co, Massachusetts, U S A, Costruzioni Meccaniche Ge & Bacci Degli Eredi di Mario Ge, Novara Italy, etc Sole Agents The Sizing Materials Company Limited Jeroo Building, 137, Mahatma Gandhi Road, Bombay 1

Philipson & Co (Bolton) Ltd, Bolton Patent Hat Stripping Brushes Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

Pol Paxion Skewer, France Re Tipping Machines Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Pulrose Co, Ltd, England Agents Altex Ltd, 147, Mahatma Gandhi Road, Fort

RIETER & CO, LTD (J J), Winterthur, (Switzerland) Cotton Spinning Machinery Sole Importers Volkart Brothers, Ballard Estate

Ruti Loom Works, Ruti (Zch), Switzerland. Cotton & Silk Looms Sole Importers Volkart Brothers, Ballard Estate

Ryden Mill Stores Ltd, England Agents Altex Ltd, 147, Mahatma Gandhi Road, Fort

Sagar, W & J, Ltd, Colne Welsh and Persian Roller Skins Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Samuel Pegg & Son, Leicester Bleaching, Dyeing and Finishing Machinery for Hosiery Trade Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Saurer, A G (Ad), Arbon, Switzerland Ribbon Looms Importers Volkart Brothers, Ballard Estate

Schweiter Ltd, Horgen, Switzerland Cotton Winding Machines Sole Importers Volkart Brothers, Ballard Estate

Societe Alsacienne De Constructions Mecaniques, Mulhouse, France Textile Machinery for Cotton & Worsted Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Staubli & Co, Horgen, Switzerland Dobbies Sole Importers Volkart Brothers, Ballard Estate

Sykes & Oliver Ltd, Littleborough Roller Cloths, Clearer Cloths, Sizing Flannels, Endless Clearer Cloths for drawing and combers, friction flannel Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

T W Riley & Co, Ltd, Rochdale Cloth Raising Machines Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Thos Holt Ltd, Rochdale High Speed Winding & Warping Machines Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Uster Engineering Co, Uster, Switzerland Warp Tying Machines Importers Volkart Brothers, Ballard Estate

Vaughan Sampson & Co, W, Liversedge, Hydraulic Ram Rings, Cups, etc Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Vollenweider, Sam, Horgen, Switzerland Shearing Machines Sole Importers Volkart Brothers Ballard Estate

Wright Hargreaves Engineering Co, Ltd, Blackburn Vacuum Card Stripping Equipment Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

MACHINES (ADDING, CALCULATING, NUMBERING)

ENGLISH NUMBERING MACHINES, LTD, 25, Queensway, Enfield, Middlesex, England Numbering, Counting and Dating Machines of every description Representatives Latham Abercrombie & Co, Ltd, Forbes Building, Home Street, Fort

MACHINES (INJECTION MOULDING)

E M B Company Ltd, West Bromwich Die Casting Machines Injection Moulding Machines and Compression Moulding Machines Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road Ballard Estate

MAGNET WIRES

Fine Wires Ltd, Nottingham (England) All types of magnet wires Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

MAINTENANCE EQUIPMENT (ELEC. AND MECH)

Martindale Electric Co, Ltd, London and Cleveland, Ohio, U S A Electrical and Mechanical Maintenance Equipment, Commstones and Blowers. Representatives Asea Electric Ltd, Goa Street, Ballard Estate

MARINE ENGINES

Kromhont Mororen Fabrik D, Goedkoop Tr N V Holland Agents Chemical Engineering Corporation, 7 10, Elphinstone Circle, Fort

Samofa, N V, Amsterdam Agents Chemical Engineering Corporation, 7 10, Elphinstone Circle, Fort

MARKING EQUIPMENT

Kunditor Ltd, Woodbridge Street, London E C 1, England Marking Machinery Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

MATERIAL & MECHANICAL HANDLING EQUIPMENT

Lansing Bagnall Limited, England Material Handling Equipment for every Industry Contact Ratansi Morarji Limited, Prospect Chambers, 317/21, Hornby Road, Bombay

Matterson Limited Rochdale, England, Electric and Pneumatic Pulley Blocks, Overhead Travelling Cranes, Infinitely variable speed Gears, Reduction and Speed Change Gear Boxes Contact Ratansi Morarji Limited Prospect Chambers, 317/21, Hornby Road, Bombay 1

MEASURING INSTRUMENTS

L M Ericssons Matinstrument Aktiebolaget, Stockholm, Sweden Manufacturers of Electricity Meters and Switchboard Instruments Representatives Asea Electric Ltd, Yaffi Building, Goa Street, Ballard Estate

Taylors of London Ltd, London, England Water Meters, Waste & Cocks Fittings Agents John Fleming & Co, Ltd, Bastion Road Fort, Bombay 1

MECHANICAL ENGINEERING PRODUCTS

Ansaldo, S A, Piazza Carignano, Genova (Italy) Installations Steam Electric Generating stations, sluice gates Storage Tanks Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

MECHANICAL EQUIPMENT

J Collis & Sons, Ltd, London Agents Killick Nixon & Co, Ltd, Killick Building, Home Street, Fort

Teleflex Products Ltd, London Sole Agents Killick Nixon & Co Ltd Killick Building, Home Street, Fort

METAL DOORS AND WINDOWS

Gibbons James, Ltd, St John's Works, Wolverhampton, England Sole Agents Heatly & Gresham Ltd, 9, Forbes Street Fort

James Sandy Pty Ltd, Sydney, Australia Agents Killick Nixon & Co Ltd, Killick Building, Home Street, Fort

METAL MANUFACTURERS

IMPERIAL CHEMICAL INDUSTRIES LTD, Metals Division, England Non-ferrous Metals and Alloys Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Norddeutsche Ueberseegesellschaft in Hamburg m b h, 9 Steinhoft, Elbhof Hamburg 11 Metals and Alloys Sole Distributors F Bock & Co, Shale Building, Bank Street, Fort, Bombay 1

Wiggin Henry & Co, Ltd, London Monel Metal and Nickel Alloys Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

METAL POWDER

Murex Ltd, Rainham, Essex Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

METAL TUBING

United Flexible Metallic Tubing Co, Ltd, Ponders End, Middlesex Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate

MICROPHONES AND PICKUPS

American Microphone Co Los Angeles, California Microphones & Pickups Agents Eastern Electric & Engineering Co 127, Mahatma Gandhi Road, Fort, Bombay

MILL & GIN STORE SUPPLIERS

Bennet Heyde J & Co, Manchester Tuppers and Dyvals Packings Agents J D Jones & Co (Bombay), Ltd, Rustom Building, Churchgate Street, Fort

Frankland Bros, Blackburn Loom Pickers and Shuttles Sole Concessionaires Greaves Cotton & Co, Ltd, 1 Forbes Street, Fort

Haydock & Drake Ltd, Blackburn Healds and Reeds Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Henry Tetlow & Sons, Manchester Healds and Reeds Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

John Atkinson & Son (Sowerby Bridge) Ltd, England Agents Altex Ltd, 147, Mahatma Gandhi Road, Fort

JOHN WHITELY & SONS, Card clothing House, Lindley, Huddersfield, England Card Clothing, Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

Jones Textilities, Export Co, Ltd, Blackburn, England Manufacturers of Healds, Reeds, Bobbins and all Loom Sundries Managers The Sizing Materials Co, Ltd, Jeroo Building 137, Mahatma Gandhi Road, Bombay 1

Joseph Sykes Brothers, Huddersfield Card Clothing Sole Concessionaires Greaves Cotton & Co, Ltd, 1 Forbes Street, Fort

Kenyon & Son, Ltd (James) Bury, Lancs Textile Clothing and Filter Cloth Sole Importers Volkart Brothers, Ballard Estate

Kershaw, J & Sons Ltd, Bolton (Lancs) Roller Skins Sole Importers Volkart Brothers Ballard Estate

Lupton Bros, Accrington Loom Sundries Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Platt Bros & Co, Ltd, Oldham Cotton Gins & Openers Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Pulrose Co, Ltd England Agents Altex Ltd, 147 Mahatma Gandhi Road, Fort

Robert Hyde & Co, Ltd, Staleybridge Machinery Cloths for Cotton Spinning Sole Concessionaires Greaves Cotton & Co, Ltd 1, Forbes Street, Fort

William Kenyon & Son Ltd, Dukinfield, Cheshire P I Cotton Driving Rope and Banding Spindles, Tape and Twine Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

MINERAL WATERS, SQUASHES, CORDIALS, ETC

Societe Des Eaux Mineral Source Cachat Evian Les Bains Sole Distributors Spencer & Co, Ltd, Spencer s Building, Forjett Street, Bombay 26

MINING MACHINERY & EQUIPMENT

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Joy Manufacturing Co, Michigan City, U S A Air Compressors Mining Machinery, Construction Machinery Sole Importers Volkart Brothers, Ballard Estate

R L Barker & Co Ltd England Barfill Rollers Agents Balmer Lawrie & Co, Ltd, 5 Graham Road Ballard Estate

Sheepbridge Equipment Ltd, England Elevators Haulages Mine Cars, Vibrating Screens Agents Balmer Lawrie & Co Ltd, 5 Graham Road Ballard Estate

Ukside Engineering Co Ltd, New Port Mons Agents Guest, Keen, Williams Ltd, Das Chambers Dalal Street, Fort

MOTION PICTURE EQUIPMENT MANUFACTURERS

Aga Svenska Ab Gasaccumulator Stockholm Lidingo, Sweden Agents International Talkie Equipment Co Ltd, 17, New Queen's Road, Bombay 4

C Conradty Postfach 72 Nuernberg West Germany Agents International Talkie Equipment Co Ltd, 17, New Queen s Road Bombay 4

Lugen Bauer, G M B H, Stuttgart Unter turkheim West Germany Agents International Talkie Equipment Co, Ltd, 17, New Queen s Road Bombay 4

Forest-Harrison Inc 207, Railroad Ave Harrison New Jersey, U S A Agents International Talkie Equipment Co, Ltd, 17, New Queen s Road, Bombay 4

Klangfilm G M B H (17a), Karlsruhe/ Baden, West Germany Agents International Talkie Equipment Co Ltd, 17, New Queen s Road Bombay 4

MOTOR ACCESSORIES

H D Jackson Co Ltd Summit Works Walsall Agents Soho House, Lohar Street

MOTOR CYCLES MFRS.

ASSOCIATED MOTOR CYCLES LTD (Prop : A J S Motor Cycles), Plumstead Road, London, S E 18 Distributors : Autocars Ltd, 43, Queen's Road

HARLEY-DAVIDSON MOTOR CO, Milwaukee 1, Wis, U S A Makers of Motor Cycles, Servi-Cars and Package Trucks Distributors Autocars Ltd, 43, Queen's Road

INTERPRO ENGINEERING CO, LTD 26, King Street, Cheapside, London E C 2, Makers of "Cyclemaster" Auto Attachments, Distributors Autocars Ltd, 43, Queen's Road, Bombay 2

Triumph Engineering Co, Ltd, Triumph Motor Cycles Sole Agents J L Morison, Son & Jones (India), Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

MOTORS & GENERATORS

Electromotoren Werke Kaiser Berlin Agents Chemical Engineering Corporation 7 10, Elphinstone Circle, Fort

MUSICAL INSTRUMENTS

Carbonari Primo, Castelfidardo, Italy Sole Agents Commodities Exchange Corporation, Jan Mansion, Sir Phirozshah Mehta Road Fort

NON-FERROUS METALS

Ferro Metal & Chemical Corp Ltd, 80, Coleman Street London E C 2 Agents Associated Agencies (Bombay) 47, Podar Chambers Parsee Bazar Street Fort

Henry Wiggin & Co, Ltd, Sunderland House, Curzon Street, London W 1 Mond Metal Sole Concessionaires Graves Cotton & Co Ltd, 1 Forbes Street Fort

I C I LTD, Metals Division, Manchester Brass, Copper, Aluminium and other non ferrous metals Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Manganese Bronze & Brass Co Ltd Ipswich Agents Guest Keen Williams Ltd Das Chambers, Dalal Street Fort

Mond Nickel Co Ltd, London (Nickel) Sole Concessionaires Graves Cotton & Co Ltd, 1, Forbes Street, Fort

NUT & BOLT MAKING MACHINES

Ltchells David & Son Ltd Bull Piece Works, Darlaston S Staffs England Sole Agents Heatly & Gresham Ltd, 9, Forbes Street Fort

OFFICE APPLIANCES AND EQUIPMENT

Addressograph Multigraph Corporation, Cleveland Ohio, U S A Agents for India The National Cash Register Co Transport House Colaba Causeway Bombay 1

Addressograph Multigraph Ltd London, England Agents for India The National Cash Register Co Transport House Colaba Causeway Bombay 1

Brunsviga Maschinenwerke A G Braunschweig Western Germany Agents Prince, H J & Son 9 Lily Court, Church gate Reclamation, Bombay

Friden Calculating Machine Co Inc, California (U S A) Manufacturers of Friden Automatic Calculators Sole Agents for India The National Cash Register Co, Transport House, Colaba Causeway Bombay 1

Kalamazoo Ltd, Kalamazoo Works, Northfield, Birmingham Loose Leaf Equipment Agents Gillanders Arbuthnot & Co, Ltd Elphinstone Building, Vir Nariman Road

***UNIVERSAL POSTAL FRANERS LTD*, Frankopost works, London N-18, Postal Franking and Stamp Cancelling Machines, Totometer Counting & Imprinting Machines Sole Agents Kilburn & Co, Ltd, P O Box 565, Bombay, Phone 31908**

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Nu-Way Heating Plants Ltd ' Rotovac Burners Sole Agents William Jacks & Co Ltd Hamilton House, Graham Road, Ballard Estate

Todd Oil Burners Ltd, London Oil Burners Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

Wallsend Slipway & Engineering Co, Ltd, Walsend on Tyne, England Sole Agents Heatly & Gresham, Ltd, 9, Forbes Street

WOODWARD BROS & CAPELIN LTD, U K, For Foundry, Lamps, Cupola Lighters, Large Pressure Burners for Railroads etc, Sole Agents Pioneer Industries, 21, Forbes Street, P O Box No 1909, Bombay 1, Phone No 31982 Grams "PIOMETAL"

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LISTER MARINE (SALES) LTD, Dursley, Glos Marine Diesel Engines Importers Volkart Brothers, Ballard Estate

Lister & Co Ltd (R A) Dursley, Glos Petrol and Diesel Engines, Pumping Generating Sets, Cream Separators and Dairy Equipment Importers Volkart Brothers Ballard Estate

Ruston & Hornsby Ltd Lincoln & Grantham, England Horizontal and Vertical Diesel Petrol Kerosene and Petrol Engines Sole Concessionaires Greaves Cotton & Co Ltd, 1, Forbes Street Fort

Sulzer Brothers Ltd, Winterthur, Switzerland Diesel Engines Pumps Boilers Sole Importers Volkart Brothers, Ballard Estate

OIL & FUEL METERS

Gilbert & Barker Manufacturing Co Ltd Springfield U S A Brodie Meters Agents Fecalmit (India) Ltd 9 Forbes Street Fort Bombay

Stamco Limited London U K Brodie Meters Agents Fecalmit (India) Ltd, 9 Forbes Street Fort, Bombay

OIL MILLING MACHINERY

Sulzer Brothers Ltd, Winterthur, Switzerland Batch type Solvent extraction plants Sole Importers Volkart Brothers Ballard Estate

V D Anderson Co, Cleveland, Ohio U S A Oil expellers, Continuous Solvent extraction plants Sole Importers Volkart Brothers, Ballard Estate

ORE DRESSING & CHEMICAL EQUIPMENT

DENVER EQUIPMENT CO, Denver, U S A Agents Pioneer Industries, 21, Forbes Street, P O Box No 1909 Bombay 1 Phone No 31982, Grams "PIOMETAL"

PACKAGE STENCILLING MACHINES

Chase Bottle & Supply Corporation, New York, U S A Machinery and Pharmaceutical Manufacturing Machinery Agents T Byramji & Co, Central Bank Building, Fort

MARSH STENCIL MACHINE CO, Belle Ville, Illinois, U S A Package Stencilling Machines and Supplies Representatives Latham Abercrombie & Co, Ltd, Forbes Building, Home Street, Fort

PACKING & JOINT RINGS

Batey Metallic Packing Co, St Peters, Newcastle-on Tyne, England Agents Heatly & Gresham, Ltd, 9, Forbes Street

British Metallic Packing Co (1933), Ltd, Britimp Works, Sidcup, Kent, England Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

PACKINGS & JOINTINGS

Asbestos Jointings Ltd, Birmingham, England Steam Jointings and Packings "Glassolite", the best Glass Substitute, "Evelite" Metal to Metal Jointing Cement Zephyroid, sheet packing for Oil & Liquors, Asbestos round and square packings, Lagging Ropes Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

BELDAM ASBESTOS CO, LTD, Lascar House, Hounslow, England, High Pressure Steam, Acid and Alkali Packings & Jointings, Sole Agents Kilburn & Co, Ltd, P O Box 565, Bombay

Hulburd Patents Ltd 24 26 Park Road, North Acton W 3 England Agents Machine Tools (India) Ltd Imperial Chambers Wilson Road, Ballard Estate

Walker, James & Co, Ltd, Woking Surrey, England 'Lion' Brand Packings and Jointings Agents Roberts, McLean & Co, Ltd, Haco House, Sir Phirozshah Mehta Road, Fort

PADLOCKS & KITCHENWARE

Henry Squire & Sons Ltd Near Willenhall, Staffs New Invention Agents Soho House, Johar Street

PAINTS, ENAMEL & VARNISHES

American Gilsonite Co 1145 East Jersey Street Elizabeth New Jersey U S A Miners and Suppliers of Gilsonite Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

Aspinalls (Paints) Ltd, Carleton, Skipton, Yorkshire Sole Agents B Paul & Co, Behramji Mansion, Sir Phirozshah Mehta Road, Fort

Canadian Bronze Powder Works, Ltd Montreal, 3 P Q Distributors Jugkumar & Co, Prospect Chambers Annexe, Hornby Road, Fort

Cech Ul Jasna, 10, Warsaw, Poland Sole Agents for India Chemidye Trading Co, Ltd, Kather Building, Cawasji Patel Street Fort Bombay

Colour Trading Co, Ltd, London Sole Agents B Paul & Co, Behramji Mansion, Sir Phirozshah Mehta Road Fort

Docker Bros Rotton Park Street, Birmingham 16 Agents Gillanders Arbuthnot & Co Ltd, Elphinstone Building, Vir Nariman Road

Hangers Paints, Ltd (formerly Hanger, Watson & Harris Ltd), Hull, England Manufacturers of Paints, Colours, Lnamels and Varnishes Trade Mark "Lady Brand" Sole Agents The Sizing Materials Co, Ltd, Jeroo Building, 137, Mahatma Gandhi Road, Bombay 1

H Kohanstamm & Co, Inc, 83/93, Park Place, New York Agents Associated Agencies (Bombay), 47 Podar Chambers, Parsi Bazar Street, Fort

I C I LTD, Paints Division, England "DUCO" & "DULUX" Paints and A C P Heat-treatment processes Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Morrison Charles Composition Co, Ltd 'Capstan' Brand Paints Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Starline Varnish & Enamel Co, Ltd, England Agents Universal Export & Import Co, Swadeshi Mills Estate, New Queen's Road

PAPER BAGS FOR PACKAGING

Paper Sacks Ltd London Sole Agents Killick Nixon & Co, Ltd, Killick Building, Home Street, Fort

PAPER MACHINERY

Etablissement Martel Cttala Sulstat Bas Rhin France Manufacturers of Wire Cloths Agents Gannon Dunkerley & Co Ltd Chartered Bank Building Fort, Bombay

PAPER MFRS. & MERCHANTS

Bowaters Sales Co Ltd, London & New York Paper Manufacturers and Merchants Sole Agents W A Beardsell & Co Ltd 15 16, Sir Phirozshah Mehta Road, Fort

Cenmerco Corporation, 142, 144, 146, Logan Avenue, Jersey City, 6, New Jersey, U S A Agents Associated Agencies (Bombay), 47, Podar Chambers, Parsee Bazar Street, Fort

CHARLES MORGAN & CO, LTD, Paper Merchants, 46 58, Mansell Street, London, E 1 Agents Wiggins, Teape & Alex Pirie (Export) Ltd, Kamani Chambers, Nicol Road

FINNISH PAPER MILLS ASSOCIATION, Department 1, Helsingtors, Finland Newsprint, Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

FINNISH PAPER & BOARD CONVERTERS' ASSOCIATION, Unionin Katu, 19, Helsinki, Finland, Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

Linstrom Sterner Geijergatam 9A Gateburg, Sweden Agents Associated Agencies (Bombay), 47 Podar Chambers, Parsi Bazar Street, Fort

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Cincinnati Industries Inc, Cincinnati (Lockland), Ohio, U S A Agents Hardcastle Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Otto Bachmann K G Saulgau, W Germany Wrapping Paper etc Agents Weil Company Chateau Marine, 41 B, Marine Drive, Bombay 1

Smith, Stone & Knight Ltd, Wrapping Papers, Corrugated Strawboards, etc Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Transparent Paper Ltd, Bury, Lancashire "Diophane Transparent Papers Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

PAPER MILL EQUIPMENT

Conrad Munzinger, Olten Switzerland, Manufacturers of Paper Machine Belts Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

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PAPER TRANSFERS

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Pennycook Patent Glazing & Engineering Co, Ltd, 38, Bath Street, Glasgow C 2, Scotland Sole Agents Heatly & Gresham, Ltd 9, Forbes Street, Fort

PERFUMERY

Parfums Lucien Lelong, Ltd, Perfumes Sole Agents J L Morison, Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road Bombay 26

Roger & Gallet, France, Switzerland and England Perfumery and Toilet Requisites Representatives T Byramji & Co, Central Bank Buildings, Fort

PETROLEUM PRODUCTS

Purfinol Ltd, London Suppliers of Petroleum Products Agents The Anglo-Thai Corporation Ltd, Ewart House, Bruce Street

PETROLEUM PRODUCTS HANDLING & MARKETING EQUIPMENT

Imco Brass Manufacturing Co Ltd, of the U K U S A and Canada Agents Ecclemit (India) Ltd, 9 Forbes Street, Fort Bombay

Gilbert & Barker Manufacturing Co Ltd, Springfield U S A Agents Ecclemit (India) Ltd 9 Forbes Street, Fort, Bombay

Stemco Limited London, U K Agents Ecclemit (India) Ltd, 9, Forbes Street, Fort, Bombay

PHARMACEUTICALS

Alfa Pharmaceuticals Ltd "Dillex" Gripe Mixture Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

American Cyanamid Co, Inc, New York Cyanogas, Calcium Cyanide for Plague Control Agents Shaw Wallace & Co, Ltd, 3, Wittet Road, Ballard Estate

Beecham Group Ltd, Lactopeptine Sole Agents J L Morison, Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

Beecham (Northern) Ltd Pharmaceuticals Sole Agents J L Morison Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

British Cod Liver Oils (Hull and Grimsby) Ltd, England Sole Agents for India Carr & Co, Ltd, P O Box 152, Bombay

British Schering Ltd, 229 231, Kensington High Street London W 8 Sole Importers for India Messrs Indian Schering Ltd Mercantile Chambers (1st Floor), Graham Road, Ballard Estate, Bombay

BYK GULDEN, Germany Pharmaceutical Preparations Sole Distributors in India Dey's Medical Stores Ltd, Himalaya House, Hornby Road, Fort, Bombay 1

C & E Morton Ltd, Bicarbonate of Soda, Epsom Salts etc Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Carnegie Chemical (Welwyn) Ltd, Welwyn Garden City, Hertfordshire Fine Chemicals Agents Gillanders Arbuthnot & Co Ltd, Elphinstone Building, Vir Nariman Road

CHARLES MACDONALD PTY. LTD, Sydney, Australia Manufacturers of Pharmaceutical Products Sole Agents for India United Industries Corporation, Yusuf Building, Mahatma Gandhi Road, Fort.

CHAS PFIZER & CO INC, 44, Exchange Place, New York 4, N Y, U S A Sole Distributors in India Dey's Medical Stores Ltd, Himalaya House, Hornby Road, Bombay 1 Phone: 25676.

Chas Pfizer & Co, Inc, 81, Maiden Lane, New York 7, N Y Distributors F Bock & Co, Shale Building, Bank Street, Fort

CIBA LIMITED, Basle (Switzerland) Manufacturers of Pharmaceutical Specialities, etc Sole Representatives for India: Ciba Pharma Limited Esplanade House, Waudby Road, Fort.

Clech, Ul Jasna, 10, Warsaw, Poland Sole Agents for India Chemidye Trading Co, Ltd, Kamar Building, Cawasji Patel Street, Fort, Bombay

Commercial Solvents Corporation, New York 16, U S A, Penicillin Preparations" Agents Fairdeal Corporation Ltd, Lakshmi Building Sir Phirozshah Mehta Road

Conray Products Co, 200 West 34th Street, New York 1, N Y Fine Chemicals/Pharmaceuticals Distributors F Bock & Co, Shale Building, Bank Street, Fort, Bombay 1

Conray Products Co, New York, U S A Hormones, Drugs & Pharmaceutical Chemicals, etc Agents 1 Byramji & Co, Central Bank Building, Fort

Dakin Brothers, Ltd, London Agents Universal Export & Import Co, Swadeshi Mills Estate, New Queen s Road

De Witt & Co, L C, Ltd, London "De Witt s Kidney and Bladder Pills" Sole Agents J L Morison Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

Diasan A G Zurich Losone (Switzerland) Sole Representatives Prerana Corporation Nagin Mahal, Veer Nariman Road, Bombay 1

E Griffiths Hughes Ltd, Manchester Kruschen Salts, etc Sole Agents for India Carr & Co, Ltd, P O Box 152, Bombay

Economic Utilities Ltd, Westcombe House, 56/58, Whitcomb Street, London, W C 2 Agents Associated Agencies (Bombay), 47, Podar Chambers, Parsee Bazar Street

Elliman, Sons & Co Ltd, Elliman s Embrocation' Sole Agents J L Morison, Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

Ephazone and Company, 180, Piccadilly "Ephazone' for Asthma, Bronchitis, etc Sole Agents J L Morison, Son & Jones (India), Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

F Hoffmann La Roche & Co, Ltd, Basle (Switzerland) Manufacturers of Biochemicals, fine chemicals, alkaloids Vitamins and 'Roche' Pharmaceutical Specialities Sole Importers Volkart Brothers, Ballard Estate

Fredericksberg Chemical Laboratories Ltd, 1, Alhambravej, Copenhagen V, Denmark A C T H & Hormones Sole Distributors F Bock & Co, Shale Building, Bank Street, Fort, Bombay 1

G D Searle & Co, Chicago 80, U S A "Ethical Pharmaceuticals" Agents Fairdeal Corporation, Ltd, Lakshmi Building, Sir Phirozshah Mehta Road, Fort

Gebauer Chemical Co, Akron 9, U S A. "Ethyl Chloride" Agents Fairdeal Corporation Ltd, Lakshmi Building, Sir Phirozshah Mehta Road, Fort

General Chemical Division, Allied Chemical & Dye Corp, 40, Rector Street, N Y 6, New York Manufacturers of B & A quality laboratory reagents and Fine Chemicals Sole Agents for Bombay State R K Shapurji & Co, Prospect Chambers, 319, Hornby Road, Fort, Post Box No 1065

Herts Pharmaceuticals, Ltd, Welwyn Garden City, Herts Agents Gillanders Arbuthnot & Co Ltd, Elphinstone Building, Vir Nariman Road

Heyden Chemical Corporation, New York, Antibiotics, Industrial, Fine & Pharmaceutical Chemicals Distributors F Bock & Co, Shale Building, Bank Street, Fort

Homburg A G, Chemiewerk, Dalmlerstrasse 25, Postfach 686, Frankfurt/Main, Western Germany Factory Representatives German Remedies & Trading Co Ltd, Queens Mansion, 7, Prescot Road, G P O Box No 1945, Bombay 1

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Johnson & Johnson (Gt Britain) Ltd, Slough, U K Personal Products Agents Fairdeal Corporation Ltd, Lakshmi Building, Sir Phirozshah Mehta Road, Fort

Kemball, Bishop & Co Ltd, Crown Chemical Works, Bromby B J Row, London E 3 Agents Gillanders Arbuthnot & Co Ltd, Elphinstone Building, Vir Nariman Road

LABORATOIRES ROBIN, Paris Pharmaceutical Preparations Sole Agents in India Dey's Medical Stores Ltd, Himalaya House, Hornby Road, Fort, Bombay 1

Laboratories Wolfs Antwerp, Belgium, Sole Representatives Prerana Corporation Nagin Mahal, Veer Nariman Road, Bombay 1

LEPETIT S P A MILAN, Italy—Manufacturers of Pharmaceutical Specialities, Chemicals and other Allied Ethical Lines, Sole Agents Rambaxy & Company Ltd, P O Box No 104, New Delhi, Branches Bombay, Calcutta, Madras and New Delhi

M & R, Dietetic Laboratories Inc, Columbus, 16, U S A "Similac", Infant Milk Food Agents Fairdeal Corporation Ltd, Lakshmi Building, Sir Phirozshah Mehta Road, Fort

MENLEY & JAMES LTD, London Sole Distributors Pharmed Ltd, 141, Fort Street, Fort.

NATIONAL DRUG COMPANY, Philadelphia, U S A, Sole Agents C Agrawal & Co, Ltd, 43-44, Lakshmi Bldg, Sir Phirozshah Mehta Road, Bombay 1 Phone 21344 Grams "AGRAWALCO"

Natural Chemicals Co, London "Phyllosan" for Malnutrition Sole Agents J L Morison, Son & Jones (India), Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Newton Chambers & Co, Ltd, Thorncliff Works, Sheffield Izal Germicide, etc Agents Gillanders Arbuthnot & Co, Ltd, Elphinstone Building, Vir Nariman Road

Nordmark Werke G M B H, Adolphstrasse 32, Hamburg 21, Western Germany Factory Representatives German Remedies & Trading Co Ltd, Queens Mansion, 7, Prescot Road, G P O Box No 1945, Bombay 1

Optrex (Overseas) Ltd, "Optrex" Eye Lotion and "Famel" Cough Syrup Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

OXFORD PRODUCTS INC, Cleveland, Ohio, U S A, Manufacturers of Pharmaceutical Specialities, particularly Vitamins Sole Agents Rambaxy & Company Ltd, P O Box No. 104, New Delhi, Branches Bombay, Calcutta, Madras & New Delhi

Oxo Ltd, London Pharmaceutical Specialities and Food Products. Agents Anglo-Thai Corporation Ltd, Ewart House, Bruce Street, Fort

Pearson & Co, Ltd, E T, "Lactagol" "Tessol," "Rhinitol," "Iodinosol," etc Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Pfizer Overseas Inc, 25 Broad Street, New York 4, N Y Pharmaceuticals Vitamins Distributors F Bock & Co Shale Building, Bank Street, Fort, Bombay 1

Pharmaceutical Manufacturing Co, Ltd, "Novutox" "Surfacaine" Sole Agents: J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Phosferine (Ashton & Parsons) Ltd Infant Powders, Phosferine Liquid & Tablets Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

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S. A FELICE BISLERI & CO, Milan, Italy Sole Distributors: Pharmed Ltd, 141, Fort Street, Fort

Schering A G, Mullerstrasse, 170/172, Berlin No 65 Representatives for India Vikram Padamsey & Co, Rustom Building, 29, Churchgate Street, Fort

Scientific Pharmacals Ltd "Keroderm" Ointment Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

SCOTT & BOWNE LTD For Scotts Emulsion, Halivite Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Scott & Turner, Ltd, Newcastle on Tyne, "Andrews Liver Salt" Sole Agents J L Morison, Son & Jones (India), Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Sharp & Dohme, Inc, Philadelphia, U S A Pharmaceutical Specialities and Biologicals Sole Importers Volkart Brothers, Ballard Estate

SHIONOGI & CO, LTD, Osaka, Japan Manufacturers of Pharmaceutical Specialities, Chemicals and other allied ethical Lines, Sole Agents: Rambaxy & Co. Ltd, P O Box No 104, New Delhi Branches: Bombay, Calcutta, Madras and New Delhi

Smith Kendon Ltd, London Manufacturers of Lozenges and Pastilles. Sole Agents in India Carr & Co, Ltd, P O Box 152, Bombay

SMITH KLINE & FRENCH INTERNATIONAL CO, Philadelphia, U S.A. Sole Distributors: Pharmed Ltd, 141, Fort Street, Fort

Spencer & Co., Ltd , Urodonal Sole Agents J L Morison, Son & Jones (India) Ltd , opp Mahalaxmi Temple, Warden Road, Bombay 26

Sperti Inc , Cincinnati 2, U S A "Electro Medical Apparatus" Agents : Fairdeal Corporation Ltd , Lakshmi Building, Sir Phirozshah Mehta Road, Fort

THOMAS TYRER & CO , LTD For "STIRLING" Brand Fine Chemicals Selling Agents I. C I (India) Ltd , Post Box No 310, Bombay 1

United Electric Export Co , Chicago 6, U S A 'X-Ray Apparatus" Agents Fairdeal Corporation Ltd , Lakshmi Building, Sir Phirozshah Mehta Road, Fort

Uzara Werke Melsungen, P O Box No 88, Melsungen, Western Germany Factory Representatives German Remedies & Trading Co Ltd , Queens Mansion 7, Prescot Road, G P O Box No 1945, Bombay 1

Walker Vitamin Products Inc , Mount Vernon, New York, U S A "Vitamin Products" Agents Fairdeal Corporation Ltd , Lakshmi Building, Sir Phirozshah Mehta Road, Fort

Western India Trading Co Occuline Eye Drops, etc Agents T Byramji & Co , Central Bank Building, Fort

WINTHROP PRODUCTS INC , New York Pharmaceutical Specialities. Sole Representatives in India Dey's Medical Stores Ltd , Himalaya House, Hornby Road, Bombay 1 Phone 25676.

Wm Alfred Jones Ltd , West India House, Maryland Street, Liverpool 1 Pharmaceuticals Agents Gillanders Arbuthnot & Co , Ltd , Elphinstone Building, Vir Nariman Road

Wulfing & Co , A , M B H , (Sanatogen Werke Bauer & Cie, and Fabrik Pharmazeutischer Praeparate Johann A Wulfing) Graf Adolf str 18 (22a) Dusseldorf, Western Germany Factory Representatives German Remedies and Trading Co Ltd , Queens Mansion, 7, Prescot Road, G P O Box No 1945, Bombay 1

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Arenco Aktiebolag Sweden, Tube Filling, Folding & Crimping Machines Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Autopack Ltd , Birmingham, Weighing and Filling Machines, Cellophane Wrapping Machine, Anacin type Tablet Packing Machine Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

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Duhring Maschinen Gesellschaft Germany Agents for India Gladwyn & Co , 251, Hornby Road, Fort

E Eigenmann Apparate Und Maschinenbau, Switzerland Products —Stainless Steel Steam Jacketed Kettles Agents for India Gladwyn & Co , 251, Hornby Road, Fort

E Friederich & Fils, Switzerland Products —Anti Corrodal Filter Presses, Labelling Machines & Bottle Fillers, Agents for India Gladwyn & Co , 251, Hornby Road, Fort

Ellison Hawks Ltd , England "Nortal" Emulsifiers Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

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Ganzhorn & Stirn, Germany Agents for India Gladwyn & Co , 251, Hornby Road, Fort

Howard Pneumatic Engineering Ltd , England Products —Stainless Steel Pumps Agents for India Gladwyn & Co , 251, Hornby Road, Fort

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J G Jackson & Crockatt Ltd England, Granulators for Dry and Wet Masses Agents in India Armstrong Smith Ltd , Gresham Assurance House Sir Phirozshah Mehta Road, Fort

Jorgen Jorgenson, Denmark Products — Tablet Machines, Sugar Coating Pans, Drug Mills, Paste Mills, Granulating Machines Agents for India Gladwyn & Co , 251, Hornby Road Fort

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Probst & Class, Germany Agents for India Gladwyn & Co , 251, Hornby Road, Fort

Riomilex, S A , Switzerland Products — Bottle Washing Machines Agents for India Gladwyn & Co , 251, Hornby Road, Fort

Rittershaus & Blecher, Germany Agents for India Gladwyn & Co , 251, Hornby Road, Fort

S N Bridges & Co Ltd , London, Sieving & Grading Machines, Homogenizers Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Watten Emulsifying Machines Ltd England Products —Emulsifiers Agents for India Gladwyn & Co , 251, Hornby Road, Fort

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Mason, E N , & Sons, Ltd , Arclight Works, Colchester, England Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

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James C Waterhouse, Ltd, Soho works, Wakefield Agents Gillanders Arbuthnot & Co, Ltd, Elphinstone Building, Vir Nariman Road Fort

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Holman Bros Ltd, Camborne Agents Killick Nixon & Co, Ltd, Killick Building, Home Street Fort

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Blyth & Platt, Ltd, Watford, England Manufacturers of 'Cobra' Boot and Metal Polishes Agents Shaw Wallace & Co, Ltd, Ballard Estate

Goddard J, & Sons, Ltd Goddard's Plate Powder, Liquid Polish Furniture Cream, etc Sole Agents J L Morison, Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

I C I LTD, Paints Division, England, "DUCO" Wax Polish and I C I No 7 Polish Selling Agents I C L (India) Ltd, Post Box No 310, Bombay 1

I C I LTD, Dyestuffs Division, Manchester For Polishing Rouges Agents in India I C I (India) Ltd, Post Box No 310, Bombay 1

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Hordern, Mason & Edwards Ltd, Pype Hayes, Birmingham 24 England Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Bombay

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COATS MACHINE TOOLS CO, LTD, London, U K Manufactures of Fluid Gauges suitable for 0 0001" Sole Agents Pioneer Industries, 21, Forbes Street, P O Box 1909, Bombay 1 Phone No 31982 Grams "PIOMETAL"

COOK TROUGHTON & SIMMS LTD, York, England For Toolroom Microscopes, Colour Projectors, Optical and Horizontal Comparators, Engineers' Block Levels, Gauges, etc Agents Pioneer Industries, 21, Forbes Street, P O Box 1909, Bombay 1 Phone No 31982 Grams "PIOMETAL"

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ALVESTA INDUSTRIES, A B, Alvesta, Sweden Agents Manubhai Sons & Co, 16, Custom House Road, Bombay 1 Phones 32369 & 32328, Grams "SUNFLAMES"

C E GAITZSCH MASCHINENFABRIK, Siegmar-Schonau, Germany Agents Manubhai Sons & Co, 16, Custom House Road, Bombay 1 Phones 32369 & 32328 Grams "SUNFLAMES"

FRATELLI MANDELLI, Monza, Italy Agents Manubhai Sons & Co, 16, Custom House Road, Bombay 1 Phones 32369 & 32328 Grams "SUNFLAMES"

KOVO LTD, Praha, Czechoslovakia Agents Manubhai Sons & Co, 16, Custom House Road, Bombay 1 Phones 32369 & 32328 Grams "SUNFLAMES"

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Messrs V E B Buchbindereimaschinenwerk Leipzig V V B Polygraph, Germany Sole Agents Indo Europa Trading Co, 9, Dalal Street, Fort Bombay

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Messrs V E B Optima Fabrik Graphischeer Maschinen V V B Polygraph Germany Sole Agents Indo Europa Trading Co 9, Dalal Street Fort, Bombay

Messrs V E B Papierverarbeitungsmaschinenwerk Perfecta V V B Polygraph, Bautzen Sole Agents Indo Europa Trading Co, 9, Dalal Street, Fort, Bombay

Polygraph' Schelter & Giesecke V E B, Germany Sole Agents Indo Europa Trading Co, 9, Dalal Street, Fort, Bombay

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Litho Chemical Supply Co, U S A Sole Agents Indo Europa Trading Co, 9, Dalal Street, Fort

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C & E Morton Ltd , Provisions, etc Sole Agents J L Morison, Son & Jones (India), Ltd , opp Mahalaxmi Temple, Warden Road, Bombay 26

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Gilbert & Barker Manufacturing Co Ltd , Springfield U S A Agents Tecalemit (India) Ltd , 9, Forbes Street, Fort, Bombay

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Sumo Pumps Ltd , Submersible Pumps Sole Agents William Jacks & Co , Ltd , Hamilton House, Graham Road, Ballard Estate

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Westinghouse Electric International Co , New York Electronic products consisting of Radio Broadcasting and Radio Communication Equipment, Electronic Tubes for Radio Broadcasting, and Radio Communications Equipment Power line carrier Communication Equipment Agents 127 Mahatma Gandhi Road, Fort

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P & M Co (England), Ltd , London Agents Guest, Keen, Williams Ltd , Das Chambers, Dalal Street, Fort

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BEIJNES, N V , J J , Beverwijk, Holland Modern Rolling Stock for Railways and Tramways, Autobuses and Trollybuses Agents Associated Machine & Tool Co , 130, Medows Street, Fort, Bombay 1

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S A Usines Emile Henricot, Court Saint Etienne, Belgium Agents Hardcastle Waud & Co , Ltd , Alice Building, Hornby Road, Fort

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Glenfield & Kennedy, Ltd, Kilmarnock Water Level Indicators and Recorders Agents Glenfield & Kennedy, Ltd 198, Jamshedji Tata Road, Fort, Bombay 1

Pierce Wire Recorder Corporation Illinois, U S A Pierce Dictation Wire Recorders Agents Eastern Electric & Engineering Co, 127 Mahatma Gandhi Road, Fort

PYROWERK, G M B H Germany for Temperature and Pressure Recording Instruments Sole Agents Pioneer Industries, 21, Forbes Street, P O Box 1909, Bombay 1 Phone No 31982 Grams "PIOMETAL"

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Stone Wallwork Ltd, London Reduction and P I V Gears Stamping Machines Sole Agents Gannon Dunkerley & Co, Ltd Chartered Bank Building, Fort, Bombay

REFRACTORY CEMENTS

Algernon Lewin Curtis, Cambridge "Onx" Cements for Boilers & Industrial Furnaces Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Furnace Linings Co, Ltd, Nursery Street Sheffield 3 Sole Agents Datson, Raviraj & Co, 43, Tamarind Lane Fort

REFRIGERATION EQUIPMENT (COMMERCIAL)

E I Du Pont De Nemours & Co, Inc U S A Agents Ahmed A Fazelbhoy Ltd, 38, Queen's Road

I Sterne & Co Ltd, 2 Caxton Street, Westminster London, S W 1 Exclusive Distributors in Western, India Refrigeration & Appliances Co, Ltd, Pravin Court, 95, Queen's Road, Bombay 1

Linderme Tube Co, U S A Brass & Copper Tubes Agent Ahmed A Fazelbhoy, 38, Queen's Road

Mueller Brass Co, U S A Refrigeration Fittings and Supplies Agent Ahmed A Fazelbhoy, 38, Queen's Road

Svenska Turbin Aktiebolaget Ljungstrom (Stal), Finspong, Sweden Mfrs of Steam Turbines, Refrigeration & Ice making Plant Representatives Asea Electric Ltd., Yaffi Building, Goa Street, Ballard Estate, Bombay 1

Tecumseh Products Co, U S A Refrigeration Condensing Units Agent Ahmed A Fazelbhoy, 38, Queen's Road

Tekni Craft, U S A, for Ice Cream Freezers Agent Ahmed A Fazelbhoy, 38, Queen's Road

Wagner Electric Corporation, U S A Electric Motors Agent Ahmed A Fazelbhoy, 38, Queen's Road

Weber Showcase & Fixture Co, Inc 5700, Avalon Boulevard, Los Angeles, 54, California (U S A) Exclusive Representatives in India Refrigeration & Appliances Co Ltd, Pravin Court, 95, Queen's Road, Bombay 1

Westinghouse Electric International Co, U S A Electric Refrigerators and Room Coolers Agent Ahmed A Fazelbhoy, 38, Queen's Road

RESISTANCE WIRES

British Driver Harris Co Ltd, Manchester Nichrome Resistance Wires, Tapes and Alloys Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Driver Harris Co, Harrison, N J Nichrome Resistance Wires, Tapes and Alloys Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

RIVETS & NAILS

J & W Somerville Ltd, Kali Nail Works, Lennoxtown, nr Glasgow Agents Soho House, Lohar Street

S & D Rivet Co, 'Ariel Works,' Temple Road, Leicester, England Agents Soho House, Lohar Street

ROAD BUILDING EQUIPMENT & MACHINERY

Austin Western Co, Road Making Machinery Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

Aveling Barford Ltd, Invicta Works, Grantham, England Steam, Motor & Diesel Road Rollers Dumper Trucks, Trench Diggers, Calf Dozers, Vibratory Concrete Finishers and Dairy Machinery Sole Concessionaires Greaves Cotton & Co, Ltd, 1, Forbes Street, Fort

Boydell & Co Ltd, E Manchester (Muir Hill Dumpers) Agents for Western India Killick Nixon & Co Ltd, Killick Building Home Street Fort

Braham Patterson & Benham, Ltd, London Road Surfacing Plant Agents Richardson & Cruddas Ltd, Byculla

Bucyrus Eric Co, South Milwaukee (U S A) Bullgraders, Bulldozers, Rippers, etc Sole Importers Volkart Brothers, Ballard Estate

Fiorentini & Co Ing F, Italy (Excavation) Agents Killick Nixon & Co Ltd, Killick Building Home Street Fort

Johnson (Machinery) Ltd C H, England Sole Agents Killick Nixon & Co Ltd, Killick Building, Home Street, Fort

ROLLER BEARINGS

Cooper Roller Bearings Co, Ltd, King's Lynn, Norfolk, England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

Ransome & Marles Bearing Co, Ltd, Newark-on Trent R & M' Ball and Roller Bearings Agents Roberts, McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road, Fort

ROLLING SHUTTERS

Dennison Kett & Co, Ltd, Kenoval House, Farmer's Road, London, S E 5 Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

ROLLMAKERS

British Rollmakers Association, London Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort.

ROLLS FOR PAPER & RUBBER MANUFACTURE

Miller Co Ltd, Edinburgh Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

ROOFING MATERIAL

D Anderson & Sons, Manchester & London, Rok Roofing, Paints, etc Agents Richardson & Cruddas, Ltd, Byculla

Helliwell & Co, Ltd, Brighouse, Patent Glazing Bars Agents Richardson & Cruddas Ltd, Byculla

Hughes & Lancaster, Ltd, London Makers of Sewage Ejectors, etc Agents Richardson & Cruddas Ltd, Byculla

McNeil, F, & Co, Ltd, 10, Lower Grosvenor Gardens, London, S W 1 Bituminised Roofing Felt Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

ROPERIES

Ellizalde & Co, Manila Ropes Agents in India Armstrong Smith, Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Elizalde & Co, Manila Ropes and Cordage Agents The Anglo-Thai Corporation, Ltd, Ewart House, Bruce Street, Fort

RUBBER AND PLASTIC INDUSTRIES

Goodrich Co, B F, U S A Mechanical Rubber Goods Agent Ahmed A Fazelbhoy, 38, Queen's Road

I C I LTD, Dyestuffs Division, England, Rubber Chemicals and Colours Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Northern Rubber Co Ltd Retford Notts Agents Soho House, Lohar Street

Sterling Rubber Co, Ltd, Canada Surgeons, Electricians' and Acid proof Gloves Agent Ahmed A Fazelbhoy, 38, Queen's Road

RUST, ACID AND HEAT RESISTING STEELS

Firth Vickers Stainless Steels, Ltd, Rust, Acid and Heat Resisting Steels Sole Agents William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

SANITARY ENGINEERS

Shanks & Company, Limited, Barrhead, Scotland Manufacturers of Baths, Cisterns, Fittings and Sanitaryware Trade Marks 'Levern' and "Reliable" Agents The Sizing Materials Company, Ltd, Jeroo Building, 137, Mahatma Gandhi Road, Bombay 1

SANITARY WARES & FITTINGS

Fernion, Hungarian Trading Company for Technical Goods, Budapest, Hungary, Manufacturers of Sanitary Earthernware, Bath Tubs and Wall Tiles, etc Sole Agents W A Beardsell & Co Ltd, Post Box No 132, Bombay 1

Fordhams Pressings Ltd, Wolverhampton Mfrs of Seamless Steel & Enamelled Flushing Cisterns, Cattle Drinking Bowls, etc Agents A H Shah & Co, Jan Mansion, Sir Phirozshah Mehta Road, Fort

IDEAL BOILERS AND RADIATORS LTD, Ideal House, Great Marlborough Street, London, W 1 Sole Agents: Domestic Appliances Co Ltd, Forbes Building, Home Street, Fort

John Slater (Stoke) Ltd., Stoke, Mfrs of Sanitary & Hospital Fireclayware Agents A H Shah & Co, Ltd., Jan Mansion, Sir Phirozshah Mehta Road, Fort

Johnson Bros Ltd, Stoke Mfrs of Sanitary Earthenware Agents A H Shah & Co, Ltd, Jan Mansion, Sir Phirozshah Mehta Road, Fort

J & R HOWIE LTD, Hurlford Fireclay Works, Kilmarnock, Scotland, Manufacturers of Fireclay Sanitary Ware, Sole Agents for Bombay State R K Shapurji & Co, Prospect Chambers, 319, Hornby Road, Fort P O No 1065

Robert McArd & Co, Ltd, Denton Mfrs of Plastic Sanitaryware, W C Seats, and Cabinet Makers Agents A H Shah & Co, Jan Mansion, Sir Phirozshah Mehta Road, Fort

Samuel Booth & Co, Ltd, and Barking Brassware & Co, Ltd, England Mfrs of Sanitary Metal Fittings Agents A H Shah & Co, Ltd, Jan Mansion, Sir Phirozshah Mehta Road, Fort

Sperryn & Co, England, Sanitaryware, Plumbers and Brass Foundry Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Twyfords, Ltd, England Sanitaryware Agents in India Armstrong Smith, Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

SAWS

ELSWORTH LTD, Australian Works, Sheffield 3, England (Circular Saws, Band Saws, Handsaws, Machine Knives, Shear Blades, Augers, Mortice Chisels and other wood working tools) Agents: Gaytee & Co, Janmabhoomi Chambers, Fort Street, Fort Grams "IMPENG"

H H Swann & Son Ltd Cygnet Works, Copper Street, Sheffield 3, England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

J Beardshaw & Sons, Ltd, Baltic Steel Works Sheffield 9, England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

SCIENTIFIC AND INDUSTRIAL INSTRUMENTS

Baldwin Instrument Co, Ltd, Dartford, Kent (England) Scientific & Industrial Instruments such as X Ray maitor, Gamma Radiation Detector, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Bruel & Kjaer, Naerum (Denmark), Instruments for tele technical Acoustical and Medical research such as B F Oscillators, Vibration pickups, condenser microphones, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Newbold & Bulford Ltd, London, W C 1, (England) Telescopes, Theatre Glasses, Ophthalmic Equipment & Instruments, Magnifiers, Reading Glasses, Compasses, Microscopes and Accessories, Barometers, Thermometers, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

Hetland Research Corporation, Colarado, (U S A) Geophysical Instruments, Photographic Accessories, Scientific and Industrial Instruments Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

W R Prior & Co, Ltd, London, W 1 (England) Microscopes for Students, Laboratory, Research, Dissecting Instruments, Micrometers, etc Agents Eastern Electric & Engineering Co, 127, Mahatma Gandhi Road, Fort

SCIENTIFIC & MARINE INSTRUMENTS

Amsler & Co (Alfreid, J), Schaffhauses, Switzerland Testing Machines, Planimeters, Integrators Sole Importers Volkart Brothers, Ballard Estate

Casartelli, J, & Son Ltd, Manchester Scientific Instruments Makers Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

Cinema—Television Ltd (Incorporating Baird Television Ltd), London Agents Raj-Der-Kar & Co, Commissariat Building, Hornby Road, Fort

Coleman Electric Company, Maywood, III, U S A Sole Agents Raj Der-Kar & Co, Commissariat Building, Hornby Road, Fort

E Mettler, Zurich, Switzerland Agents Raj-Der-Kar & Co, Commissariat Building, Hornby Road, Fort

Huggenberger Physical Instruments, Zurich (Switzerland) Tensometers, Co ordimeters, Deformeters, Deflectometers, Clinometers, Electric Strain Gauges, etc Sole Importers Volkart Brothers, Mechanical Dept, Ballard Estate

Leeds & Northrup Company, Philadelphia Indicators, Recorders, Controllers, etc Electrical Measuring Instruments Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

Taylor, W A, & Co, Inc, Baltimore, M D, U S A Sole Agents Raj-Der Kar & Co, Commissariat Building, Hornby Road, Fort

SCRAPS

Benjamin Schwatz, 11 West, 42nd Street New York 18, N Y, Copper Brass & Aluminium Scraps Agents Doshi Bros (Bombay) National Insurance Building, 204, Hornby Road, Fort

SCREENING PLANT

Bridges, S N, & Co Ltd, London Sieving and Grading Machines Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

SCREWS

Guest, Keen & Nettlefolds, Ltd, London Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

SEWAGE EQUIPMENT

Adams Hydraulic Ltd, York Makers of Apparatus and Fittings for Sewage Purification Works, Pumping Plant Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

Cakebread Robey & Co, London Makers of Drain Cleaning Appliances Agents Richardson & Cruddas, Ltd, Byculla

SHAPING & SLOTTING MACHINES

Ormerod Shapers Ltd, Hebdenbridge, Yorks, England Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Bombay

SHIPPING COMPANIES

Belships Co, Ltd, Victoria St, Westminster, London, S W 1 Agents Killick Nixon & Co, Ltd, Killick Building, Home Street, Fort

Bibby Bros & Co, Martins Bank Building, Water Street, Liverpool Agents Killick Nixon & Co, Ltd, Killick Building, Home Street, Fort

Ellerman's City & Hall Lines Ltd, Bankside House, 107, Leadenhill Street, London, E C 3 Agents Killick Nixon & Co, Ltd, Killick Building, Home Street, Fort

Everett Star Line, Central, P O Box No 558, Tokyo, Japan Agents Killick Nixon & Co Ltd, Killick Building, Home Street, Fort

France-Pakistan India Ceylon Line Service of the Compagnie des Messageries Maritimes, Paris, to and from Continental and Mediterranean Ports Representatives Volkart Brothers, Ballard Estate

Hoegh Line—Service of the Hoegh Line to and from U S A, Atlantic and Gulf Ports Representatives Volkart Brothers, Ballard Estate

Holland-Bombay Karachi Line and Holland Bengal Burma Line Service of the United Netherlands Navigation Co, Rotterdam, to and from European Ports, Continental and Mediterranean Ports Representatives Volkart Brothers, Ballard Estate

Isbrandtsen Lines, 26, Broadway, New York Regular Cargo Service between India and American North Atlantic Ports Agents Shaw Wallace & Co, Ltd, Ballard Estate

Java Pacific & Hoegh Lines—Service of Java Pacific Line and Leif Hoegh & Co, A/s, Oslo to and from U S A and Canada, Pacific Coast Representatives Volkart Brothers, Ballard Estate

Nedlloyd Line—Service of the N V Stoomvaart Mij Nederland and Koninklijke Rotterdamsche Lloyd, from U S A, Atlantic and Gulf Ports Representatives Volkart Brothers, Ballard Estate

Prince Line Limited, London Representatives Volkart Brothers, Ballard Estate

Stanley & John Thompson, Ltd, London (The Silver Line Ltd) Representatives Volkart Brothers, Ballard Estate

T & J Harrison, Mersey Chambers, Liverpool Ltd Agents Killick Nixon & Co, Ltd, Killick Building, Home Street, Fort

Thos & Jno Brocklebank Ltd, Cunard Building, Pier Head Liverpool Agents Killick Nixon & Co, Ltd, Killick Building, Home Street Fort

SIZING MATERIAL

Houghton, E F, & Co, Philadelphia Agents Hardcastle, Waud & Co, Ltd, Alice Buildings, Hornby Road, Fort

SMALL TOOLS-METAL & WOOD WORKING

Firth Brown Tools Ltd Files, Drills, Augers etc Sole Agents William Jacks & Co Ltd, Hamilton House, Graham Road, Ballard Estate

SOAP FACTORIES

F C Calvert & Co Ltd, Manchester, England Manufacturers of Carbolic Soaps and Products Sole Agents for India Carr & Co, Ltd, P O Box 152, Bombay

John Gosnell & Co, Ltd, Lewes, England Manufacturers of Fine Toilet & Bath Soap Agents T Byramji & Co, Central Bank Building, Fort

SOLVENTS

Chemische Werke Huls G M b H Marl, W Germany Solvents for Paint, Rubber & Food Industries Agents Weil Company Chateau Marine, 41 B, Marine Drive, Bombay 1

SOUND PROJECTORS (16 & 35mm.) FOR THEATRES AND HOME

British Thomson Houston Export Co Ltd , Rugby, England BTH 35 mm and 16 mm single and double projection and Talking Picture Apparatus Agents Eastern Electric & Engineering Co , 127, Mahatma Gandhi Road Fort

SPEED INDICATORS & RECORDERS

Hasler Telegraph Works, 26, Victoria Street, Westminster, London, S W 1 Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

James Jacquet, S A , Basle, Switzerland Speed Indicators, etc Agents Gannon Dunkerley & Co , Ltd , Chartered Bank Building, Fort Bombay

SPERM OIL

Hugh Highgate & Co , Ltd , England Stockists Roberts, McLean & Co , Ltd , Ilaco House, Sir Phirozshah Mehta Road, Fort

PETER MOLLER A S (Fish Oils) Selling Agents I C I (India) Ltd , Post Box No 310, Bombay 1

SPORTS GOODS MFRS. AND DEALERS

A G Spalding & Bros Ltd " Sports Goods " Sole Agents J L Morison, Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road, Bombay 26

I C I LTD , Sporting Ammunition Dept , England " ELEY " and " KYNOCH " Cartridges, Gun Powders, etc I C I Ltd , Plastics Division 'Luron ' Fishinglines, " Survon " for Tennis racquets Representatives in India I C I (India) Ltd , Post Box No 310, Bombay 1

SPRAY PAINTING EQUIPMENT

Aerograph Co Ltd London England Spray Painting Equipments Agents John Fleming & Co Ltd , Bastion Road, Fort, Bombay

Aerograph Co , Ltd , Holborn Viaduct, London, E C Spray Painting Apparatus Agents Gillanders Arbuthnot & Co , Ltd , Elphinstone Building, Vir Nariman Road

Air Industrial Developments Ltd Aidspray Works Shensten, Nr Lichfield, Staffs , England Agents Machine Tools (India) Ltd , Imperial Chambers, Wilson Road, Ballard Estate

B E N Patents Ltd , High Wycombe, England Spray Painting plants, Spray Guns, Compressors, Receivers Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street Fort

Morris, B O , Ltd , Coventry, Polishers Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

SPRINGS

Cope & Timmins (London) Ltd , 91 93 Paul Street Finsbury London E C 2 Agents Soho House, Lohar Street

STATIONARY AND MARINE DIESEL ENGINES

Burmeister & Wain Copenhagen Stationary and Marine Diesels Sole Agents Gannon Dunkerley & Co Ltd , Chartered Bank Building, Fort, Bombay

STATIONERS

Fisk Davey & Co , Wainwright Street Works, Aston, Birmingham 6 Agents Soho House, Lohar Street

HARDTMUTH, L. & C (GREAT BRITAIN), LTD , Koh-i-Noor Pencil Factory, Epsom, Surrey Agents. Wiggins, Teape & Alex Pirie (Export) Ltd , Kamani Chambers, Nicol Road, Ballard Estate

Perry & Co , Ltd , " Perry " Steel Pens and other Stationery Items Sole Agents J L Morison, Son & Jones (India) Ltd , opp Mahalaxmi Temple, Warden Road, Bombay 26

PIRIE, APPLETON & CO , LTD , Manufacturing Stationers, Chadwell Heath Mill, Essex Agents Wiggins, Teape & Alex Pirie (Export) Ltd , Kamani Chambers, Nicol Road, Ballard Estate

Stephens, H C , Ltd ' Stephens Inks, ' etc Sole Agents J L Morison, Son & Jones (India) Ltd , opp Mahalaxmi Temple, Warden Road, Bombay 26

STEAM, DIESEL & ELECTRIC LOCOMOTIVES & SPARES

Vulcan Foundry Ltd Newton Le Willows, Lancashire England Sole Agents Heatly & Gresham Ltd , 9 Forbes Street Fort

STEAM LINE ACCESSORIES

Strong Carlisle & Hammond Co , Ohio, U S A Reducing Valves, Steam Traps and Strainers for Steam, Air and Gas Agents Gannon Dunkerley & Co Ltd , Chartered Bank Building, Fort, Bombay

STEEL

C D Walzholz Hohenlimburg, Germany Cold Rolled & Cold Drawn Steels Sole Distributors F Bock & Co Shalc Building Bank Street, Fort Bombay 1

Stahlunion Export G m b H , Dusseldorf Steel materials and products of all kinds The Stahlunion Company Limited, 61, Pall Mall, London S W 1 The Stahlunion Company Limited, Indian House, 4th Floor Fort Street Bombay 1 Telegraphic Address Marcasteel , Bombay Tel Branch Offices Calcutta and Delhi

Workington Iron & Steel Co , Workington, England Steel Rails Fish Plates, Steel Sleepers and Fastenings, Bridge and Pit Rails, Spring Steel Bars, Billets Blooms and Slabs West Coast Hematite Pig Iron, Ferro Manganese, Coal Tar Ammonium Sulphate Sole Representatives The United Steel Companies (India) Ltd Himalaya House Junction of Hornby Road and Palton Road, Fort

STEEL & BRASS

Vossloh Werke, G M B H , Werdohl, Westfalia, Germany (Brit zone) Agents Soho House, Lohar Street

STEEL (STAINLESS)

Brown Bayley Steels Ltd , Leeds Road Sheffield Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

Lox (Samuel) & Co Ltd Sheffield England Alloy and Stainless Steel Sheets, Bars, Strip and Wire Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

Les Toles Innoxydables et Especials, Ugines, Gueugnon, Paris Agents Doshi Bros (Bombay), National Insurance Building, 204, Hornby Road, Fort

Republic Steel Corporation, U S A All types of Steel (Stainless Steel, High Carbon Steel, Tool Steel, Mild Steel, etc) Agent Ahmed A Fazelbhoy, 88, Queen s Road

WARDLOWS LTD , Sheffield Stainless Steel Rods and Sheets Agents : Gaytee & Co , Janmabhoomi Chambers, Fort Street, Bombay 1

STEEL CASTINGS

Edgar Allen & Co , Ltd , Sheffield Makers of High Speed Steels, heavy C S castings and Metal Working Tools Agents Richardson & Cruddas, Ltd , Byculla

STEEL MANUFACTURERS

Arthur Lee & Sons, Ltd Sheffield England Manufacturers of Steel Bars, Plates, Structurals, Stainless Steel, etc Representative for Bombay Eastern Trading & Engineering Co Alice Building, 3rd Floor, 339, Hornby Road, Fort

Dunford & Elliott (Sheffield) Ltd Attercliffe Wharf Works Sheffield, England Mining Drill Steel Bars Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road Fort

Edgar Allen & Co , Ltd , Sheffield Makers of High Speed Steels, Heavy C S Castings and Metal Working Tools Agents Richardson & Cruddas, Ltd , Byculla

English Steel Corporation Ltd , Sheffield Steel and Engineers Small Tools Railway Wagon Accessories Sole Concessionaires Greaves Cotton & Co , Ltd , 1, Forbes Street Fort

Exors of James Mills, Ltd , Stockport, Agents Guest Keen, Williams Ltd , Das Chambers, Dalal Street, Fort

Guest, Keen & Nettlefolds, Ltd , London Agents Guest, Keen, Williams Ltd , Das Chambers Dalal Street, Fort

Hadfields Ltd Sheffield Stone Crushers and Colliery Equipment, ERA ' Patent Manganese Steel Points and Crossings and Special Track Work for Railways and Tramways, etc Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate, Fort

Huntsman B (Sheffield) Ltd Sheffield, England High Speed and Tool Steel Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

Hallamshire Steel & File Co , Ltd , Hallamshire Works Sheffield 3 England Manufacturers of Black & Bright Bars in Alloy & Special Carbon Steels Wire & Rods, etc Sole Agents H Choksi & Co Ltd , 106/108 Medows Street Fort, Bombay

Johnson Richard & Nephew Ltd , Manchester, England Mild Steel Wire Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

Power Fredrick A & Sons (Saltley) Ltd , Edgbaston Birmingham, England Bright drawn Steel Bars Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

Shipmans (Sheffield) Ltd , Sheffield, England Silver Steel and Polished Music Spring Wire Sole Representatives The United Steel Companies (India) Ltd , Himalaya House Hornby Road Fort

Summers, John & Sons Ltd Hawarden Bridge Steel Works, Shotton, Chester, England Steel Sheets Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

STEEL PLATES

Appleby Frodingham Steel Co , Scunthorpe England Mild Steel Plates for Ship builders, Bridge builders, Structural Engineers, Boiler Makers etc Steel Angles, Channels, Joists, Tees, Sheet Piling and Flats Sole Representatives The United Steel Companies (India) Ltd , Himalaya House, Hornby Road, Fort

United Strip & Bar Mills, Sheffield, England Steel Strip for all trades, Box Strapping, Barrel Hoops, Ferro Concrete Bars, Bars for bolts, rivets and all Engineering purposes Sole Representatives The United Steel Companies (India) Ltd, Himalaya House, Hornby Road, Fort

STEEL WINDOWS AND DOORS

Henry Hope & Sons, Ltd, Steel Windows & Doors Mfrs, Smethwick, Birmingham Agents Balmer Lawrie & Co, Ltd, 5, Graham Road, Ballard Estate, Fort

Williams & Williams Ltd, Chester Makers of Steel Windows & Doors Agents Richardson & Cruddas, Ltd, Byculla

STEAM & WATER TURBINES

Hitachi Limited Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

STONEBREAKERS & GRANULATORS

Edgar Allen & Co, Ltd, Sheffield Makers of High Speed Steels Heavy C S Castings and Metal Working Tools Agents Richardson & Cruddas Ltd, Byculla

SUFLEX SLEEVINGS

SUFLEX LTD, 35, Baker Street, London W I Suflex Sleevings Representatives Latham Abercrombie & Co, Ltd, Forbes Building, Home Street, Fort

SUGAR MACHINERY

A F Craig & Co Ltd Sole Distributors William Jacks & Co, Ltd, Hamilton House, Ballard Estate, Fort

FAWCETT, PRESTON & CO, LIMITED, Bromborough, Cheshire, England Representatives James Finlay & Co Limited, P O Box No 73, Bombay 1

SUGAR MILLS

Incomati Estates Ltd, Portuguese East Africa Agents The Anglo Thai Corporation Ltd, Ewart House, Bruce Street

Sena Sugar Estates Ltd, Portuguese East Africa Agents The Anglo Thai Corporation Ltd, Ewart House, Bruce Street

SULPHUR

G L Corusso Torisi, Castonia, Italy Agents Doshi Bros (Bombay), National Insurance Building, 204, Hornby Road, Fort

SURGICAL GOODS AND INSTRUMENTS

Down Bros, and Mayer & Phelps Ltd, Surgical Instruments & Hospital Appliances Agents J L Morison Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

I C I LTD, Plastics Division, England Surgical Nylon Sutures, etc Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

T J Smith & Nephew Ltd, Surgical Dressings 'Elastoplast', 'Gypsona', etc Sole Agents J L Morison Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

SURVEYING INSTRUMENTS

COOK TROUGHTON & SIMMS LTD, York, England For Theodolites, Techeometers, Surveyor's Levels, etc Agents Pioneer Industries, 21, Forbes Street, P O Box 1909, Bombay 1 Phone. 31982 Grams "PIO-METAL"

Henry Wild Surveying Instruments Supply Co, Ltd, Heerburgg (Switzerland) Sole Agents Raj Der Kar & Co, Ltd, Commissariat Building, Hornby Road, Fort

SWITCHGEARS & METERS

Yorkshire Switchgear & Engineering Co, Ltd, Meanwood, Leads 6, England Manufacturers of Switchgears and Meters Representatives Asea Electric Ltd, Goa Street, Ballard Estate

SYRUPS

Pietsch Bros Vermont Australia (Doncaster Syrups) Agents Well Company, Chateau Marine, 41 B Marine Drive, Bombay 1

TELEPHONES

Kellogg Switchboards and Supply Co, Chicago Telephones and Switchboards of all types and sizes Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road Fort

TELEVISION TRANSMITTERS, OSCILLOGRAPH & INSTRUMENTS

Allen B Du Mont Laboratories, Inc, New Jersey Cathode Ray Tubes, Cathode-Ray Oscillographs, Television Radios and Equipment Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

Southern Instruments Ltd Camberley, Surrey (England) All standard Minirock Oscillographs, Engine Indicators, Transient Recorders, etc Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

TEXTILE ENGINEERS

Allen Beam Co, New Bedford, Massachusetts Wraper Beams, etc Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Bates Textiles Machine Co, Ltd, Leicester, England Hosiery Finishing Machinery Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

British Northrop Loom Co, Ltd, Daisyfield, Blackburn, England Automatic Looms Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Cocker Machine and Foundry Co, U S A High Speed Warping & Sizing Machinery Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Devoge & Co, Ltd, Manchester, England Jacquards, Card Cutting Machinery, etc Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Durrant, G, & Sons, Ltd, Textile Specialists Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Kershaw (H), & Son, Ltd, Mossley Roller Cloth, Sizing Flannel, etc Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Lang Bridge Ltd Accrington Cotton Bleaching, Dyeing, Printing and Finishing Machinery Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Macadam & Co, Ltd, Manchester Stamping Paste & Mercine Glaze Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Oldham Rope & Twine Co, Ltd, Oldham Cotton Rope and Banding Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

O'Neill, S, & Sons, Ltd, Paper Cones & Tubes Sole Representatives W H Brady & Co, Ltd, Royal Insurance Buildings, Churchgate Street

Petrie & McNaught Ltd, Rochdale, England Wool Washing, Carbonising and Drying Machinery, etc Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Rudman & Co, Ltd, F E, Manchester Mercine Glaze, Epsoil Softening Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Sanderson & Co (Textile Engineers), Ltd, Manchester, England Yarn Conditioning Machinery, etc Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Tatham (William) Ltd, Belfield Works, Rochdale, England Cotton Waste and Woollen Machinery Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Tragasol Products Co, Ltd Hooton Gum Tragasol and Gum Tragon for sizing and finishing Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Universal Winding Co Providence, U S A Mnfrs of Textile Winding Machinery Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Walrus Fibre Mfg, Co, Ltd, Rochdale, Lancashire, England Card, Cans, etc Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Whitley E Gordon, Leeds, England Woollen & Worsted Finishing Machinery, etc Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Wilson & Ingham Mirfied Card Clothing Burnishing and Stripping Brushes Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

Woonsocket Napping Machine Co, Woonsocket, U S A Raising Machines Sole Representatives W H Brady & Co, Ltd, 12/14, Churchgate Street

TEXTILE EQUIPMENT

Armstrong Cork Co, Ltd, Lancaster, Pa, U S A Agents Roberts, McLean & Co, Ltd Ilaco House, Sir Phirozshah Mehta Road

I C I LTD, Metals Division, England Copper Printing Rollers Selling Agents I C I (India) Ltd, Post Box No 310, Bombay 1

Lindemann Pressenban G m b H, Dusseldorf, Germany Scrap Sheers & Presses, Hydraulic Baling Presses for Cotton, Jute, etc Sole Importers Volkart Brothers, Ballard Estate

Rossendale Belting Co, Ltd, Dudley Hill, Bradford Hair Beltings Representatives Roberts, McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road

Stowaca Fibre & Can Co, Ltd, Moston, Manchester 9 Fibre and Steel Card Cans Agents Roberts McLean & Co, Ltd, Ilaco House, Sir Phirozshah Mehta Road, Fort

Thomas B Haigh & Joseph Gill Ltd, Horsforth (Leeds) Makers of spindle tapes Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort Bombay

Tomlinsons (Rochdale), Ltd, Rochdale All forms of Drying Machinery Thread extractors Hard Waste Breakers Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Willan & Mills, Blackburn Looms and Preparatory Machinery for Cotton and "St Colombe" Automatic shuttle changing and Plain Looms for Silk, etc Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

William Dickinson & Sons, Blackburn Looms and Preparatory Machinery Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Wilson & Co (Barnsley), Ltd, Barnsley Bobbins of all Types for Cotton, Silk and Wool Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort Bombay

TEXTILE MACHINERY

Dewey and Almy Chemical Co, Cambridge 40 Massachusetts U S A and U K, Office at Park Royal London N W 10 Manufacturers of Darex Washers and Textile Printing accessories Sole Agents Gannon Dunkerley & Co Ltd, Chartered Bank Building, Fort, Bombay

TEXTILE & TECHNICAL PUBLICATIONS

NIXON (ALFRED) SON & TURNER, Chartered and Incorporated Accountants, 40, Brazennose Street, Manchester, 2, England British Representatives for The Indian Textile Journal, Ltd, and M C Rutnagur & Co, Military Square, Fort, Bombay

TEXTILES

A & R Moos Weesslingen, Switzerland Agents F W Pollack & Co, 11, Oak Lane, Fort, Bombay

Attenborough, C W, & Co, Ltd, Leicester, England Manufacturers of Knitted Fabrics Sole Agents Batliboi, C J, & Co, 319, Hornby Road, Fort

Cepea Fabrics Ltd, Manchester Manufacturers of Cotton and Art Silk Dress Fabrics, Furnishings, etc Sole Agents W A Beardsell & Co, Ltd, 15 16, Sir Phirozshah Mehta Road, Fort

Charles Gorini, St Gall, Switzerland Agents F W Pollack & Co, 11, Oak Lane, Fort, Bombay

Hield Brothers Ltd, Bradford, England, Manufacturers of Woollen Textiles Sole Agents Batliboi, C J, & Co, 319, Hornby Road, Fort

Les Petits Fils de C J Bonnet Lyon, France Pure Silk Piecegoods, Brocades, etc Agents F Byramji & Co, Central Bank Building, Fort

Peers Knowles, Limited, Accrington, England Manufacturers of Clearer and Roller Cloths, Sizing Flannels and Ermen's Endless Clearer Cloths Trade Mark 'Hytra Brand" Agents The Sizing Materials Co, Ltd, Jeroo Building, 137, Mahatma Gandhi Road Bombay 1

TEXTILES MANUFACTURERS

Dan River International Corporation 1407, Broadway, New York, N Y Cotton, Woollen and Art Silk Piecegoods Agents Windmere (India) Ltd, Sir Vithaldas Chambers, Apollo Street, Bombay

SIBER & WEHRLI LTD, Zurich (Switzerland). Manufacturers of Rayon & Nylon Fabrics Sole Agents for India, etc M Dialdas & Sons, 190, Princess Street, Bombay 2 Phone. 30124

TESSITURA DE MERATE, COMO. (Italy). Manufacturers of Rayon & Nylon Fabrics Sole Agents for India, etc M Dialdas & Sons, 190, Princess Street, Bombay 2. Phone: 30124.

THERMOSTATIC STEAM & WATER MIXERS

Walker Crosweller & Co, Ltd, Leonard Thermostatic Valves Sole Agents William Jacks & Co, Ltd, Hamilton House, Graham Road, Ballard Estate

TIES

Ballaz, J & Co, Lyon France Neckties, Scarves, etc Agents T Byramji & Co, Central Bank Building, Fort

H MARILUS, Zurich Manufacturers of Silk & Rayon Neckties Sole Agents for India M Dialdas & Sons, 190, Princess Street, Bombay 2 Phone 30124

La Commerciale Tarinese, Italy Sole Agents Commodities Exchange Corporation, Jan Mansion, Sir Phirozshah Mehta Road, Fort

Western Neckware Co Inc, San Francisco Sole Agents Commodities Exchange Corporation, Jan Mansion, Sir Phirozshah Mehta Road, Fort

TILE & MARBLE MANUFACTURERS

Johnson, H & R, Ltd, Tunstall Manufacturers of Glazed Tiles Agents A H Shah & Co, Jan Mansion, Sir Phirozshah Mehta Road, Fort

T & R Boote Ltd, Burslem (England) Mfrs of Glazed Tiles Agents The Anglo Thai Corporation Ltd, Ewart House, Bruce Street

TILES & POTTERY MACHINERY

Aebi & Cie (Robert), Zurich, Switzerland Machinery and complete plant for the Manufacture of Roof and Floor Tiles, Bricks, Pottery, Porcelain ware, Sanitaryware, etc Sole Importers Volkart Brothers, Ballard Estate

TIME RECORDERS

General Time Instruments Corporation La Salle, Illinois, Stromberg Industrial Time Clocks, etc Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

Syachrouome Co, Ltd, England Electrical Apparatus such as Master Clocks, Secondary Clocks, Impulse Clocks, etc Agents Eastern Electric and Engineering Co, 127, Mahatma Gandhi Road, Fort

TOBACCONISTS

Benson & Hedges, Trafalgar House, Pallmall, London Cigars, Cigarettes & Tobacco Agents for whole of India & Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Freeman, J R, & Son, Ltd, Pulton Place, Walham Green, London, S W 6 Cigars Agents for whole of India & Pakistan Phipson & Co, Ltd., 6, Apollo Street, Fort

TOILETRIES

A Rowland & Sons, Ltd, "Macassar Oil", Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Bronnley, H, & Co, Ltd, London Makers of high class soaps and perfumes and Toilet requisites Agents The Anglo-Thai Corporation, Ltd, Ewart House, Bruce Street

County Perfumery Co, Ltd, "Brylcreem" Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Fairy Dyes Ltd "Morning Pride Shaving Cream" Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Gala of London Ltd Nail Colour, Lipsticks, Liplines, etc Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Innoxa (England) Ltd, "Innoxa Beauty Preparations" Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Jarrett, Rainsford & Laughton Ltd, Birmingham, England Representatives Bhimjee & Co, Ltd, 17, Elphinstone Circle, Fort

John Gosnell & Co, Ltd, Lewes, England Soaps Perfumes and Toilet Requisites Agents T Byramji & Co, Central Bank Building, Fort

JOHNSON & JOHNSON (Gr BRITAIN) LTD, England Selling Agents I C I (India) Ltd, Imperial Chemical House, Ballard Estate, Bombay 1

Macleans, Ltd Macleans Peroxide Toothpaste, and Toothbrushes Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Morny, Ltd Perfumery & Toilet Specialists Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Pritchard & Constance Ltd, "Amami Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Roger & Gallet, France, Switzerland & England High Class Soaps, Perfumes and Toilet Requisites Agents T Byramji & Co, Central Bank Building, Fort

T F Bristow & Co, Ltd, "Hendonia" Solid & Liquid Brilliantine Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

Thomas Christy & Co, Ltd, Glycothymoline, Liquid Lanoline and Zepto Tartar Removing Pencils Sole Agents J L Morison, Son & Jones (India) Ltd, opp Mahalaxmi Temple, Warden Road, Bombay 26

TOOLS MFRS. AND DEALERS

ACKERMANN U SCHMITT K G, Postfach 28, Stuttgart, 13, Germany, Electric Tools Representatives James Finlay & Co, Limited, P O Box No 73, Bombay 1

Bridges, S N, & Co, Ltd, London Pipe Dies. Portable Electric Tools Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

C & E Fein, Germany All kinds of Portable Electric Tools Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

CEMENTED CARBIDE PRODUCTS LTD, U K for Tungsten Carbide, Tool bits for Machining, Dies for Wire Drawing, Units for Mining Tools, etc Agents: Pioneer Industries, 21, Forbes Street, P O. Box No 1909, Bombay 1 Phone: 31982 Grams: "PIOMETAL".

Charles Neil & Co , Ltd , Sheffield Cramps, Vices, etc Agents in India Armstrong Smith Limited, Gresham Assurance House Sir Phirozshah Mehta Road, Fort

Charles Thomas & Co Ltd , Wainwright Street, Astar Birmingham 6 Agents Soho House, Toha Street

English Steel Corporation Ltd Sheffield Steel, and Engineers Small Tools Rail way Wagon accessories Sole Conces sionaires Greaves Cotton & Co , Ltd , 1, Forbes Street Fort

Hack Saws Ltd , Sheffield Aven Hack saw Blades, Frames and Metal Cutting Band Saws Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Humphries & Sons Ltd , Dorset Spanners & Pipe Wrenches Agents in India Armstrong Smith Ltd , Gresham Assur ance House, Sir Phirozshah Mehta Road, Fort

Ideal Machine Tool & Engineering Co Ltd , London Callipers, Gauges & Precision Tools Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road Fort

Nuckey, Scott & Co Ltd , London ' Warrior Brand Taps & Dies Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Peter Stubs, Ltd Warrington Files, Gravers, Scrapers Tool Holder Bits, Tool Steels Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Robert Sorby & Sons, Ltd , Sheffield Edge Tools, Garden Tools etc Agents in India Armstrong Smith Ltd , Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

Turton Bros & Matthews Ltd , Sheffield Agents Guest, Keen, Williams Ltd , Das Chambers, Dalal Street Fort

Vereinigte Beckersche Werkzeugfabriken Remscheid W Germany (For Tools) Agents Weil Company Chateau Marine, 41 B Marine Drive Bombay 1

VEERKOOPKANTOOR VAN DER HEEM N V , Maaniveg 256, The Hague, Holland Electric Drills Representa tives James Finlay & Co , Limited, P O Box No 73, Bombay 1

WALTER SPENCER & CO , LTD , Crescent Steel Works, Warren Street, Sheffield 4, England (Mfrs of High speed and Alloy Tool Steels, Carbon Tool Steel, Twist Drills, Files, Cutters, Hobs, Reamers, Cemented Tungsten Carbide Tips, Tipped Tools and Tool Bits, etc , etc) Agents Gaytee & Co , Janmabhoomi Chambers, Fort, Bombay Grams "IMPENG "

TOOLS SHARPENING MACHINES

Russell, S , & Sons, Ltd , Leicester Cold Sewing Machines, Saw Sharpening Machines Sole Agents William Jacks & Co , Ltd , Hamilton House, Graham Road, Ballard Estate

TRACTORS & PLOUGHS

International Harvester Export Co , Chicago, U S A Agricultural Machinery and Im plements, McCormick-Deering Tractors, (Agricultural and Industrial) Sole Im porters Volkart Brothers, Ballard Estate

Oliver Corporation Cletrac & Oliver Tractors, Oliver Ploughs, etc Sole Agents William Jacks & Co , Ltd Hamilton House, Graham Road, Ballard Estate

TRACTION GEARS AND UNITS

Wiseman Alfred & Co Ltd , Glover Street, Birmingham 9 Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

TRAIN LIGHTING BATTERIES & ACCUMULATORS

Pritchett & Gold & E P S Co Ltd Manu facturers of Accumulators of all types, Head Office 50 Grosvenor Gardens, Victoria, London Sole Agents Heatly & Gresham Ltd P O Box No 225, Bombay Telephones 27021 27022 General Manager for India Niren N Ghose, I P D F H (Lond), A M I E

TRANSFORMERS

Hitachi Ltd Sole Agents William Jacks & Co Ltd , Hamilton House Ballard Estate Fort

TRAVELLING REQUISITES

Fibre Case Co Ltd 36 S Peckham Road London S E 5 Agents Soho House Tohar Street

TUBE WELL DRILLING AND BORING EQUIPMENT

English Drilling Equipment Co , Ltd , London Agents Killick Nixon & Co , Ltd , Killick Building Home Street Fort

TYGLAS

Rotherhill & Harvey Ltd Manchester Agents Killick Nixon & Co Ltd , Killick Building Home Street, Fort

TYGAN FLYSCREENING

Rotherhill & Harvey Ltd Manchester Agents Killick Nixon & Co Ltd , Killick Building House Street Fort

TYPEWRITERS

ATVIDABERGS INDUSTRIER, Export Dept , Postfack, Stockholm 7, Sweden , Halda Typewriters and Facit Calculators Representatives Latham Abercrombie & Co , Ltd , Forbes Building, Home Street, Fort

Paillard Ltd Yverdon (Switzerland) Hermes Typewriters Sole Importers Volkart Brothers Ballard Estate

TYPEWRITER AGENCIES

FACIT (Aktiebolaget Facit), Stockholm, Swedon "Halda" Typewriters and "Facit" Calculating Machines Representatives Latham Abercrombie & Co , Ltd , Forbes Building, Home Street, Fort

UPHOLSTERY

I C I LTD , Leather cloth Division, England "REXINE" & "VYNIDE" Leather cloth Selling Agents I C I (India) Ltd , Imperial Chemical House, Ballard Estate, Bombay 1

VACUUM BRAKE EQUIPMENT

Gresham & Craven Ltd , Ordsal Lane, Salford, Manchester England Sole Agents Heatly & Gresham, 9 Forbes Street

Vacuum Brake Co , Ltd , 137, Abby House, Victoria Street, London, S W 1 Loco motive and Rolling Stock Fittings Agents Heatly & Gresham Ltd , 9, Forbes Street Fort

VACUUM CLEANERS

R G Dixon & Co , Ltd , Wembley Va cuum Cleaners and Floor Maintenance Machines Agents Eastern Electric & Engineering Co , 127, Mahatma Gandhi Road Fort

VALVES (WATERWORKS)

Ham Baker & Co Ltd , England Valves, Penstocks Fittings, etc Agents John Fleming & Co Ltd , Bastion Road, Fort, Bombay 1

J Blakeborough & Son, Ltd , Brighouse Makers of Valves all types and other Waterworks Appliances Agents Richard son & Cruddas Ltd , Byculla

VAULTS, LOCKS AND SAFES

Mosler Safe Co New York Agents Balmer Lawrie & Co , Ltd , 5, Graham Road, Ballard Estate Fort

VEE ROPE MFRS.

Fenner, J H & Co Ltd Marfleet, Hull England V Belts and V Belt Drives Agents Greaves, Cotton & Crompton Parkinson Ltd , 1, Forbes Street, Fort

VENTILATORS

Greenwood & Airvac Ventilating Co , Ltd , Kingsway, London Manufacturers of Airvac Ventilators and Railway Carriage Ventilating Fittings Agents J D Jones & Co (Bombay), Ltd Rustom Building, Churchgate Street Fort

Robertson, Thain Ltd Mersey Iron Works, *Ellesmere Port*, Wirral, Cheshire Sole Agents Heatly & Gresham Ltd , 9, Forbes Street, Fort

VETERINARY SPECIALITIES

Bob Martin (Export) Ltd Condition Powders and Dog Remedies Sole Agents J L Morison, Son & Jones (India) Ltd opp Mahalaxmi Temple, Warden Road Bombay 26

WASHING MACHINES

R Powley & Sons Ltd Sunderland Eng land Washing Machines for any Industry Agents Weil Company Chateau Marine, 41 B, Marine Drive Bombay 1

WATCH & CLOCK MAKERS

Gebruder Junghans, A G , Schramberg, Black Forest, Germany Agents I Byramji & Co , Central Bank Building, Fort

Lingendorf Watch Co Lingendorf Switzer land for Lanco Watches and Parts Agents I Byramji & Co Central Bank Building, Fort

WATER CURRENT METERS

W & J I Gurley Engineering and Survey ing Instruments such as Current Meters Telescope Level etc Agents Eastern Electric & Engineering Co , 127, Mahatma Gandhi Road Fort

WATER FILTRATION

CANDY FILTER CO , LTD , London, Manufacturers of all types of Water Purification and treatment Plant Agents Candy Filters (India) Ltd , Forbes Bldg , Home Street, Fort, Bombay

Metafiltration Co , Ltd , Hounslow, Middle sex Metafiltrater for Laboratory and Industrial use Agents Roberts McLean & Co , Ilaco House, Sir Phirozshah Mehta Road

Permutit Co, Ltd, London Manufacturers of Base Exchange and Soda Lime Water Softeners, Water Purification Plant. Agents J Stone & Co (India), Ltd, Yaffi Building, Goa Street, Ballard Estate

WATER METERS

AQUAMETRO LTD, Switzerland, Basle Meters for Water and other Liquids Sole Importers Volkart Brothers, Ballard Estate

British Pitometer Co, Ltd, London Venturi Meters and Recorders Agents Glenfield & Kennedy Ltd 198 Jamshedji Tata Road, Fort, Bombay 1

British Water Meter Co, Ltd, Manchester Water Meters Sole Agents Gannon Dunkerley & Co, Ltd, Chartered Bank Building, Fort, Bombay

Cleveland Meters Ltd, Yorkshire Makers of Water Meters Agents Richardson & Cruddas, Ltd Byculla

COMPAGNIE CONTINENTALE D'APPAREIL, De Mesure, Bruxelles, Belgium, Water Meters, Gas Meters, Gas—Water-Heaters etc, Agents Gaytee & Co, Janmabhoomi Chambers, Fort Street, Bombay 1

Glenfield & Kennedy, Ltd, Kilmarnock Inferential and Positive Agents Glenfield & Kennedy Ltd, 198 Jamshedji Tata Road Fort Bombay 1

Taylors of London Ltd, London, England Water Meters Waste & Cocks Fittings Agents John Fleming & Co, Ltd, Bastion Road Fort Bombay 1

WATERPROOF ABRASIVE PAPERS

Minnesota Mining & Manufacturing Co Ltd, Adderley Park, Birmingham 8 Agents Gillanders Arbuthnot & Co Ltd Elphinstone Building Veer Nariman Road

WATER PURIFICATION & SCALE PREVENTING DEVICES

Epuro Limited Belgium Water Purification Plants Electro Magnetic Scale Preventing Devices for Water and Sugar cane Juice Black liquor in paper Industry Contact Ratansi Morarji Limited Prospect Chambers 317 21, Hornby Road, Bombay 1

WATER TREATING CHEMICALS

"ALFLOC" Water Treatment Chemicals I C I Ltd, "ALFLOC" Water Treatment Service, England Selling Agents I C I (India) Ltd, Imperial Chemical House, Ballard Estate, Bombay 1

WEIGHBRIDGES

Ashworth, L & A Ltd, Crown Engineering Works, Staincliffe Road, Dewsbury, Yorks, England Scales & Weighbridges Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

WEIGHING MACHINE MFRS.

Autopack Ltd Birmingham, Weighing & Filling Machines for Foodstuffs Tea, Flour Cereak Soap Flakes Weighing Pressing and Tin Feeding Machine for Barley Coffee, etc Agents for India Armstrong Smith Ltd Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

WELDED STEEL WIRE FABRIC

British Reinforced Concrete & Engineering Co, Ltd, Lichfield Road, Stafford, England Sole Agents Heatly & Gresham, Ltd, 9, Forbes Street, Fort

Twisteel Reinforcement, Ltd, Smethwick Steel Reinforcing Fabric and Bars Agents Guest, Keen, Williams, Ltd, Das Chambers, Dalal Street, Fort

WELDERS (ELECTRIC & GAS)

Sciaky Electric Welding Machines Ltd, Farnham Road, Slough, Bucks, England Agents Machine Tools (India) Ltd, Imperial Chambers, Wilson Road, Ballard Estate

WELDING EQUIPMENT

Asea Svets, Stockholm, Sweden Manufacturers of Welding Equipment of all Types & Electrodes Representatives Asea Electric Ltd, Yaffi Building, Goa Street, Ballard Estate, Bombay 1

Murex Ltd, Rainham, Essex Agents Guest, Keen, Williams Ltd, Das Chambers, Dalal Street, Fort

Welding Supplies Ltd, London Electrodes and Welding Plants Agents in India Armstrong Smith Ltd, Gresham Assurance House, Sir Phirozshah Mehta Road, Fort

WHEELS & AXLES

Taylor Brothers & Co Ltd Trafford Park Steel Works Manchester Manufacturers of Axles Wheels and Tyres Agents J Stone & Co (India) Ltd Yaffi Building, Goa Street Ballard Estate

WINDOW & DOOR FITTINGS (TRANSPORT)

Aldam Hill & Co Ltd, E, Britannic Works Haslemere Avenue, London, S W 18 Sole Agents Heatly & Gresham Ltd, 9, Forbes Street Fort

Williams & Williams, Ltd, Chester Makers of Steel Window Frames Agents Richardson & Cruddas, Ltd, Byculla

WINDOWS FOR RAIL, ROAD AND MARINE TRANSPORT

Beckett Laycock & Watkinson Ltd Acton Lane London N W 10 Sole Agents Heatly & Gresham Ltd, 9, Forbes Street, Fort

WINE & SPIRITS

A De Luze et Fils, 88, Quaides Chartons, Bordeaux, France Wines and Liqueur Brandy Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Barclay Perkins & Co, Ltd, Brewery, Park Street, Southwark, London, S E 1 British Beer Agents for whole of India & Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Begg, John, Ltd, 64, Waterloo Street, Glasgow Whisky Agents for whole of India & Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Bierbrauerei Wilh Rennes, Brenea, Germany Beer Agents for the whole of India and Pakistan Phipson & Co Ltd, 6, Apollo Street Fort

Bollinger, J Ay Vintage and Special Cuvee Champagne Sole Distributors Spencer & Co Ltd, Spencer's Building, Forjett Street, Bombay 26

Boord & Son, Ltd, London "Cat on Barrel" Old Tom and Dry Gins Sole Distributors Spencer & Co, Ltd, Spencer's Building, Forjett Street, Bombay 26

Booth's Distilleries, Ltd, 83, 84 & 85, Turnmill Street, London, E C 1 London Gin Agents for whole of India & Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Bulmer & Co, Ltd, H P, Hereford, England. Cider Agents for whole of India (except Madras) & Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Canadian Breweries Ltd, Toronto Carling Beer Sole Distributors Spencer & Co, Ltd Spencer's Building, Forjett Street, Bombay 26

Charles Heidsieck, Reims, France Champagne Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Coates & Co (Plymouth), Ltd, Blackfriars Distillery, 59-60, Southside Street, Plymouth, England Plymouth Gin Agents for Bombay, Karachi & Calcutta Phipson & Co, Ltd, 6, Apollo Street, Fort

Cockburn & Campbell, Ltd, 82, St Andrew Square, Edinburgh Whisky Agents for whole of India & Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Cointreau Pere et Fils, Angers, France Cointreau Liqueur Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Co operative Wine Growers Association of South Africa, Ltd, Cape Town Sole Distributors Spencer & Co, Ltd, Spencer's Building, Forjett Street, Bombay 26

Cusenier Fils Aine & Cie 226 Boulevard Voltaire Paris France Liqueurs Agents for whole of India and Pakistan Phipson & Co, Ltd 6 Apollo Street Fort

Distillers Agency, Ltd, Edinburgh King George IV Whisky Sole Distributors Spencer & Co, Ltd, Spencer's Building, Forjett Street, Bombay 26

Eum Wine Co, Pty Ltd, Morphett Vale, S Australia Emu Australian Wines Agents for whole of India & Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Falcon Brewery (Van Vollenhoven's Bierbrouwerij, N V) Hoogte Kadijk, 43, Amsterdam (C) Holland Beer Agents for whole of India and Pakistan Phipson & Co, Ltd 6, Apollo Street, Fort

Finsbury Distillery Co, Ltd, Moreland Street, London, E C 1 Stone's Ginger Wine and Orange Bitters Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Francesco Driali, Mira (Venezia) Holy, Maraschino and Kirschwasses Agents for whole of India and Pakistan Phipson & Co Ltd 6, Apollo Street, Fort

G H Mumm & Co, Reims, France Champagne Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Gonzales Byass & Co, Ltd 7 8, Gt Winchester Street Old Broad Street, London, E C 2 Port and Tio Pepe Sherry Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Graham W & J, Co, 145, St Vincent Street, Glasgow C 2 Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Guinness Exports Ltd, 2 8, Atlas Street, Liverpool 3 Bull Dog Stout—Agents for Bombay and Karachi "Stork" Stout—Agents for Calcutta and Madras Phipson & Co, Ltd, 6 Apollo Street, Fort

H & G Simonds, Ltd, The Brewery, Reading, England Beer Agents for whole of India and Pakistan Phipson & Co, Ltd, 6, Apollo Street, Fort

Haig John & Co, Ltd, Markinch Whisky Distillers, Sole Distributors Spencer & Co, Ltd, Spencer's Building, Forjett Street, Bombay 26

Harvey, John & Sons, Ltd , 5, Pipe Lane, Colston Street, Bristol 1, England Ports and Sherries Agents for whole of India & Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Henry White & Co , 14, 40, Eastcheap, London, E C 3 Rum Agents for whole of India & Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Hopkins, John, & Co , Ltd , 133, Waterloo Street, Glasgow Whisky Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Hugel et Fils, Alsau, France Alsatise Wines Agents for whole of India and Pakistan Phipson & Co Ltd , 6, Apollo Street, Fort

J A BROWN & CO , DISTILLERS (London) LTD , London Representatives J A Brown & Co (Bombay) Ltd , Brabourne Stadium, Churchgate Street, Bombay and J A Brown & Co at Udaipur (Rajasthan)

Jameson, John & Son, Ltd , Bow Street Distillery, Dublin Irish Whisky Agents for Bombay and Karachi Phipson & Co , Ltd , 6 Apollo Street, Fort

Jas Hennessy & Co , Cognac Hennessy XXX and other Liqueur Brandies Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Joseph E Seagram & Sons, Montreal Canadian Whisky and Gin Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Justerini & Brooks, Ltd , 2, Pall Mall, London, S W 1 Liqueur Brandy Agents for Bombay and Karachi Phipson & Co Ltd , 6, Apollo Street, Fort

Leo Buring Pty Ltd , 255A, George Street, Sydney Australian Wines Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Mackinlay, Chas & Co , 89, Constitution Street, Leith Scotch Whisky Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Matthew Clark & Sons, Ltd , 110, Cannon Street, London, E C 4 De Kuyper s Gin Agents for whole of India (except Madras) and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Moet & Chandon, France Champagne Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Peter Dawson, Ltd , 133, Waterloo Street, Glasgow Whisky Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street Fort

Peter F Heering, Overgarden N V 11, Copenhagen, Denmark Cherry Heering Agents for Bombay & Karachi Phipson & Co , Ltd , 6, Apollo Street, Fort

P J Valckarberg, Worms, Western Germany, Hock, Moselle, etc Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Pol Roger & Co , Epernay, France Champagne Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Pommery & Greno, Reims, France. Champagne Agents for Bombay & Karachi Phipson & Co , Ltd , 6, Apollo Street, Fort

Read Bros , Ltd , London Bottlers, Guinness Stout "Dog's Head" Sole Distributors Spencer & Co , Ltd , Spencer's Building, Forjett Street, Bombay 26

Red Tower Brewery, Ltd , Royal Brewery, Moss Side, Manchester Beer Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Rutherford Osborne and Perkin, Ltd , 66, Mark Lane, London, E C 3 Madeira Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

S A Chianti Ruffino, Casella Postale 115, Brescia, Italy Chianti Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

S A Francesco Cinzano & Cia , Casella Postale 465, Torino Italian Vermouth Agents for whole of India (except Madras and Pakistan) Phipson & Co Ltd , 6, Apollo Street, Fort

Sandeman, George G , Sons & Co , Ltd , London Sandeman s Ports, Sherries and Madeiras Sole Distributors Spencer & Co , Ltd , Spencer s Building, Forjett Street, Bombay 26

Societe St Raphael 8 Rve Dr Pav Royal, Paris 3 Quinquina Medicated Tonic Wine Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street Fort

Swan Brewery Co , Ltd , St George s Terrace, Perth, Western Australia Beer Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Thomas Grant & Sons, Ltd , The Distillery, Maidstone, England Sloe Gin and Cherry Brandy Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Tolley, Scott & Tolley, Ltd , Nelson Street, St Peters, Adelaide, South Australia Australian Brandy Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort

Train & McIntyre 63, Pall Mall, London S W 1 Old Angus Scotch Whisky Agents for whole of India and Pakistan Phipson & Co Ltd 6, Apollo Street, Fort

United Distillers Pty Ltd , Byrne Street, South Melbourne Whisky & Gin Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street Fort

Veuve Clicquot, Ponsardin, France Champagne Agents for whole of India and Pakistan Phipson & Co , Ltd , 6, Apollo Street, Fort,

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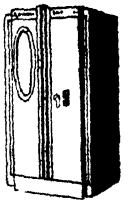

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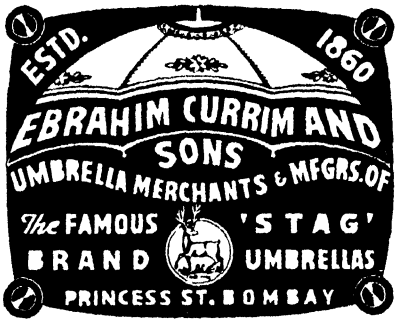

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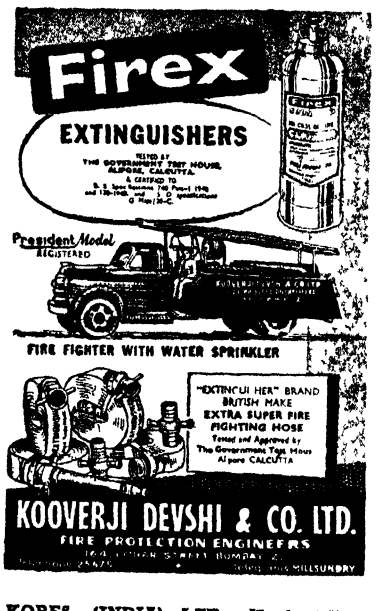

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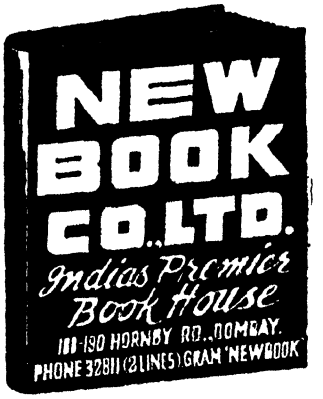

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Royal Carpet and Tapestry Emporium, Dina Building, 53, Queen's Road, opp Marine Lines Station

Royal Cycle and Motor Works, Jariwala Mansion, Hughes Road, Bombay Tel. Address. "Royoy" Phone No 43750.

ROYAL EXCHANGE ASSURANCE CORPORATION (Incorporated in England, A. D 1720 Liability of Members limited), Jehangir Wadia Building, 51, Mahatma Gandhi Road, Post Box No 891, Bombay No 1. Phone No 31083 Telegraphic Address "Foxhound," Bombay *Manager* K C Carley

ROYAL INSURANCE CO, LTD (Incorporated in England, Stockholders' Liability Limited), 12, Jamshedji Tata Road, Bombay Tel Address "Royal" Phone No 27071 (3 lines) P O Box 1847 *Secretary* —H Mercer



Phone No 22891

Royal Metal Works, Manufacturers of Furniture Fittings, 122, Old Nagpada Road, Bombay 3

Royal Paper Stores, Importers and Stockists of Paper, Boards, etc, 187 89, Abdul Rehman Street, Bombay 3

Royal Tiles Co, Importers and Dealers of Sanitarywares, Tiles, Marbles, etc, 25, Bank Street, Fort

Royal Tube Corporation, Pipe Fittings, Sanitary, Mill Gin Stores & Hardware Merchants, 94, Nagdevi Street, Bombay 3

Rubako Industries Manufacturers of Plastic Industrial, Utility and Presentation Articles, and Tooth Brushes Behramji Mansion, Sir Phirozshah Mehta Road, Fort Phone No 34455 Tel Address "Onset"

Ruby Engineering Corporation Ball-bearings and Mill Gin Stores Suppliers, 112/124, Nagdevi Street, Bombay 3

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Authorised Capital	Rs	1 00,00,000
Subscribed	,,	,, 1,00,00,000
Paid-up	,,	,, 32,00,000

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Ruby Trading Co, Sambava Chambers, Sir Phirozshah Mehta Road, Fort.

Ruia Automobiles, Dealers in Motor Cars, Trucks, Jeeps, Trailers, etc Wadia Building, 17 19, Dalal Street, Fort

Ruiya Chemical Industries, Manufacturers of Tinctures, Injections and Tablets Subash Road, Bombay 24

Rupani & Co, Lentin Chambers, Dalal Street, Fort

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Rustomji N Mehta & Co, Chartered Accountants Partners Rustomji N Mehta, Chartered Accountant, and Pallonji N Mehta, Chartered Accountant 87, Hamam Street, Fort, Bombay Phone No 34920 Tel Address 'Hiramehta," Bombay

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S M Shah & Co, Chemicals & Mill Gin Stores Suppliers 16 (2), Shankarbari Lane, Chira Bazar, Bombay

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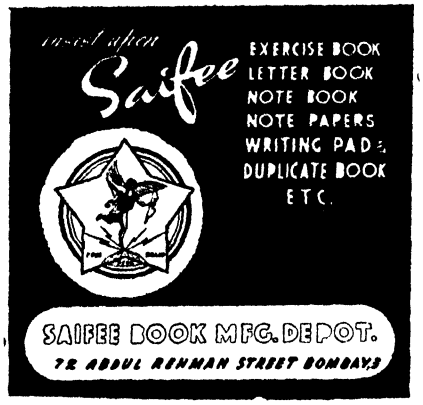

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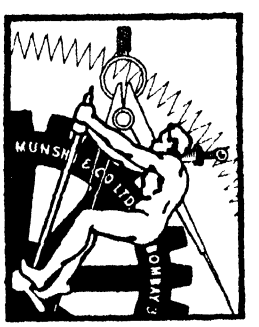

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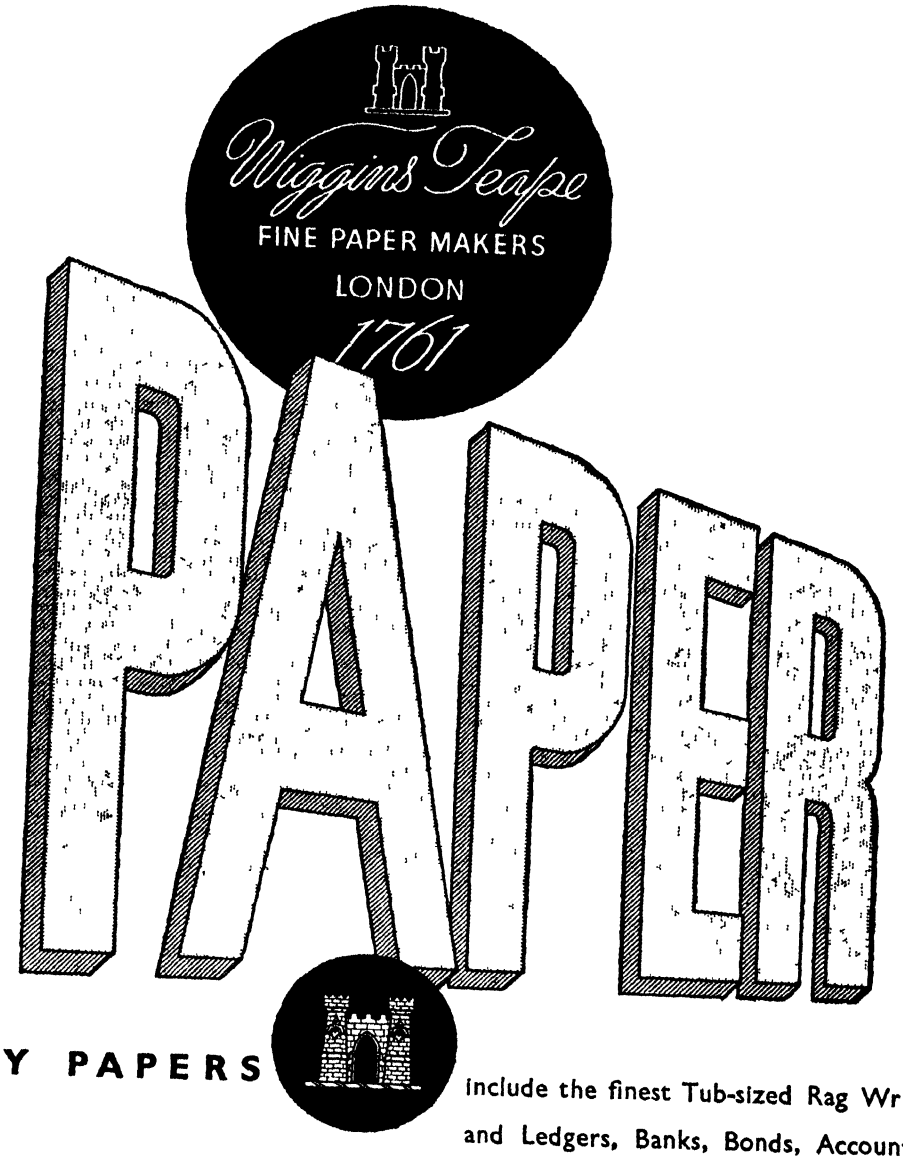

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Asok Brothers Ltd —Mubarak Manzil, Apollo Street, Fort
Atherton, G & Co Ltd —28, Apollo Street, Fort
Atmaram Bros —340, Girgaum Road
Babcock & Wilcox, Ltd —Bombay Mutual Annexe, Gunbow Street, Fort
Baboobhai Virchand & Co —272, Narsi Natha Street
Badat Ltd —105, Sir Vithaldas Chambers, 16, Apollo Street, Fort
Bajaj Brothers Ltd —Round Building, Kalbadevi Road
Baker & Co —Oomrigar Building opp Crawford Market
Bakubhai Ambalal & Co —National Insurance Building, 27, Bastion Road, Fort
Balmer Lawrie & Co , Ltd —5, Graham Road, Ballard Estate, Fort
Balsara & Co —41 45, Medows Street, Fort
Barla, J E , & Co —Albert Building, Hornby Road, Fort
Bashir, S M , & Bros —Bachooali House, Haji Bachooali Road
Batliboi, C J , & Co —319, Hornby Road, Fort
Beardsell, W A , & Co , Ltd —15 16, Sir Phirozshah Mehta Road, Fort
Begbie, Phillips & Hayley, Ltd —Behramji Mansion, Sir Phirozshah Mehta Road, Fort
Bell & Co , Ltd —6, Sir Phirozshah Mehta Road Fort
Bell, Russ & Co —Albert Building, Hornby Road, Fort
Bhagwandas Chatrabhuj & Co —20, Hamam Street, Fort
Bhagwandas Muljee & Co —226 70, Dongri Street
Bhawoo Kasinath & Co —63, Bhandari Street, near Null Bazar
Bhiwandiwalla, H M D H , & Co —538 Chira Bazar
Birla Bros Ltd —Imperial Bank Annexe, Bank Street Fort
Blackwoods India Ltd —Podar Chambers Parsi Bazar Street Fort
Blascheck, H , & Co —Dadyseth House, opp Hongkong Bank Fort
Bombay Ammonia Refrigerating Stores & Packing Co —New Kaiser I Hind Press, Bazar Gate Street Fort
Bombay Burma Trading Corporation, Ltd —9, Wallace Street, Fort
Bombay Cloth Market Co , Ltd —13, Princess Street
Bombay Co , Ltd —9, Wallace Street, Fort
Bombay Garage Ltd —Bandstand, Chowpatty
Bombay Gas Co , Ltd —214 Hornby Road Fort
Bombay Import & Export Agency —Cama House, opp Lloyds Bank, Hornby Road, Fort
Bombay Machine Store Co , The —Laxmi Building 43, Nagdevi Cross Lane, Bombay 3
Bombay Swadeshi Co-operative Stores Co , Ltd —Western India House, Sir Phirozshah Mehta Road, Fort,
Boustred s Agency —Kismet, Chandaramji Estate, Colaba
Brady, W H , & Co , Ltd —Churchgate Street, Fort
Breul & Co —Taj Building, Hornby Road, Fort
Brigg Bros & Co —Graham Building, Parsee Bazar Street, Fort
Brough & Philpott (India), Ltd —Kaiser I Hind Building, Currimbhoy Road, Ballard Estate
Budhabhoy Noorbhoy & Co —199, Abdul Rehman Street
Byramji, T , & Co —Central Bank Building, Mahatma Gandhi Road, Fort

C MEHTA & CO —Tankshali Bhuvan, 1st Floor, 191, Kalbadevi Road, Bombay 2 Phone 28891 Grams "CIMEHCO"

Callender s Cable & Construction Co , Ltd —Esplanade House, Wandby Road
Cambatta, Shiavax C , & Co , Ltd —42 Queen s Road, Bombay 1
Candy Filters (India), Ltd —Forbes Building Home Street, Fort
Carr & Co , Ltd —Imperial Chambers, Wilson Road Ballard Estate
Casabiancas High Draft Co , Ltd , The Indian —Maneckji Wadia Building, 121, Mahatma Gandhi Road
Cawnpore Mills Depot —Churchgate Street, Fort
Central Agency Ltd , The —81, Paltan Road Fort
Chadha, B M , & Co , Ltd —Jan Mansion, Sir Phirozshah Mehta Road, Fort
Chandrashekar & Sons —Sri Ram Building, 195, Dr Cowasji Hormusji Street, Bombay 2
Chandulal Narandas —96, Kika Street Bombay 4
Chikhal, M B —20, Hamam Street, Fort, P O Box No 913, Bombay
Chimanlal Desai & Co —Gool Mansion, Homji Street, Fort
Choksi, H , & Co —106, Medows Street, Fort
Chunilal Mehta & Co , Ltd —Yusuf Building, 43, Mahatma Gandhi Road, Fort
Chunilal Mulchand & Co —Waterloo Mansions, Mayo Road, Fort
Collinson & Co , Ltd —Standard Building Hornby Road, Fort
Commercial Co , The —8, C P Tank Road
Commercial Finances Ltd —Great Social Building, Sir Phirozshah Mehta Road Fort
Conjap Dyestuffs Corporation —341, Vadgadi Samuel Street
Consolidated Pneumatic Tool Co , Ltd —Hamilton House, Graham Road, Ballard Estate
Cook & Sons, Thomas Ltd —Cook s Building, Hornby Road
Corn Products Co (India), Ltd —Shree Nivas House Wandby Road
Cosmo Trading Corporation —156, Sheikh Memon Street, Bombay 2
Cowasji Dinshaw & Bros —121, Medows Street, Fort
Cox, H S , & Co —24, Rampart Row, Fort
Cox & Kings (Agents), Ltd —Lloyds Bank Building Hornby Road
C P Doshi & Co —Bombay Mutual Building, Hornby Road, Fort
Crittal Manufacturing Co (India) Ltd —Hamilton House, Graham Road Ballard Estate
Currim, E A , Ltd —97, Apollo Street, Fort
Currimbhoy Jaffer Sajan & Co —'Brightlands', Lansdowne Road, Apollo Bunder Fort Phone 35048 Grams 'SICREI'
Dadajee Dhackjee & Co , Ltd —Shree Pant Bhuvan, Sandhurst Bridge
Darashaw & Co —Central Bank Building, Mahatma Gandhi Road
Daroowala Bros —2 Noble Building, Parsi Bazar Street, Fort
Das & Co —25 Dalal Street, Fort
Deeth, W H , & Co —P O Box No 320, Bombay
Denis Malcolm & Co , Ltd —Guzdar House, 267, Hornby Road, Fort
Devidas Mulji Kapadia —Yusuf Building, Hornby Road Fort
Dhanpatmal Jawaladas —Court House, Carnac Road, Dhobi Talao
Dharamsi Morarji & Co —Taswalla Building, Mahajan Association, Javeri Bazar
Diamond Electric Company —18, Hamam Street, Fort
Dilaj & Co —20, Hamam Street, Fort
Dinsha, N , & Co —C/o The Bharat Tiles Ltd , 20, Apollo Street, Fort
Doctor C , & Co —Raja Bahadur Bansilal Motilal Building, 11, Bruce Street, Fort

Dodge & Seymour (India) Ltd —Laxmi Building, Ballard Road, Ballard Estate
Dorabji, C , & Co —22-D, Parsi Bazar Street Fort
Dorsett, G C , & Co —Brabourne Stadium, Churchgate Street
Drennan & Co —Neville House Currimbhoy Road, Ballard Estate
Drewet Chowna & Co —" Lentin Chambers ", Medows Street, Fort.
D R Mehta & Sons —Tehmi Manor, 808, Vincent Road, Dadar
Duncan Stratton & Co —5, Bank Street, Fort
Dwarkadas & Sons, Ltd —Mehta House, 89, Apollo Street, Fort
Dwarkadas Khetan & Co —139, Medows Street, Fort
Eastern Electric & Engineering Co —127, Mahatma Gandhi Road, Fort
Engineer, S D , & Co —Imperial Chambers, 32, Wilson Road, Ballard Estate
Evans, Fraser & Co —The Fort House, Hornby Road, Fort
Excelsior Drapers Ltd —Neptune Building, 170, Hornby Road, Fort
Express Corporation —Co-operative Insurance Co Building, Sir Phirozshah Mehta Road, Fort
Finlay, James, & Co , Ltd —Mahatma Gandhi Road, Fort
Foster, H J , & Co Ltd —Worli, Bombay 18
Framjee & Son —Nanjee Building, Elphinstone Circle, Fort
Francis Klein & Co (Bombay) Ltd —Shale Building, Bank Street, Fort, Post Box No 777, Bombay
Frank Rose & Co — Kalam Kutir, 211 219 Frere Road, Fort, Bombay 1 Telephone 33728 Tel Add. DINASIK '
Fruit Farm Products Company —Byramji Mansions, Sir Phirozshah Mehta Road, Fort
Gamadia Factories, Ltd —Behramji Mansion, Sir Phirozshah Mehta Road, Fort
Gammon, J C , Ltd —Hamilton House, Graham Road, Ballard Estate
Gandhi Sons, Ltd —232, Samuel Street, Vadgadi
Gannon Dunkerley & Co Ltd —Chartered Bank Building, Mahatma Gandhi Road
General Commercial and Industrial Co —Vishram Bhuvan, 1st Floor, 41, Kolbhat Street, Bombay 2
GENERAL ELECTRIC CO OF INDIA LTD , THE —"Magnet House", Dougall Road, Ballard Estate
George Spencer Moulton & Co (India), Ltd —Cox Building, Hornby Road
Gestetner, D (India), Ltd —Construction House, Wittet Road, Ballard Estate
Gill & Co —E D Sassoon Building, Dougall Road, Ballard Estate
Gillanders Arbuthnot & Co Ltd —Elphinstone Building, Vir Nariman Road, Fort
GIRDHARLAL & CO.—Imperial Chambers, Ballard Estate, Fort Commission Agents, handling, selling & buying of any sorts of commodities on commission basis at Bombay and in India Phone : 30101
Glenfield & Kennedy, Ltd —9, Wallace Street, Fort
Globe Radio & Sound Corporation —Sheriff Devji Street, Bombay 3
Globe Stores Co , The —Sitaram Building, near Crawford Market, Hornby Road
Gobhai, B R , & Co —General Assurance Building, Hornby Road, Fort
Goculdas, M P , & Co —23, Yusuf Building, Churchgate Street
Godambe Bros —Buona Casa, Sir Phirozshah Mehta Road, Fort
Govindjee Madhowjee & Co , Ltd —16 Apollo Street, Fort
Grahams Trading Co , Ltd —16, Bank Street, Fort
Grand Bazar —25, Colaba Causeway, Bombay 1
Great Eastern Trading Co —107, Cawasji Patel Street, Fort
Great Western Stores —Standard Building, Hornby Road
Greaves Cotton & Co , Ltd —1, Forbes Street, Fort
GUEST, KEEN, WILLIAMS, LTD —" Das Chambers, " Dalal Street, Fort, Post Box No 575, Bombay 1
Gulabchand Nathalal & Co —New Bardan Lane, Khand Bazar, Bombay 3
Gulamhusain Esmail Surtee & Sons —99 A, Abdul Rehman Street
Gulam Rasul Allahbux —1 B, Bachoo Ali House No 1, Nowroji Hill Road
Haji Ebrahim Bushari & Co —7, Jail Road, Dongri
Haji Ebrahim Essak —91, Sheriff Dewji Street, Bombay 3
Haneef, S M , & Co —Bachooali House, Hirjee Bachooali Road, Bombay 9
Hansraj Hariram & Co —Kazalbhoy Building, opp Flora Fountain, Fort
Hardcastle, Waud & Co , Ltd —Alice Building, Hornby Road, Fort
Harilal Manilal & Co —346, Kalbadevi Road, Bombay 2
Hazarat & Co —People s Building, Sir Phirozshah Mehta Road, Fort
Hazex —337, Kalbadevi Road
Heatly & Gresham, Ltd —9, Forbes Street, Fort
Heman & Co —Ramchandra Building, Carnac Road
Hemraj, M —34, Nishanpada Road, Bombay 9
Herbertsons, Ltd —11 13, Elphinstone Circle, Fort
Herman & Mohatta, B R , Ltd —People's Building, Sir Phirozshah Mehta Road, Fort
Hind Africa Agency —413C, Vasant Wadi, Kalbadevi Road
Hindustan Vanaspati Manufacturing Co , Ltd —Scindia House Ballard Estate
Holland-Bombay Trading Co , Ltd —E D Sassoon Building, Dougall Road, Ballard Estate
Honey Day —Alice Building, Hornby Road, Fort.
Hoosein, M. A , & Bros —Lakshmi Buildings, Sir Phirozshah Mehta Road, Fort.
Hormusji & Sons —Arvind House, New Charni Road
Hukamchand Chanderbhan —Anand Nivas, Mangalwadi, Girgaum Road
Husein Abdulkarim Panju —138/40, Samuel Street, Khoja Mohalla
Husein Ebrahim —75, Mahomedalli Road
India Commercial Bureau —Alice Building, Hornby Road
Indian Express Co —Old Stock Exchange Building, Dalal Street, Fort
Indian Hume Pipe Co , Ltd —Construction House, Wittet Road, Ballard Estate
Indian States and Eastern Agency —35, Queen's Road
Indo African Exports —Round Building, Kalbadevi Road
Indo British Chemical Co —Raja Bahadur Mansion, Tamarind Lane, Fort
Indo Europa Trading Co —9, Dalal Street, Fort
Indo European Machinery Co —Sambava Chambers, Sir Phirozshah Mehta Road, Fort
Ingersoll Rand (India), Ltd —Devkaran Nanjee Building, 17-B, Elphinstone Circle, Fort
Inter Mission Business Office —240, Hornby Road, Fort
International Mercantile Corporation —Ghia Building, Princess Street, Bombay 2
International Trading Co —Manhar Building, Lohar Chawl
Jacks, William & Co , Ltd —Hamilton House, Graham Road, Ballard Estate, Fort.
Jani & Co —Vora Mansion, New Chinch Bunder
Jashwantlal Manekial & Co —40, Churchgate Street, Fort
Jassawalla, R M , & Co —105, Apollo House, Apollo Street, Fort
J A Thadani & Co —People's Building, Sir Phirozshah Mehta Road, Fort
Javeri Bros & Co —347-349, Abdul Rehman Street, opp Crawford Market
Jaysukhlal & Bros —82 86, Abdul Rehman Street, Bombay 3
Jeena & Co —Elphinstone Building, 10, Churchgate Street, Fort.
Jhaveri Brothers.—149, Shroff Bazar
Jivraj Tribhovan —418, Kalbadevi Road, Bombay 2
John Dickinson & Co , Ltd —Kumpta Street, Fort
John Fleming & Co Ltd —21, Bastion Road, Fort
John Roberts & Co , Ltd —93B, Queen's Road
Jonnson Phillips & Co (Eastern), Ltd —Bombay Mutual Annexe, Gunbow Street, Fort
Jones, J D , & Co (Bombay), Ltd —Rustom Building, Churchgate Street, Fort
JOST'S ENGINEERING CO , LTD —Great Social Building, Sir Phirozshah Mehta Road, Fort, Bombay 1.
Kame Trading Co —Shirin Manzil, 59, Abdul Rehman Street
Kanji Cursondas & Co —Bachubai Building, 187, Hornby Road, Fort
Karmog Brothers Ltd —Bombay Mutual Building, Sir Phirozeshah Mehta Road, Fort
Karsandas R Asher —G P O Box No 1936, Fort, Bombay 1
Karunashankar Anandji & Co —293, Samuel Street, Vadgadi
Kavarana, E F , & Co —Botawala Building, 56, Bomanji Master Road, opp P O Kalbadevi
Kay Co , Ltd —Dharam Kanta Building, Mumbadevi Road
Kaycee & Co , Ltd —Kamani Chambers, Nicol Road, Ballard Estate
Kewalram Chellaram —Gandhi Mansion New Silk Bazar, Bombay 2
Ketkar Bros.—" D," Rustom Mahal, Khodadad Circle, Dadar
Keymer, D J , & Co , Ltd —6, Ballard Road, Ballard Estate
Kilachand Devchand & Co , Ltd —45-47, Apollo Street, Fort
Killick Industries Ltd —Post Box No 109, Home Street, Fort
Killick, Nixon & Co —Killick Building, Home Street, Fort
Kishinchand Chellaram —Guzdar House, Dhobi Talao
Klimt & Lion Ltd —Western India House, 7, Sir Phirozshah Mehta Road, Fort
Kodak Ltd —Kodak House, Hornby Road, Fort
Kooverjee V Curumsey & Co —Lentin Chambers, Dalal Street, Fort.
Kros & Co —Podar Chambers, Parsi Bazar Street, Fort
Kulkarni & Co —Navsari Building, 2nd Floor, Hornby Road, Fort
Kumud Trading Co —Sayoo Building, Khattali Lane, Thakurdwar, Girgaum
Kumudchandra & Co —Examiner Press Building, Dalal Street, Fort.
Kurwa & Kajiji —142-44, Abdul Rehman Street
Lakshmana Pillai & Sons, S —Dharamsee Building, 587, Girgaum Road, Bombay 2
Lalji Dayal —Near Gopal Lane, Mulji Jetha Market, Bombay 2
Lalubhai Jhaveri Gulabchand —149, Shroff Bazar
Lalvani Brothers —210, Hornby Road, Fort
Laws, Wm , & Co —Sorab Mansion, 35, Murzban Road, Fort
LESLIE, E , & CO —Botawalla Building, 7-10, Horniman Circle, Fort Shipping, Clearing, Forwarding & Passenger Agents Phone 22500
Lewis & Jones —Bank of Baroda Building, Apollo Street, Fort
Lewis & Tylor, Ltd —Sorab House, 237, Hornby Road, Fort
Lipton, Ltd —Ilaco House, Sir Phirozshah Mehta Road, Fort

London, Eastern & American Trading Co —22, Hamam Street, Fort
Longmans, Green & Co, Ltd —Indian Mercantile Chambers, Nicol Road, Ballard Estate
Loucatos, G, & Co —Menkwa Building, Outram Road, Fort
Louis Dreyfus & Co —82, Nicol Road Ballard Estate
Macfarlane, Bell & Co, Ltd —Sambava Chambers, Sir Phirozshah Mehta Road, Fort
Mackinnon, Mackenzie & Co —Ballard Road, Ballard Estate
Madhavlal & Co, Ltd —Alice Building Hornby Road, Fort
Mafatlal Gagalbhai & Co, Ltd —Rustom Building, 29, Vir Nariman Street, Fort
Maganlal Praulal & Sons —105, Nagdevi Street, West
Majid & Co —Karim Building, 56, Mahomedali Road
Malcolm & Co —263, Hornby Road, Fort
Malgham Bros —26, Old Custom House Road, Fort
Manseta, N, & Bros —165, Lohar Chawl
Mansukhlal Kantilal & Co —185, Mulji Jetha Building, Princess Street
Manufacturers' Eastern Agency —105, Apollo Street, Fort
Marby Sons & Co — R' 3, Nowroz Baug, Tal Baug Bombay 12
Marshall Sons & Co (India), Ltd —Marshall s Building, Ballard Road
Matani Bros —84, Mahomedali Road, Bombay 3
Mathuradas V Kothare & Co —Readymoney Mansion, Churchgate Street
Mavji F D —11, Elphinstone Circle, Fort
Maya-shankar Thacker & Co —47, Apollo Street, Fort
McKenzies Ltd —Sewri
Mehta & Co —46, Cawasji Patel Street, Fort
Mehta H M, & Co —Mehta House, Apollo Street, Fort
Metro Motors —The Motor House, Hughes Road
Milford Bros —7 11, Elphinstone Circle Fort
Millars Timber & Trading Co, Ltd —Victoria House, Victoria Road, Mazagaon
Minerva Trading Agency —58, Forbes Street, Fort
Mooljee Jaitha & Co —185, Princess Street
Morison, J L, Son & Jones (India), Ltd —Post Box No 258, Universal Building, Sir Phirozshah Mehta Road, Fort
Mousell & Co, Ltd —Lotus House, Marine Lines Bombay 1
Muller & Phipps (India) Ltd —Queen s Mansions Bastion Road, Fort.
Mullick M A, & Co —91, Mahomedally Road P O Box No 3003 Bombay 3 Phone No 31835 Grams ZANJABIL
Muncherjee Byramjee & Co (Estd 1882) —Office & Factory Jerajbhoy Street, 100, Foras Road, near Municipal Workshop, Bombay 8
Munim, V I, & Co —17/19, Dalal Street, Fort
Munjee Nathoobhoy & Co —Amar Building, Sir Phirozshah Mehta Road, Fort
Nadirshaw Printer & Co —121 Mahatma Gandhi Road, Fort
Nanavati & Co, Ltd —16, Apollo Street, Fort
Nanji V Dossa & Co —Jan Mansion, Sir Phirozshah Mehta Road, Fort
Narandas Dwarkadas & Co —411, Cotton Exchange Building, Kalbadevi Road
Narandas G Bhatia —157, 5th Cavel Cross Lane, Gaiwadi
Narandas Rajaram & Co —Navsari Chambers, Outram Road
Narielwala, B P, & Sons —101, Apollo Street, Fort
Nariman Bros, H D —Nariman House, 269, Lohar Street West, Dhobi Talao
Narottamdas Karsondas & Co —Whiteaway Laidlaw Building, 278, Hornby Road, Fort
Narsingdas Dhelia —226, Kalbadevi Road, Bombay 2
National Hardware & Stores Supply Co —Post Box 3146, Bombay 3
Natwarlal & Co —361, Hornby Road, opp Bank of India, Fort
Nazir, B, & Co —120, Parsee Bazar Street, Fort
Nazir, R C, & Co —Mody Bay, Mangalore Street, Fort
Nelson Trading Corporation, Ltd —Richard Building, Elphinstone Circle
Nestle & Anglo Swiss Condensed Milk (Export) Co, Ltd —Kaiser-i-Hind Building, Currimbhoy Road, Ballard Estate

NOWROJEE ARDASEER & SONS —24-26, Dalal Street, Fort. Manufacturers' Representatives, Agents & Merchants for Foreign Liquors, Provisions and Dairy Products Sole Agents Gilbey's Wines and Spirits, Castillon Brandy, Golden Tree and Pilsner Urquell Beers, Daisy Olive Oil, etc

Nowrosjee Wadia & Sons Ltd —Neville House, Graham Road, Ballard Estate
Occidental Trading Co, Ltd —16, Apollo Street, Fort, P O Box 776, Bombay
Oliver, F P, & Co, Ltd —Jehangir Building, 133, Mahatma Gandhi Road, Fort

OOMERSEE KESOWJEE & CO. (Established 1875) —Post Box No. 1, Bombay. Head Office Camp Bazaar, Cannanore, South India Grams "BARTER", Bombay, "KANAIYA", Cannanore Importers, Exporters & General Merchants. Insurance & Shipping Agents.

ORMERODS (INDIA), LTD.—Bank of Baroda Building, Apollo Street, Fort, P O Box No 410, Bombay Phones 27077-78 (2 lines) Grams: "RAMSHEAD"

Osborn (India), Ltd., Samuel —Elphinstone Building, Vir Nariman Street, Fort.
Osler, F & C, Ltd —Swadeshi Mills Compound, New Queen's Road
Overseas Chemical & Trading Co —Jan Mansion, Sir Phirozshah Mehta Road, Fort
Patrasingh Batkishan —79, Khand Bazar Bombay 3
Pan Asiatic Overseas Co, Ltd —Bell Building, Sir Phirozshah Mehta Road, Fort
Panday, D L, & Co —46, Vir Nariman Street Fort
Pannalal Ramdayal Chindak —153, Princess Street, Bombay 2
Parson, H, Ltd —Asian Building, Nicol Road Ballard Estate
Parson & Pereira —Asian Building, Nicol Road, Ballard Estate
Patel Bros —10, Vir Nariman Street, Fort
Patell, P R, & Co, Ltd —Mherwan Building, Sir Phirozshah Mehta Road
Patrawali N P, & Co —Fort Chambers, Hamam Street, Fort
Patuck H S & Co —Nagree Building, 50 Custom House Road, Fort
Pavri, J K —10, Karim Chambers, Hamam Street, Fort
Pavri Sons & Co —95 97, Bazargate Street, Fort
Phillips & Co —Waterloo Mansions, Mayo Road, Fort
Phipson & Co, Ltd —6, Apollo Street, Fort
Pioneer Magnesia Works Ltd, The —Chartered Bank Building, Fort
Piver & Co —Mayekar Building, Lamington Road, Grant Road
Pohoomull Bros (India) —Romanji Master Road Bombay 2
Precious Electric Co —Yusuf Building, Churchgate Street, Fort
Premchand Roychand & Sons, Ltd —63, Apollo Street, Fort
Premchand Trading Ltd —7, Dhanji Street
Premji Haridas & Co —Argyle Road, Bombay 9
Printer Bros —Beaumon Chambers, Medows Street, Fort
Progressive Corporation, Ltd —Jehangir Wadia Building, 51, Mahatma Gandhi Road, Fort
Pyarelal Gupta & Co —207, Kalbadevi Road, Bombay 2
Railway & Marine Equipment Co —"Buona Casa," Sir Phirozshah Mehta Road
Ralli Bros, Ltd —21, Ravelin Street, Fort
Ramdas Khimji Bros —Warden House, Sir Phirozshah Mehta Road Fort
Ramkisandas Sagarmal —Kalyan Bhuvan, 354, Kalbadevi Road.
Rashid Bahram Aidun Bros —Aidun Building, Dhobi Talao
Ratilal Dahyabhai Shah —Hanuman Building, Tambakanta, Pydhownie
Ratilal, R, & Co —Merchants and Exporters of Indian Oilseeds and Grains, Teju Kaya Building, Chinchbunder Road
Reliance Trading Company —25-47, Lohar Street Bombay 2
Richardson & Cruddas —Byculla Iron Works, Byculla
Ritchie (India) Ltd —Queen s Mansions, Bastion Road, Fort
Roberts, McLean & Co, Ltd —Ilaco House, Sir Phirozshah Mehta Road, Fort
Rodocanachi & Co —17, Ravelin Street, Fort
Ronco, Ltd —Navsari Chambers, 39, Bastion Road, Fort
Rupani & Co —Lentin Chambers, Dalal Street, Fort
Saboowalla, Kamruddin Hakimji —Crawford Market, P O Box No 1146, Bombay
Sahny Commercial Co —Queen s Mansions, Bastion Road, Fort
Sankalchand G Shah & Co —Hanuman Building, Tambakanta Pydhownie
Sarabhai & Co —Western India House, Sir Phirozshah Mehta Road, Fort
Sassoon, E D, & Co, Ltd —E D Sassoon Building, Dougall Road, Ballard Estate
Sepulchre Prothers (India) Ltd —Taj Building, 210, Hornby Road
Sethy, M, & Co —29, Ismail Building, 351, Hornby Road, Fort
Settna, R Pheeroz & Co —79, Medows Street, Fort
Sewaram Girdharilal —354, Kalbadevi Road Bombay 2
Shah, J M, & Co —21, Swadeshi Market, Kalbadevi Road, Bombay 2
Shaikh & Co —94, Ali Umar Street, Bombay 3
Shalebhoy Tyebjee & Sons —Shale Building Bank Street, Fort
Shanks & Co, Ltd —Jeroo Building, next to Cornaglia, Mahatma Gandhi Road Fort
Shapurji & Co, R K —319, Hornby Road, P B 1065, Fort
Sharma & Sharma —247 D, Vithalbhai Patel Road, Bombay 4
Sharp, R, & Sons —Kaiser i Hind Building, Ballard Estate
Shaw, Wallace & Co Ltd —3, Wittet Road, Ballard Estate
Shroff Bros & Co —4, Botawalla Building, 7 9, Elphinstone Circle, Fort
Sindhi Clearing Agency —384, Dabholkar Wadi, Kalbadevi
Sizing Materials Co, Ltd —Jeroo Building, 137, Mahatma Gandhi Road, Fort
Soho House —Vithal Sayana Building, Lohar Street
Somnath Motiram —306, Kharek Bazar
Sorabji Hormusji & Co —22, Mangaldas Road, opp P O, Juma Masjid
Sorabji Kharas & Co —Fort Chambers, 65, Tamarind Lane, Fort
Sorabji Pestonji & Co —105, Apollo Street, Fort
Spence Ltd —Kennedy Bridge, Bombay 4
Spencer & Co, Ltd —Spencer's Building, Forjett Street, Bombay 26
Spinner, E, & Co —8, Tamarind Lane Fort
Star Trading Co —7-9, Sir Vithaldas Chambers, 16, Apollo Street, Fort
Stewarts & Lloyds of India, Ltd —Mubarak Manzil, Apollo Street, Fort.

Stone, J , & Co (India), Ltd —Yaffi Building, Goa Street, Ballard Estate
Stronach, L A , & Co (India), Ltd —Stronach House, Graham Road, Ballard Estate
Subedar s, S R , Sons —Beach Manor, 27, Cuffe Parade, Bombay 5
SUBODHCHANDRA POPATLAL (ESTD 1915) —Exporters & Importers, 223-25, Sheikh Memon Street, Bombay 2. Grams "NAYAN" Phones Office 30624 & 20645 Res 32220
Suntoomal Ravaldas & Co —Suntoomal Ravaldas Building, Narayan Dhuru Street
Suren, W T , & Co —United India Building, Sir Phirozshah Mehta Road, Fort
Symonds & Co —Eruchshah Building, 249, Hornby Road, Fort
Tarachand Pursram —Court House, Carnac Road
Tata Sons, Ltd —Bombay House, 24, Bruce Street, Fort
Textile Works Ltd —49 55, Apollo Street, Fort
Thackersey Mooljee & Co —Sir Vithaldas Chambers, Apollo Street, Fort
Thakore, T M , & Co —Readymoney Mansions 43, Vir Nariman Street
Thomas Koruia —Great Social Building, Sir Phirozshah Mehta Road, Fort
Todi & Company —Importers & Exporters, 41, Hamam Street, Fort, Bombay
Trading Co , Tate Hegt & Co , Ltd —Indu House, Dougall Road, Ballard Estate
Trivedi & Co —Navsari Chambers Hornby Road, Fort
Turner Hoare & Co , Ltd —Gateway Building, Apollo Bunder
Turner Morrison & Co , Ltd —16, Bank Street, Fort
United Import Co , The —67-69, Mahomedally Road
United Industrial Equipment Co —21, Western India House, Sir Phirozshah Mehta Road, Fort
United Steel Companies (India), Ltd , The —Himalaya House, Junction of Hornby Road and Paltan Road, Bombay 1
United Traders, Ltd —Scindia House, Ballard Estate
Utoomal & Assudamal Co —Bombay Mutual Annexe, Gunbow Street, Fort
Valiram Sons —Patel Building Bomanji Master Road, Kalbadevi
Vandrewalla & Dordi —Old Share Bazar Building, Apollo Street, Fort
Vanmali Bhikha & Co —Devkaran Mansion, Princess Street
Vasanji Khatau & Co —Dena Bank Building, 17, Elphinstone Circle, Fort
Vasanji Mavji & Co —27 Chinch Bunder Road
Vasantlal Vadilal & Co —215 17, Samuel Street, Vadiadi
Vasi Bros & Co —Topiwalla Mansion, Mohomedalli Road
Vasunia J P , & Co —Mistry Building, 56, Bomanji Master Road, opp P O , Kalbadevi
Vaziralli Ltd —Prospect Chambers, Hornby Road, Fort
Versatile Traders Ltd —Behramji Mansion, Sir Phirozshah Mehta Road, Fort
Vikram Padamsey & Co —Rustom Building, 29, Vir Nariman Street, Fort
Vissanji Sons & Co —9, Wallace Street, Fort
Vulcan Trading Co , Ltd —Indian Mercantile Chambers, Nicol Road, Ballard Estate
Wadhwaney Bros (India) —Hornby Buildings, 172/74, Hornby Road, Fort
Wallace & Co —9, Wallace Street, Fort
Wassiamull Assomull & Co — 'D ', Wassiamull Buildings, Grant Road
Wheeler, A H , & Co —Eruchshah Building, 249, Hornby Road, Fort
William, Jacks & Co , Ltd —Hamilton House, Graham Road, Ballard Estate
Worthington Simpson Ltd —Mubarak Manzil, Apollo Street, Fort
Wota (India) Ltd —Cox Building, Hornby Road
Wyne & Co —56 Mohammedali Road, Bombay No 3
Yacoob Ahmed Brothers —Topiwalla Mansion, 128 134, Mahomedally Road
Yaffi, G Ab —Churchgate House, Vir Nariman Street, Fort
Young India Agencies (Bombay) Ltd —53/55, Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Yusuf Dada Chunawalla (Dabawalla) & Co —34, Bapu Khote Street, Jambli Mohalla

AGENTS, INSURANCE

Alliance Assurance Co , Ltd —Fort Chambers, 65, Tamarind Lane, Corner of Dean Lane, Fort (Motor & Fire)
Arvind & Co —Bombay Mutual Building, Sir Phirozshah Mehta Road Fort Bombay
Arvinda Trading Co , Ltd —105, Apollo Street, Fort
Balmer Lawrie & Co , Ltd —5 Graham Road, Ballard Estate, Fort
Bhiwandiwalla, H M D H , & Co —583, Chira Bazar
Blackwoods India Ltd —Podar Chambers, Parsi Bazar Street, Fort
Brady, W H , & Co Ltd —Vir Nariman Street, Fort
Bruno Braganza —Irani Terrace, Gokhale Road (North), Dadar
CHANDULAL T SHAH, J P —Chief Agent for Bombay State The Crown Life Insurance Co (of Canada), Fazalbhoy Building, Flora Fountain, Fort, Bombay Phone Office 27041 Residence 86308
Chellsons Ltd —Gazdar House, 4th Floor, Dhobi Talao, Bombay 2
Chinubhai Kalidass & Bros —20, Hamam Street, Fort
Churia Brothers —Janmabhoomi Bhuvan, 11 12, Goga Street Fort
DEGAM, R C —Najoo Mansion, Nawab Tank Bridge, Mazagaon, Bombay 10 Representative —Oriental Govt Security Life Assurance Co , Ltd
Fakirchand Keshrichand Shroff —Advani Chambers, Sir Phirozshah Mehta Road
Fleming Shaw & Co , Ltd —Sorab House, 235, Hornby Road, Fort
Gandhi & Co —Jan Mansion, Sir Phirozshah Mehta Road, Fort
General Radio & Appliances Ltd —Opera House Bombay 4 Phone 30201 Grams FAVCO
Gillanders Arbuthnot & Co , Ltd Elphinstone Building, Vir Nariman Street, Fort
Goklaldas & Sons —11 13, Mint Road opp G P O Bombay 1
Govindjee Madhowjee & Co , Ltd —Sir Vithaldas Chambers, 16, Apollo Street, Fort
Hardcastle Waud & Co , Ltd —Alice Buildings, Hornby Road, Fort
Jagmohandas Bhagwandas Bodi & Co Yusuf Building, 49, Vir Nariman Street Bombay 1
Jeena & Co —10, Vir Nariman Street, Fort
KHIMJI M BHUJPURIA & CO (Estd 1928) —25, Keshavji Naik Road, Bhat Bazar, Bombay 9 Phones 70148 and 60750
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Kooverjee V Cummoney & Co —Fontin Chambers Dalal Street Fort
Kulkarni & Company, Navsari Building 2nd floor, Hornby Road, Fort Bombay
Lee & Muirhead (India) Ltd —12, Rampart Row, Fort
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Mahendra & Co 46 Vir Nariman Street Fort
Mazumdar & Co —Opp Krishna Cinema, Tribhuvan Road, Bombay 4
Mohan Sons & Co 125, Mahatma Gandhi Road Fort Bombay 1
Motishaw, R K —Bansilal Motilal Mansion, Hamam Street Fort
Nanji V Dossa & Co —Jan Mansion, Sir Phirozshah Mehta Road, Fort
OOMERSEE KESOWJEE & CO (Estd 1875) —Post Box No 1, Bombay Head Office Camp Bazaar, Cannanore, South India Grams "BARTER," Bombay, "KANAIYA," Cannanore
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Pochaji & Co A B —113, Mahatma Gandhi Road Fort
Purshotamdas Ishwardas & Co —Co operative Insurance Building, Sir Phirozshah Mehta Road, Fort
Raghavji Kanji & Co —Alli Chambers, Tamarind Lane, Fort
Sarabhai & Sons —Prospect Chambers, 321, Hornby Road, Fort
S C Jariwala —Room No 44, 4th Floor, Kumarvillas, Mangalwadi, Girgaum, Bombay 4
Sharma & Sharma —247 D, Vithalbhai Patel Road, Bombay 4
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Diarvi Trading Co —64, Old Custom House Road, Fort
Drewet Chowna & Co , Fontin Chambers, Medows Street, Fort, Bombay
Jayems Engineering Co —Warden House, Sir Phirozeshah Mehta Road, Fort
Lachmandas Ramchand —98, Nagdevi Cross Lane, Bombay 3
National Hardware & Stores Supply Co —Post Box 3146, Bombay 3
National Scientific Instruments Co —257, Frere Road, Fort, Bombay 1
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Asian Trading Corporation —P O Box No 1505, 20, Mangesh Street, Bombay

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Das & Company —Das Chambers, Dalal Street Fort
Deccan Machinery & Mill Stores Co —7-, Tamarind Lane Fort Phone 26488
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Kilachand & Co , Ltd —15, Bastion Road, Fort
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P Rai & Company,—105, Apollo Street, Fort
Paramount Industrial Stores —15, Ropewalk Street, near Forbes Street, Bombay 1
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Refrigeration & Appliances Co , Ltd —Universal Insurance Building, Sir Phirozshah Mehta Road, Fort
Vasant Industrial & Engineering Works — ' Vasant Vijay ", 470 471, Worli Road, Bombay 18
Vibgyor Trading Company —Lotus House, Hornby Road (next to Evans Fraser) Fort
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Associated Agencies (Bombay) —47, Podar Chambers, Parsi Bazar Street Fort
Mineral Ores and Industrial Corporation —7 10, Botawala Building, Elphinstone Circle, Fort
Motor Color Co —33 Nagdevi Street, Bombay 3

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Amritlal Girdharlal & Co —71 Kansara Chawl, Bombay 2
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Doshi Bros (Bombay) —204, Hornby Road
Dun Aluminium Factory —225 229 Tardeo Road
English Aluminium Mart — 63 65, Kansara Chawl, Kalbadevi Road, Bombay 3
Indian Standard Metal Co , Ltd —Chinchpokli Cross Lane, Bombay No 27
Jeewanlal (1929), Limited —Liberty Building, Marine Lines, P O Box No 562, Bombay 1
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Architectural Studio —Prospect Chambers Annexe, Hornby Road, Fort
Bhedwar & Bhedwar —Cook's Building, Hornby Road, Fort
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C N LALA and K C LALA —Cama House, 9, Ash Lane, Medows Street, Fort, Bombay
Craftsman Electronic Corporation Ltd — Navsari Building, 240, Hornby Road, Fort and Sethna Hall, Nesbit Road, Mazagaon, Bombay 10 Suppliers of Instruments for
Dalal & Mehta —41, Medows Street, Fort
Darukhanawalla, J M , B Sc (Edin) —Prospect Chambers, 317-21, Hornby Road, Fort
Desai and Kirtikar -Laxmi Bldg , Sir Phirozshah Mehta Road, Fort, Bombay Tel No 30188
Dhondy, K A , & Co —Yusuf Building, 49, Churchgate Street, Fort
Dhunjishaw Bhedwar & Co —Behramji Mansion, Sir Phirozshah Mehta Road, Fort
Ditchburn & Mistri & Bhedwar —49 51, Jehangir Wadia Building, Mahatma Gandhi Road, Fort
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Engineering Survey Corporation —Industrial Assurance Building, Churchgate Reclamation
Estates Valuation & Engineering Co — 20, Old Custom House Road, Fort
Gannon, Dunkerley & Co , Ltd —Chartered Bank Building, Mahatma Gandhi Road, Fort
Gilbert Lodge & Co —Elphinstone Building, Veer Nariman Street, Fort
Gregson, Batley & King —Chartered Bank Building, Mahatma Gandhi Road Fort
Havaldar, K G , & Co —Kamer Building, 106, Cowasji Patel Street, Fort
Hormasji Ardeshir, F I I A , M I E (Ind), L C E —22 D, Parsi Bazar Street, Fort
Iyengar & Co —Co operative Insurance Building, Sir Phirozshah Mehta Road, Fort
JAMNADAS & BHIDE —Architects, Engineers & Surveyors, 134, Medows Street, Fort
Kapadia & Baria —Ballard House, Jam e-Jamshed Office, Mangalore Street, Fort
Karandikar & Co —Cama Building, 24 28, Dalal Street, Fort
Karim Noorani & Co —Mustafa Bldg , Sir Phirozshah Mehta Road, Fort
Kora & Bhatt —22, Apollo Street, Fort
Master, Sathe & Bhuta —34-38, Hummum Street
Merwanjee Bana & Co —Cama House, No 24, Dalal Street, Fort
Metcalfe & Hodgkinson —Mackinnon Mackenzie's Building, Ballard Road
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MODI & CO , V M —Jan Mansion, Sir Phirozshah Mehta Road, Fort, Bombay
Motilal & Co —2 4, Apollo Street, Fort
Mulvaney & Co , John L —Bombay Mutual Building, Hornby Road, Fort
Nemchand C Kuvadia, B E , A M I E —People's Building, Top Floor, Sir Phirozshah Mehta Road, Fort, Bombay
NADKARNI & CO —Ash Lane, Fort, Bombay 1. Architects, Engineers and Surveyors Phone 22764
Pandit Bros —Shivlal Motilal Mansion, Hamam Street, Fort
Parelkar & Dallas —Chartered Architects, Medows House, Medows Street, Fort
Pastakia & Billimoria —42, Lakshmi Building, Sir Phirozshah Mehta Road, Fort
PATKI & DADARKAR —Chartered Architects, 19, Sir Phirozshah Mehta Road, Fort.
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Shapoorjee N Chandabhoy & Co—Advani Chambers, Sir Phirozshah Mehta Road, Fort.
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Excellent Engineering Co — 11, Botawalla Building, Elphinstone Circle Fort
Great Western Engineering Works — Sea View, ' 1st Pasta Lane, Colaba, Bombay 5
Mehta Nanavati & Co —Barbhai Moholla, 96, Narayan Dhuru Street, Bombay 3

NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146, Bombay 3 Phone 33462 Grams "REQUISITES"

P L BHATT & CO —5, Bharat House, 104, Apollo Street, Fort, Bombay Phone 34454 Cable "DIGNIFIED"

P RATILAL & CO —43, Dhanji Street, Bombay 3
Todi & Co —Importers & Exporters, 41, Hamam Street Fort Grams Offer ' Phone 28623

BELTING (TEXTILE) MANUFACTURERS AND SUPPLIERS

Abdeally, B M , & Co —127, Sarang Street, Bombay 3
Altex Limited —147, Esplanade Road, Fort
Anand Brothers —1, Beaumon Chambers, Medows Street, Fort
Arvinda Trading Co —105, Apollo Street, Fort
Ashok Engineering Co — 24, Noble Chambers, Parsi Bazar Street, Fort
Associated Machine & Tool Co —130, Medows Street, Fort
Balmer Lawrie & Co , Ltd —5, Graham Road, Ballard Estate
Belting & Leather Products Association (Div of Graton & Knight Co) —8, Motlibai Street, Jacob Circle
Bharat Electric & Engineering Corporation —28, Apollo Street, Fort
Bhogilal & Company, R —261/263, Hornby Road, Fort
Bhatt Brothers —165, Nagdevi Cross Lane, Bombay 3
Birkmyre Brothers —12, Rampart Row, Fort
Bombay Mill Store Supply Co , Ltd —Western India House, Sir Phirozshah Mehta Road, Fort
Bottomley, A C , & Co —Wavell House, Graham Road, Ballard Estate
Bradv, W H , & Co , Ltd —Royal Insurance Building, Vir Nariman Street, Fort
Card Clothing & Belting Ltd —J K Building, Graham Road, Ballard Estate, Fort
Chemantex —11, Bank Street, Fort
C Patel & Co —70, Podar Chambers, Fort
Din Products Ltd —219, Frere Road, opp G P O , Fort

DIWAN BROS —51, Nagdevi Street, Bombay 3.

EDGAR HANDLEY & CO , LTD —135, Medows Street, Fort, Bombay Phones 22934 & 26884 Grams "TROJAN"

Gannon Dunkerley & Co , Ltd —Chartered Bank Building, Mahatma Gandhi Road, Fort
General Trading Corporation —36 B, Tamarind House, Tamarind Lane, Fort
Greentose Corporation (India) —24 26, Dalal Street, Fort, Bombay
Hardcastle, Waud & Co , Ltd —Alice Building, Hornby Road, Fort
Harjimal Kidarnath & Co —87, Nagdevi Cross Lane, Bombay 3
Herman & Mohatta B R , Ltd —People s Building, Sir Phirozshah Mehta Road Fort
Hiralal Gokaldas Dalal & Co —45, Nagdevi Cross Lane, Bombay 3
Honesty Trading Corporation —27, Bombay Mutual Annexe, Gunbow Street, Fort
Industrial Stores Agency —59 Forbes Street, Fort
International United Trading Corporation —80 90, Lohar Chawl, Bombay 2
Jashwantlal Mancklal & Co — 40, Vir Nariman Street, Fort

JAVERI TRADERS —P O Box No 1977, Lakhani Building, 34, Cawasji Patel Street, Fort Importers of Gum Tragacanth, Lubricating Oils, Leather Beltings, and Mill Stores Materials

Jayant Engineering & Mill Stores —30 Nagdevi Cross Lane, Bombay 3

JHALA, R T , & CO —9, Forbes Street, Fort, Bombay 1

KILBURN & CO , LTD —Asian Building, Ballard Estate, Bombay Phone 31908 Grams "TASCONIUM"

Kooverji Devshi & Co —164 Lohar Street
Laxminarayan Mill Supply Co —Noble Chambers, 116, Parsi Bazar Street, Fort
Mancklal & Sons —176, Narayan Dhuru Street, Barbhai Moholla, Bombay 3
Mangaldas & Sons —Lentin Chambers, Dalal Street Fort, Bombay
Mehta & Co , S —Anees Chambers Annexe, Carnac Road, Bombay 1
Merchants Bros —151, Nagdevi Street
Modern Machine Tools Co —88, Nagdevi Cross Lane

MODERN MILL STORES.—97, Nagdevi Street, Bombay 3 Phone No 22194 Grams "PIPEFIT" Mill Furnishers, Specialists in all sorts of Beltings, bobbins, roller skins and all Textile leather goods

Morgan Miller & Co —219 Frere Road

NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146, Bombay 3 Phone 33462 Grams "REQUISITES"

NORINCO LIMITED, P O Box No 871, Bombay 1 Sole Agents "Viking" Rubber Transmission, Conveyor and V-Belts

P RATILAL & CO —43, Dhanji Street, Bombay 4

Premier Machinery Stores Co —66, Nagdevi Street
Rajasthan Trading Co — Podar Chambers, Parsi Bazar Street Fort
Reliance Trading Co - Vithal Sayana Building, Johar Street, Bombay 2
Roberts McLean & Co , Ltd —Ilaco House, Sir Phirozshah Mehta Road, Fort

ROYAL HARDWARE MART —108, Nagdevi Street, Bombay 3 Phone 24121 Grams "MANILAROPE" Authorised Distributors for Dunlop Beltings and Hoses

Salem & Company —31 Murzban Road Fort
Shah Trading Corporation —Oomrigar Building opp Crawford Market P O Box No 2299, Bombay 2
Sheth S C & Co , Ltd —Raja Bahadur Mansion, 14, Hamam Street, Fort Bombay
Sizing Materials Co , Ltd —Jeroo Building, 137, Mahatma Gandhi Road, Fort
Spence Ltd —Kennedy Bridge, Bombay 4
Techno Industrial Co —107, Sir Vithaldas Chambers, 16, Apollo Street, Fort
Textile Supplies Syndicate (India) Ltd — Kermani Building, Sir Phirozshah Mehta Road Fort
Textile Works Ltd —49/55, Apollo Street, Fort

THAKORLAL & CO —47, Nagdevi Cross Lane, Bombay 3 Phone 20498 Grams "PIPEWARES"

Todi & Co - Importers & Exporters 41 Hamam Street, Fort
Trinity Industrial Stores —72 74, Nagdevi Street, Bombay 3
Volkart Brothers — 19 Graham Road Ballard Estate, Fort

WESTERN INDIA TANNERIES LTD —Manufacturers of Leather Beltings, Picking Bands, Buffers, Roller Skins, Pickers, Washers, Laces, etc Dharavi, Bombay 17 Phone No 62841 Grams "EASTKIP"

BILLIARD TABLE MANUFACTURERS

D S COUTINHO & CO —Billiard Table Manufacturers, etc , 91-93, D'Lima Street, Mazagaon, Bombay 10

DAWSON & CO —24, Parsee Bazar Street, Fort, Bombay 1 Phone 31817 Grams "CUSHIONS" Billiard Table Makers, Wood Working Machines, Machine Tools, Furniture, Fretwork, etc

SHERATON & CO —Works & Office 131, Medows Street, Fort Phone 31330 Furniture & Billiard Table Manufacturers

BISCUIT MANUFACTURERS

BRITANNIA BISCUIT CO , LTD , THE —Head Office Calcutta Bombay Office and Factory Reay Road Bridge, East Tel Address "BOMBISKET" Phone No 73581 (2 lines)

Carr & Co Ltd —Imperial Chambers, Ballard Estate

HUNS DEWAN & CO —P B No 4518, 158, Upper Duncan Road, Byculla, Bombay 8 Telephone Nos 74139 & 75394 Telegraph Address "BISCUITS" High Class Biscuits Manufacturers

J B Mangharam & Co —12 Gunbow Street, Fort, Bombay 1 Phone 22339 Grams LNERGYFOOD
Parle Products Manufacturing Co —Bomanji Master Lane, near Kalbadevi Post Office Bombay 2
Renown Biscuit Co , The —Connaught Road, near Victoria Gardens, Bombay 27

SHANGRILA FOOD PRODUCTS LTD —Manufacturers of Quality Biscuits Registered Office Great Social Building, Sir Phirozshah Mehta Road, Fort, Bombay Phones 25254 and 30373 Grams "SHAFOPROLI" Factory Bhandup, Agra Road, Bombay Phone 87916 Local Sales Godown 32, Tamarind Lane, off Bruce Street, Fort, Bombay

BLANKETS, SHAWLS (COTTON WASTE BLANKETS)

Kewalram Chellaram —Exporters Importers, General Merchants and Agents, Gandhi Mansion New Silk Bazar Bombay 2
Pan India Overseas Co —Gandhi Mansion, New Silk Bazar, Bombay 2

BLOWERS

PIONEER INDUSTRIES —21, Forbes Street, Fort P O Box No 1909 Phone 31982 Grams "PIOMETAL"

BOBBINS AND SHUTTLES

Acme Bobbins & Shuttles Ltd —Raja Bahadur Mansion, 14 Hamam Street, Fort
Ahmed Abdul Karim Bros Ltd — Karim Building Mohamedally Road Bombay 3
Altex Limited —147, Esplanade Road, Fort
Arvinda Trading Co , Ltd —105, Apollo Street, Fort

BRIGHT BROS LTD —156 A, Tardeo Road, Bombay 7 Grams "BRIBOS" Phone 41699 Specialists in Gifts advertising.

Chemautex —11, Bank Street, Fort
C Patel & Co —70, Podar Chambers, Fort
Empire Trading Co - 76 A, Ali Chambers, Tamarind Lane
Greentose Corporation (India) Cama Buildings 24 26 Dalal Street, Fort
Indo Bobbins & Textiles Co , Ltd —10 Bruce Street, Fort
Indusco (India) - Ibrahim Building, 6, Bell Lane, Fort, Bombay
Jhaveri Brothers —149, Shroff Bazar Bombay 2
Kooverji Devshi & Co —164, Lohar Street
Laxminarayan Mill Supply Co —Noble Chambers, 116, Parsi Bazar Street, Fort

MAHALAXMI BOBBINS MANUFACTURING CO , LTD — 5, Alli Chambers, Tamarind Lane, Fort Manufacturers of all Types of Textile Wooden Bobbins Grams "TRUSTFULLY" Phone 32622—Factory 62997

Mangaldas & Sons —Lentin Chambers, Dalal Street, Fort
Mehta Parikh & Co —45 47, Apollo Street Fort
Modern Mill Stores —97, Nagdevi Street, Bombay 3
Modern Shuttles Manufacturing Co , Ltd —15, Forbes Street, Fort
National Trading Company —263, Hornby Road, Fort, Bombay 1

ORIENTAL MILL SUPPLY CO , LTD —29-A, Alli Chambers, Dean Lane, Fort Phone 20328 Grams "OMILLCO"

Piroz N Motabhoy & Co Ltd Motabhoy Building Corner of Medows and Forbes Street Fort Bombay
Rajasthan Trading Co —Podar Chambers Parsee Bazar Street, Fort
Roberts McLean & Co , Ltd —Ilaco House, Sir Phirozshah Mehta Road, Fort
Shah Bros & Co —Raja Bahadur Compound, Hamam Street, Fort
Shamsun & Co —11, Bruce Street, Fort
Sheth, S C , & Co , Ltd —Raja Bahadur Mansion, 14, Hamam Street, Fort
S M Shah & Co —16(2) Shankerbari Lane Chira Bazar Phones 61466 and 25779 Grams TEXLATEX

TEXMACO (GWALIOR) LTD —Gwalior, Manufacturers of Cop-change Auto Looms, Overpick and Underpick Plain Looms, Dobbies and Dropboxes, Bobbins, Shuttles and Picking Sticks Sales Office 254 A, Annie Besant Road, Bombay 18 Grams "RINGFRAME" Phone 74534

Textile Traders —11, Bruce Street
Todi & Co —41, Hamam Street, Fort
Trades Establishments (India) Ltd —104, Apollo Street, Fort
United Import Co , The —67 69, Mahomedalli Road, Bombay 3
Viswabharati Trading Co —60, Modi Street, Fort
Waghji Lakhmidas & Co —206, Samuel Street Vadgadi
Wilson Brothers Bobbin Co , Ltd —Seksaria Chambers, 139, Medows Street, Fort

BOILERS—AGENTS, PRESERVATIVES AND COMPOSITIONS

Ardeshir D Wadia & Sons —93, Apollo Street, Fort
Associated Corporation of Industries (India) Ltd —Commerce House, Currimbhoy Road Ballard Estate
Balmer Lawrie & Co , Ltd —5, Graham Road, Ballard Estate, Fort
Brady, W H , & Co , Ltd —Royal Insurance Building, Churchgate Street, Fort
C Patel & Co —70, Podar Chambers, Fort
Daver, B F , & Co —Appa Baug Estate, 41, Queen's Road
Dodsal Limited —31 Murzban Road, Fort
Greentose Corporation (India) - Cama Buildings, 24 26, Dalal Street, Fort
Hardcastle, Waud & Co , Ltd —Alice Buildings, Hornby Road, Fort
Heatly and Gresham Ltd —9, Forbes Street, Fort, Bombay
Herman & Mohatta, B R Ltd —People's Building, Sir Phirozshah Mehta Road Fort
Holmes & Co , Ltd —Alice Buildings Hornby Road, Fort
Jayems Engineering Co —Warden House, Sir Phirozshah Mehta Road Fort
Kooverji Devshi & Co —164, Lohar Street
Moloobhoy, Ahmed S , & Sons —281, Nagdevi Street
Murdoch-Smith & Co , C M —23, Waudby Road, Fort
Pioneer Magnesia Works Ltd —Chartered Bank Building, Fort

PUNEGAR, N E, & CO —Boiler Solutions and Paint specialists, Union Bank Building, Apollo Street, Fort Phone 30278 Grams "ACMECOMPO"
Richardson & Cruddas —Byculla Ironworks, Parel Road
Roberts McLean & Co, Ltd —Ilaco House, Sir Phirozshah Mehta Road, Fort
Salem & Company —31, Murzban Road Fort
Thos W Ward (India) Ltd —Marshall Building, Ballard Road, Ballard Estate, Fort
WESTERN MANUFACTURING CO —Hassan Chambers, Parsi Bazar Street, P O Box No 1230, Fort Phone Office 32284 Workshop 40147 Grams "WESTERWORK"
Worthington Simpson Ltd —Mubarak Manzil, Apollo Street, Fort

BOILER MOUNTINGS & FITTINGS

KILBURN & CO, LTD —Asian Building, Ballard Estate, Bombay Phone 31908 Grams "TASCONIUM"

BOLTS, NUTS AND SCREWS

Abdeally, B M & Co —127, Sirang Street Bombay 3 Phone 31790
Abdulkhadar Shamsuddin & Co —48 Khoka Bazar, Bombay 8
Abdullabhai Faizullabhai Ltd —Khoka Bazar, Bombay 3
Adamally Sons Ltd —277, Nagdevi Street, Bombay 3
ASIAN TRADES & INDUSTRIES —Post Box 3113, Bombay 3 Phone 33462 Grams "ASIANTRADE"
Asian Trading Corporation - P O Box No 1505, 20, Mangesh Street
Associated Agencies (Bombay) —47, Podar Chamber, Parsi Bazar Street, Fort
AUTO AGENCY —Congress House, Vithalbhai Patel Road, Bombay 4 Phone 71481 Importers of SAE Bolts & Nuts & Spring Centre Bolts Grams "RIVET"
Bharat Trading Co — 316 A, Vithalbhai Patel Road
Bhutt Brothers —163, Nagdevi Cross Lane, Bombay 3
Bombay Engineering & Metal Works —Dehgamwalla Chambers, Nesbit Road, Bombay 10
Bombay Metal Products Co —86, Khandewadi Bombay 4
Brady, W H, & Co, Ltd —Churchgate Street Fort
Dhani Ram & Sons —236, Musjid Bunder Road, Bombay 3
Dhirajlal & Co —62, Princess Street
Doshi Brothers & Co —77 Medows Street, Fort
EAST ASIATIC COMPANY (INDIA) LTD —Wavell House, Graham Road, Ballard Estate Phone 30955
Gattee & Co —Janmabhoomi Chambers, Fort Street, Fort, Bombay 1
G C Vora & Co —107, C P Tank Road, Bombay 4
General Engineering Corporation —249, Frere Road Fort
GUEST, KEEN, WILLIAMS, LTD —"Das Chambers," Dalal Street, Fort, Post Box No 575, Bombay 1
Gulam Rasul Allahbux —1 B, Bachooali House, Nowroji Hill Road No 1, Bombay 9
Herman & Mohatta, B R, Ltd —People's Building, Sir Phirozshah Mehta Road, Fort
International United Trading Corporation —80 90 Lohar Chawl, Bombay 2
Jaswantlal Maneklal & Co —40 Churchgate Street, Fort
Jaysukhlal & Bros —82 86, Abdul Rehman Street, Bombay 3
Kanthawalla, N & Co —77, Medows Street Fort
KILBURN & CO, LTD —Asian Building, Ballard Estate, Bombay Phone 31908 Grams "TASCONIUM"
NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146, Bombay No 3 Phone 33462 Grams "REQUISITES"
NORINCO LIMITED —P O Box No 871, Bombay Selling Agents for Forenede Nagle & Skruefabriker, Oslo, Norway
Patel, U D, & Co —11, Bank Street, Fort
P Ratilal & Co —43 Dhanji Street, Bombay 3
Reliance Trading Co —25/47, Lohar Street, Bombay 2
Shah & Mehta —7, Second Carpenter Street, Bombay 4
Sriram & Co —97, Narayan Dhuru Street, Bombay 3
S Nagam & Co —418, Kalbadevi Road, Bombay 2
Soho House —Vithal Sayana Building, Lohar Street
Sulemanjee Valijee Kutiyanawalla & Co —Kika Street, Null Bazar
T Salebhoy & Co —54, Khoka Bazar, Bombay 3
Vasant Industrial & Engineering Works —470/71, Worli Road, Bombay 18
WESTERN INDIA HARDWARE MART —16, Narayan Dhuru Cross Lane, Bombay 3 Grams "VISCOSITY" Phone 28730

BONES & FERTILIZERS

Asian Commercial Co —Mehta Building, Medows Street, Fort

BOOK MANUFACTURERS

A G BOOKWALLA & CO —9, Mirza Street, Bombay 3 Phone 34925 Manufacturers of well known "Good Luck" Exercise Books, Note, Letter & Duplicate Books and all sorts of Account Books Grams "EXERCISES"
DEELIP STATIONERY MART —88 B, Khadilkar Road, Bombay 4 Manufacturers of Accounts Books, Exercise Books etc Phone 71413 Grams "AZADPAPER"
Federal Book Manufacturing Depot 23 Parsi Gally Mirza Street Bombay 3
Saifee Book Manufacturing Depot —72, Abdul Rehman Street, Bombay 3

BOOKSELLERS, PRINTERS AND PUBLISHERS

Allibhoy Sharafally & Co, Ltd —373 Ebrahim Rahimtullah Road
Allied Publishers and Stationery Manufacturers Ltd —Stronach House, 15, Graham Road Ballard Estate
Army & Navy Stores Ltd —Mahatma Gandhi Road
ASIA PUBLISHING HOUSE —Bombay Mutual Annexe, 17, Gunbow Street, Fort, Bombay Phone 24251 Cables "BOOKLORE" Branch Office 67, Ganesh Chandra Avenue, Calcutta 13
Balwant Pustak Bhandar —Girgaum Naka, Bombay 4
BENNETT, COLEMAN & CO, LTD —Times Building, Hornby Road, Fort
Blackie & Sons (India), Ltd —103/5 Fort Street Fort
Bombay Book Depot, The —217, Charni Road, P O Girgaum, Bombay 4
Bombay Tract and Book Society - The Wesley Hall, 62, Causeway, Fort, Bombay 1
Butterworth & Co (India), Ltd —Jehangir Building, Mahatma Gandhi Road, Fort
Christian Book Shop —The Wesley Hall 62, Causeway, Fort, Bombay 1
CLARIDGE, G, & CO, LTD —Frere Road, Fort, Bombay 1 Phone 30801 (2 lines) Grams "BRAD"
Clifton & Co -Maps and Books Publishers, Kamdar Chambers, Sion, Bombay 22
Collins, F J —Opp Army & Navy Stores, Ltd, 143, Mahatma Gandhi Road, Fort
Cooper K & J —Swadeshi Mills Estate Girgaum, Bombay 4
Current Technical Literature Co Ltd —Jehangir Building, Mahatma Gandhi Road Fort Bombay
Dhruva Book Depot —Khetwadi 9th Lane Bombay 4
Dhruva Publishers —Khetwadi 9th Lane, Bombay 4
Educational Publishing Co —17, Benham Hall Lane, Girgaum, Bombay 4
FURTADO, L M, & CO —540-544, Kalbadevi Road Phone 23656 Dealers in Catholic Religious Books & Devotional Articles
Gandhi & Co (Publishers) —Jan Mansion, Sir Phirozshah Mehta Road Fort
Geographical Map Depot —Khetwadi 9th Lane, Bombay 4
Hind Kitabs Ltd —261 263, Hornby Road Fort
Ilmia Book Depot —Mohamedali Building, Mohamedali Road, Bombay 3
International Agencies (Regd) —28, Apollo Street, Fort, P O Box No 4094, Bombay
International Book House Ltd —Ash Lane, Mahatma Gandhi Road, Fort
International Reference Book Co —78, Podar Chambers, Parsi Bazar Street, Fort
JAICO PUBLISHING HOUSE —125, Bell Lane, Mahatma Gandhi Road, Bombay 1 Phone 32564 Grams "QUICKSIGHT" Booksellers, and Publishers
Jaswant Printing Works —57 D, Khattargali, Thakurdwar, Bombay 2
Jethand Talakshi & Sons —Empire Building Hornby Road (near Capitol Cinema), Fort Bombay 1
Karandikar Publicity Bureau —Gloria House, 1, Sankli Street, Byculla, Bombay 8
KARIM LITHO PRESS —2nd Anjeer Wadi, Mazagaon (Estd 1870) For all kinds of Islamic Religious Books in Arabic, Persian and Urdu Sales Dept —Karim Book Agency, Kolsa Mohalla, Bombay 3 For all kinds of Arabic, Persian and Urdu Literature
Karimi Press Book Agency —Pydhownie Road Bombay 3
Keshav Bhikaji Dhawale —Shri Samarth Sadan No 2, Chira Bazar, Bombay 2
Khemraj Shrikrishnadass —7th Khetwadi Bombay 4
Kitab Mahal —Publishers & Booksellers, Sohrab House, 235 Hornby Road, Fort
Kutub Publishers Ltd —Regal Building, Apollo Bunder, Bombay 1
Lakhani Book Depot —Girgaum Bombay
MacMillan & Co Ltd — 'MacMillan Buildings,' 276, Hornby Road
Magazine Agency —4 Nanabhai Lane, Fort Bombay 1

Model Art Printery Ltd —4, Nanabhai Lane, off Churchgate Street, Fort
National Information & Publications Ltd —National House, Tulloch Road, off Lansdowne Road, Bombay 1
NEW BOOK CO , LTD —"Kitab Mahal," 188-190, Hornby Road, Fort
New and Secondhand Bookshop —Kalbadevi Road, Bombay 2
New Photoplay Co —231, Hornby Road, Fort
New Popular Book Shop —Nana s Chowk, Gowalia Tank Road, P O Grant Road, Bombay 7
Nootan Sahitya —156 Tardeo Road, Bombay 7
Orient Longmans Ltd —Indian Mercantile Chambers, 53, Nicol Road, Ballard Estate
OXFORD UNIVERSITY PRESS —Oxford House, Apollo Bunder, Post Box No 31, Bombay 1
Padma Publications Ltd —53/55, Lakshmi Building, Sir Phiroz shah Mehta Road, Fort
Philpress —Kodak House, Hornby Road, Fort
Pioneer Book Depot —181/3, Hornby Road, Fort
Popular Book Depot (Regd) —Aabid House, Lamington Road
Premier Trading Co (Regd), Estd 1928 - 11, 2nd Parsiwada, Gir gaon, Bombay 4
Progressive Corporation, Ltd —Jehangir Wadia Building, 51, Mahatma Gandhi Road, Fort
Purbhoodas & Co , D S —New Stock Exchange Building, Apollo Street, Fort
RAJKAMAL PUBLICATIONS LTD —Himalaya House, Hornby Road, Bombay 1 and also at 1, Fiaz Bazar, Delhi , and N-38, Connaught Circus, New Delhi
Ramchandra Govind & Son —Nariman Building, Dhobi Talao, Bombay 2
Swastik Geographical Publishing Bureau Swadeshi Mills Estate Tata Road Bombay 4
Taraporevala, D B , Sons & Co —210, Hornby Road, Fort
Taraporevala Phiroze & Kaikhushru, I D B —Kitab Mahal, 188 190, Hornby Road Fort
THACKER & CO , LTD —Rampart Row, Fort
Tripathi, Ltd N M —164, Princess Street, Kalbadevi Road, Bombay 2
Universal Book Depot —Mohamedali Road, Bombay 3
Vora Bros —218, Princess Street, Bombay 2
Wheeler, A H , & Co —Eruchshah Building, 249 Hornby Road
Wm Collins Sons & Co Ltd —Taj Mahal Hotel Apollo Bunder
Writers Book Depot —People s Building, Sir Phirozshah Mehta Road, Fort
Writers Publications —People's Building, Sir Phirozshah Mehta Road, Fort

BOOT AND SHOE LACES

Bata Shoe Co Ltd —Atlas Mills Compound Reay Road Bombay 10
Gesco Industries —Tara Baug, Love Lane, Mazagaon, Bombay 10
Gordhan, M —384 A, Kalbadevi Road

BOOT AND SHOE-MAKERS AND DEALERS

Army & Navy Stores Ltd —Mahatma Gandhi Road
Art Home 16 A Love Lane Byculla Bombay 27
Artistic Millinery & Leatherwares —Phiroz Building, Apollo Pier Road, Fort
Bashir S M , & Bros —Bachooali House Haji Bachooali Road
Bata Shoe Co , Ltd —Atlas Mills Compound Reay Road Bombay 10
Bombay Swadeshi Co-operative Stores Co , Ltd —Western India House, Sir Phirozshah Mehta Road Fort
Cawnpore Mills Depot —Churchgate House, Churchgate Street, Fort
Dunlop Rubber Co (India) Ltd —Dunlop House, Hughes Road
Eastern Leather Works —Junction of Sandhurst Road & Girgaum Back Road, Bhatia Sanitorium Bombay 4
Elgin Leather Wares Ltd Nawab Building, 522 Hornby Road, Fort opp Thomas Cook & Sons, Bombay
Evans Fraser & Co —The Fort House Hornby Road
Express Corporation —Co operative Insurance Building, Sir Phirozshah Mehta Road, Fort
General Shoe Stores —337 43, Bhendi Bazar
Gold Filled Leather Works Princess Street and Sandhurst Road, Bombay
Gulam Rasul Allahbux —1 B Bachooali House, Nowroji Hill Road No 1, Bombay 9
Haneef S M , & Co —Bachooali House, Hajee Bachooali Road, Bombay 9
Jamnadas Jinabhai & Sons —Jamnadas Building, Vithalbhai Patel Road, Kumbhar Tukda
John Barry Shoe Co —Head Office Sir Phirozshah Mehta Road, Fort
Manufacturers Eastern Agency —105, Apollo Street Fort
Oriental Import & Export Agency —52, Shri Krishna Nivas, New Silk Bazar, Kalbadevi Road
PATEL BROS (TOPIWALA) —No 2, Kalbadevi Road, Pydhownie T T , Bombay 3 Manufacturers and Exporters of Shoes, Chappals and Mojdis
Shoe Marketing Company —Bharat Building, 15A, Elphinstone Circle, Fort
Vasi Bros & Co —Topiwala Mansion, Mohamedally Road, Bombay 3
Whiteaway, Laidlaw & Co , Ltd —278 286, Hornby Road

BORING CONTRACTORS

Hindustan Water Supply Co , Ltd —45-47, Apollo Street, Fort
Western Manufacturing Co —Hassan Chambers, Parsi Bazar Street

BORING MACHINERY

WESTERN MANUFACTURING CO —Hassan Chambers, Parsi Bazar Street, P O Box No 1230, Fort Phone No Office 32284, Workshop 40147 Grams "WESTERWORK"

BOTANICAL DRUGS

ALL INDIA HERB SUPPLY CO , LTD —Goumukh Bhuvan, Masjid Bridge, P O Box 5041, Bombay 9 Phone No 28960, Grams "LIQUORICE"

BOTTLES AND CORKS

Akbarally Mohamedally & Co —Dawoodi Building 316, Abdul Rehman Street
ALL INDIA BOTTLE SUPPLYING CO —153 155, Sheriff Dewji Street, Bombay 3 Phone 23178 Grams "ALLINDIA" Stockists and Direct Importers of Glass Bottles, Corks and Capsules
ALL INDIA GLASS WORKS LTD —Manufacturers of all kinds of bottles and Glasswares Bhandari Street, Bombay 3 Phone 32911 Factory Andheri Road, Kurla Phone 87122 Grams "WHEELBRAND"
All India Trading Corporation —20, Bank Street Fort
ANANT TRADING CO —Empty Bottles, Corks and Chemicals and Drugs P O Box No 2283, 89, Princess Street, Bombay 2 Phone 20188
BHAGWANDAS DEVSHI LTD —87, Princess Street Importers and Dealers in Glassware, Empty Bottles, Corks and Laboratory Equipments Phone 24604 Grams "EMBOT"
Bharat Bottle Co —157, Sheriff Dewji Street, Bombay No 3
Blascheck, H , & Co —Dadyseth House 44 Cowasji Patel Street, Fort
Central Bottle Trading Co —151 Chakla Street, Bombay 3
EMBI DESAI & CO —Office Dadyseth House, Cawasji Patel Street, Fort Post Box 1116, Bombay 1 Depot 108, Ardeshir Dady Street, near C P Tank, Bombay 4 *Process Works* **51, Bhandari Street, near Round Temple, Bombay 4** *Factory* **Patel Estate, Goregaon (East), Bombay** *Ahmedabad Office* **Jaya Bhuvan, Inside Balahanuman, Ahmedabad**
Express Corporation —Co operative Insurance Building, Sir Phiroz shah Mehta Road, Fort
General Import Co (India) Heera Building 1st Floor 174 Cornac Road Bombay 2 Phone 23633 Grams SODALEMON
Indo International Commercial Corporation Ltd —Jalgir Chambers, Tamarind Lane, Fort
K K Shah & Co —Sheriff Dewji Street Bombay 3
NUTEX (INDIA) LTD — Devkaran Mansion, 2nd Floor, Block No 1, Princess Street, Bombay 2 Grams "NUTOLITE" Manufacturers and Dealers in Bottles (made to order or from stock), Corks and Caps
Rubako Industries —Behramji Mansion Sir Phirozshah Mehta Road, Fort
Salemahomed Padamsee & Co —141, Chakla Street, Bombay 3
SIKRI BROTHERS —79E, Princess Street, Bombay 2 Phone No 33494 Grams "OILMAN"
SWADESHI GLASS WORKS DEPOT —25, Bank Street, Fort, Bombay Grams "AUTOGLASS"
TAMBAWALA METAL MANUFACTURING WORKS, LTD — 66-68, Narayan Dhuru Street, Bombay 3 Manufacturers of Lead Capsules Phone 34376 Grams "CAPOULES"
UNITED GLASSWORKS LTD —Manufacturers of Bottles and Glasswares, 111, Bandari Chakla Street, Bombay 3 Phone 32912 Factory Silver Compound, Society Road, Andheri Phone 86159 Grams "GLASSBOTS"
Vazir Glass Works Ltd —Prospect Chambers, Hornby Road, Fort
VIJAY BAKELITE TRADING CO —Pimpal Wadi, Mugbhatt Street, Bombay 4 Suppliers of all kinds of Glass Bottles, Washers, Bakelite Caps, Rubber Caps, and Aluminium Capsules
WEIL COMPANY —Chateau Marine, 41-B, Marine Drive Bombay 1 Phone 34593 Cables: "WEILETCO."

BOX MANUFACTURERS

Brijmohan Banwarilal —61, Reay Road, Bombay 10
CLARIDGE, G , & CO , LTD.—Frere Road, Fort, Bombay 1 Phone 30801 (2 lines) Grams "BRAD"
Indian Commercial Agency —Regd Office Rahimtoola House, 7, Homji Street Fort
Indian Packing Materials Corporation —Mahavir Building, Homji Street, Fort
Jaydip & Co —Sambava Chambers, Sir Phirozshah Mehta Road, Fort
Metal Box Co of India, Ltd —Worli Road, Worli
Model Art Printery Ltd —4, Nanabhai Lane, Fort, Bombay
New Gujerat Paper Box Manufacturing Co —52, Kathar Gully, Amarwadi, Thakurdwar, Girgaum
NEW JACK PRINTING WORKS, LTD —Seksaria Mills Compound, Globe Mills Passage, off DeLisle Road, Bombay 13 Grams "NEWJAPRES" Phones 60042-43
New Manohar Press —Angrewadi, V Patel Road, Bombay 4 Multi colour Printers and Box makers
RYLAND PAPER BOX MANUFACTURING CO —(Box Manufacturers and Printers), Lakhani Building, 34, Cawasji Patel Street, Fort, Bombay 1 Factory at Timberware Compound, near Paradise Talkies, Lady Jamshedji Road, Mahim Phone 62620 Manufacturers of Card board Cartons and Fancy Boxes, Labels, Wrappers and Packing Materials
Sharda Paper Box Manufacturing Co —Motisha s Chawl Gangadas Hall, Sheik Memon Street Bombay 2

BOX-STRAPPING, SEALS & MACHINES

P L BHATT & CO —5, Bharat House, 104, Apollo Street, Fort, Bombay Phone 34454 Cable "DIGNIFIED"

BRASSWARE

Abdul Khadar Shamsuddin & Co —48, Khoka Bazar, Bombay 3
Asian Traders & Industries Post Box 3113, Bombay 3
Bombay Brassware Co —Devkaran Mansion, No 5, Mangaldas Road, Bombay 2
INDIAN ART MUSEUM LTD —Carnac Bridge, Bombay 3 Phone 20726 Grams "INDARTMUSE"
INDIAN ARTS EMPORIUM —Bombay Mutual Annexe, 2 C, Cawasji Patel Street, P O Box No 1716, Fort, Bombay
Lookmanji Moosaji—Diamond Building Lohar Chawl, Bombay 2
Moosa Brothers (India) —6 Abdul Rehman Street, Mamlar Building, Bombay 3
National Hardware & Store Supply Co —30, Khoka Bazar, Bombay 3

BRASS WORKS

Acme Manufacturing Co , Ltd —Construction House, Ballard Estate, Fort
Adamji Lukmanji & Co —Rahimtulla House, Homjee Street, Fort
Aggarwal Metal Corporation —203, Kika Street, Gulalwadi, Bombay 2
Asian Traders & Industries —Post Box 3113, Bombay 3
Bombay Metal Industries —Factory Near Currey Road Bridge Chandivali Chawl, Parel, Bombay 13
Bombay Metal Product Co —86, Khandewadi, Bombay 4
Chandulal Narandas —96, kika Street, Bombay 4
Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort, Sethna Hall, Nesbit Road, Bombay 10 Suppliers of Furnaces, Pyrometers and Instruments for
Devidayal & Sons —2nd Bhoiwada, Bombay
Gujrat Metal Works —138, 6th Kumbharwada, Bombay 4
Indian Standard Metal Co , Ltd —Chinchpokli Cross Lane, Bombay 27
Kamani Engineering Corporation —Kamani Chambers, Nicol Road, Fort
LALLUBHAI AMICHAND LTD —Proprietors, "Dun Aluminium Factory" 225-227, Tardeo Road, Bombay 7 Manufacturers of all Non Ferrous Metal Wares and Articles Phone Nos 41610 & 73220 Grams. "CYCLEBRAND"
Metrogold Brass Manufacturing Co —50, Nesbit Road, Mazagaon
Nadirshaw & Bros —Silver Talkies Building, Khetwadi Back Road Bombay 4
Patent Tiffin Carrier Sanghvi Co —20, Kansara Chawl, Kalbadevi Road, Bombay 2
Sanghvi & Sons —20, Kansara Chawl, Kalbadevi Road
Simplex Iron & Brass Works —96, Upper Duncan Road, Byculla
Standard Metal Works Ltd —17, Falkland Road, Tardeo
Tavkar, B A —Mumbadevi, Kansara Chawl, Kalbadevi, Bombay 2
Thakurdwar Brass Works —Surry Mahal, Thakurdwar, Bombay 4

BRICK AND TILE MANUFACTURERS AND MERCHANTS

Acme Tiles Manufacturing Co —494, Duncan Road, Bombay 4
Ahmed Noormohmed Chunawala & Co —338, Ghodbunder Road, Andheri
Albuquerque, A , & Sons —43 B, Mazagaon
Bharat Tiles & Marble Ltd —92, Apollo Street, Fort Bombay
Bombay Potteries and Tiles Ltd —Pipe Road, Kurla, Bombay
C BHOGILAL & CO —Hanuman Building, Behind Reserve Bank, Elphinstone Circle, Fort
Chunilal Parikh & Co —478, Duncan Road, Bombay 4
Desai, Lalubhai, & Co —Duncan Road, Null Bazar
GARLICK & CO , LTD —Haines Road, Jacob Circle
Gigabhai, K , & Sons —8 10, Green Street Fort Bombay
Himalaya Tiles & Marbles —Himalaya Baug, Lady Jamshedji Road, Mahim
Hindustan Tiles & Cement Industries —89, Princess Street, Bombay 2
Indianite Insulation Co of India —139 Medows Street, Fort
K Gigabhai & Sons —8 10, Green Street, G P O Box No 1180, Fort
Khanmahomed & Co —508, Duncan Road
Modern Concrete Art Industries —17 19 Dalal Street, Fort
MODERN TILES CO , LTD —516, Duncan Road, Near Null Bazar, Bombay 4 Phone 72591 Grams "MOSACTILES"
Mohanlal & Co —191 Duncan Road Bombay 4
Muragila, F , & Co —12, Green Street, Elphinstone Circle
NEW INDIA MOSAIC AND MARBLE CO , LTD —Brabourne Stadium (North), Churchgate, Fort, Bombay 1 Manufacturers of 'NIMMCO' Plain Cement, Marble, Mosaic Flooring, Tiles in wide range of quality and colours, Pietra (Terrazzo) Tiles, Chequered Tiles and Steps for heavy duty, Pre-Casted Marble Mosaic Slabs, Situ Works, Artistic Articles in Marble Mosaic, etc Factory Industrial Estates, Lalbaug, Bombay 12 Grams "NIMMCOTILE" Phone 41773
Popular Tile Company —Mazagaon, Bombay 10
Raval & Co —21, Bank Street Fort
Raval Tiles & Marble Ltd — Edena ' Queen s Road
R Parikh & Co —Botawalla Building, 11 13, Elphinstone Circle, Fort, Bombay
Shivraj Kanji & Co —21 Khetwadi 6th Lane
Simplex Art Flooring Ltd —— La citadelle 32, Queen s Road
Stone Supplying Co Ltd —494 Duncan Road, Bombay 4
Tandur and Shahabad Stones Co - Opp Round Temple, Sandhurst Road Bombay 4
United Tile Agency —Old P O Building Mazagaon
Vadilal & Co —485, Duncan Road

BRISTLE MERCHANTS

BAJAJ & SONS (BOMBAY) LTD —H S , 41, People's Building, Sir Phirozshah Mehta Road, Fort, Bombay Grams "SEBAJ" Bombay Phone 24723

BROKERS

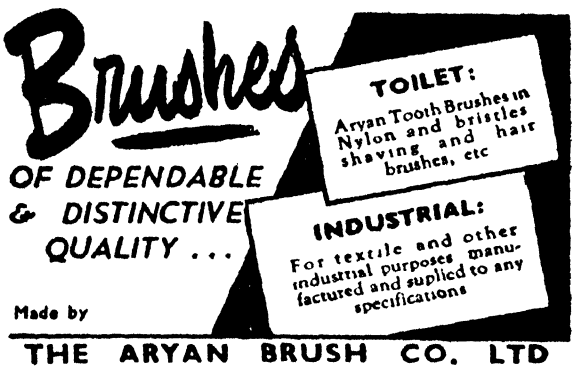
Amersey & Sons —Oriental Buildings, Feltham House, Ballard Estate
Amratlal Kalidas —Share Stock and Finance Broker 90, Stock Exchange New Building, Apollo Street Fort
Amritlal Popatbhai & Co —11 Aga Khan Building, Dalal Street Fort
Amthalal Nanabhai Ghandi —53, Stock Exchange New Building, Apollo Street Fort
Anandilal Podar & Co —Podar Chambers, Parsi Bazar Street Fort
Arjan Khimji & Co —17, Sir Phirozshah Mehta Road, Fort
Arvind Chandra Ambalal Trivedi —Lalgir Chambers, Tamarind Lane Fort
Aspinwall Lukhmidas & Co —7 9, Elphinstone Circle Fort
Bachhraj & Co , Ltd —Jehangir Wadia Building, Mahatma Gandhi Road, Fort
Batlivala & Karani —Union Bank Building, Dalal Street, Fort
Begraj Kishandev —207, Kalbadevi Road, Bombay 2
Bhaidas Goolabdas — Share Bazar Fort
Bharucha, Homi M P —Karsondas Natha Building, Hamam Street, Fort
Billimoria, H R — Karsondas Natha Building 5 A, Hamam Street, Fort
BREUL AND CO —Taj Bldg , Hornby Road, Fort, Bombay 1
Chaitanyalal & Co —808, Cotton Exchange Building Kalbadevi Road
Chimanlal J Dalal & Co —107, Stock Exchange Building, Dalal Street, Fort
Chimanlal Mohanlal & Co —Patel Building, Zaveri Bazar
Chinoy & Co —East and West Building Apollo Street, Fort
Chiranjilal & Co —199 201, Kalbadevi Road, Bombay 2

Chugondas & Co —17 18, *Elphinstone Circle, Fort*
Chugonlal Gandhi & Co —Opp Share Bazar, 6, Dalal Street, Fort
Chunilal Krishnalal & Co —608, Cotton Exchange Building Kalbadevi Road
Chunilal Mehta & Co , Ltd —Yusuf Building, 43 Mahatma Gandhi *Road, Fort*
Chunilal Virchand & Sons —Stock Exchange Building, Dalal Street, Fort
Cotton Information Bureau —381 Hornby Road, Fort
Darashaw & Co - Central Bank Building, Mahatma Gandhi Road, Fort
Dastur M B & Sons —Insurance Brokers, Ismail Building, Hornby Road Fort
Dhansukhlal & Co —Patwa Chawl, Zaveri Bazar
Dharamdas Samaldas Purbhoodas —10 Stock Exchange, Dalal Street Fort
Dhirajlal Mohanlal & Co —Aga Khan Building Dalal Street Fort
Drennan & Co —Cotton Brokers, Neville House, Currimbhoy Road, Ballard Estate Fort
Dulerai & Co —22, Apollo Street Fort
Durlabji Umedchand & Co —Laxmi House, 177 179, Kalbadevi *Road*
Express Corporation —Co operative Insurance Building Sir Phiroz shah Mehta Road Fort
Forbes & Lund —Royal Insurance Building, Veer Nariman Street, Fort, Bombay 1
Gazdar I S & Sons - Share Bazar Dalal Street Fort
Gill & Co E D Sassoon Building, Dougall Road, Ballard Estate, Fort
Goculdas Dossa & Co —Cotton Brokers, 55 Apollo Street, Fort
Goel Bros & Co Ltd —Navsari Chambers Fort
Gokalbhai Dolatram & Co — Cotton Brokers, 522, Cotton Exchange Building, Kalbadevi Road
GUTT, SAHER & GANDHI ,—Allahabad Bank Building, Apollo Street, Fort Stock, Share, Bullion, Exchange and Finance Brokers Grams "WIZARD" Phone Office 23296 and 33900
Habib & Sons —Bullion Finance, Cotton & Produce Brokers, Laxmi Building, 177 79 Kalbadevi Road
Hansraj & Co —Seed and Myrobalan Brokers Arya Bhuvan Graham Road Ballard Estate
Haridas Dwarkadas & Co —Iron & Steel Brokers, near Carnac Bridge Argyle Road
Havanali Fatehali —190 Nagdevi Street
Jadavji Narsidas & Co —Seeds Brokers 713, Cotton Exchange Building Kalbadevi Road
Jadavji Premji Gandhi —Cotton and Bullion Broker, 199 201 Kalbadevi Road
Jagmohan Manilal Co —Cotton Brokers 505 Cotton Exchange Building, Kalbadevi Road
Jagmohandas J Kajadia —Share & Stock Broker, Savoy Chambers Dalal Street, Fort
Jamnadas Lukhmidas & Co —Cotton Brokers 403, Cotton Exchange Building Kalbadevi Road
Jamnadas Morarjee & Co —Old Stock Exchange Building, 8/10, Dalal Street Fort
Jehangir J M Poonjajee —Byramji Mansion Sir Phirozshah Mehta Road Fort
Jehangir Mehrwanji & Co —Govt Paper & Finance, Shares & Stock Brokers Jehangir Wadia Building, 51, Mahatma Gandhi Road Fort
Jethalal & Co —Cotton Brokers, 603 Cotton Exchange Building, Kalbadevi Road
J P Gupta 108, Stock Exchange New Building, Apollo Street, Fort
Keshowji Mulji & Co —Insurance Brokers 283, Samuel Street
Khimji Poonja & Co —Wadia Building, 17/19 Dalal Street Fort
Kilachand Devchand & Co , Ltd —Cotton, Seeds, Sugar and Insurance Brokers 45 47, Apollo Street Fort
Krushnaraj Dhanjibhai & Co —Cotton Brokers, 612, Cotton Exchange Building, Kalbadevi Road
Lalljee Sajun & Co —Lansdowne Road, Apollo Bunder Fort
Lallubhai Atmaram & Co —Cotton Brokers, Mahajan Association, Zaveri Bazar
Laws Wm , & Co —Sorab Mansion 35 Murzban Road, Fort
Lees H E , & Co —Windsor House, 138, Queen s Road
Lewis & Jones —Bank of Baroda Building, Apollo Street, Fort
Lladhar Karsandas & Co —Cotton Brokers Aga Khan Building, Dalal Street Fort
Lister & Co , Charles — Cotton & Wool Brokers, Navsari Chambers, Hornby Road Fort
Mackintosh James & Co —Freight Brokers, Darabshaw House, Ballard Estate Fort
Madon D S , & Son —Karsondas Natha Building, Dalal Street, Fort
Madon P M —Share Broker, Stock Exchange Building, Apollo Street, Fort
Maneklal Javerchand Davachand Javeri —Share & Stock Broker, Hindustan Press Building 21 Dalal Street Fort
Mangaldas Hakamchand Parikh —Share Bazar, 89 New Stock Exchange Building, Fort
Mangaldas Kalidas Choksey —Share Broker, Kilachand Devchand Mansion, Apollo Street, Fort
Manilal Bakordas & Co —Old Stock Exchange Building, Share Bazar, *Fort*
Manmohandas Nemidas & Co —Share Brokers, 5, Dalal Street, Fort
Mansukhlal Sukhlal Jarwala & Co —Cotton Brokers, 18 22, Marwari Bazar
Mehta, Ramkrishna & Co —Neptune Building, 166, Hornby Road, Fort
Mehta Vakil & Co —Bankers & Brokers, Old Stock Exchange Building, Dalal Street Fort
Merwanjee Bomanjee Dalal 45 47 Apollo Street Fort, Bombay
Minocher Framji & Co —Cotton Brokers, Sambava Chambers, Sir Phirozshah Mehta Road Fort
Mirzamal Poddar & Co —Cotton Brokers, 2 5 7, Hamam Street, Fort
Motilal K Dalal & Co —Share & Stock Brokers, Old Share Bazar Building Dalal Street, Fort
Motishaw, J R & Co —Share and Stock Brokers, 32, Apollo Street Fort
Mukundray Pratapray —Cotton, Grain, Seeds Gold & Silver Broker, 36, Marwari Bazar Bombay 2
NABAR, R R , & CO —Share & Stock Brokers, 31, Dalal Street, Fort Phone 24040
Narbheram Naranji & Sons —Cotton Brokers, 709, Cotton Exchange Building Kalbadevi Road
Parekh & Sons —Share Brokers, Aga Khan Building, Dalal Street, Fort
Patel Bros —10 Churchgate Street, Fort
Patel Bros —501, Cotton Exchange Building, Kalbadevi
Patel & Ramdutt —Share & Stock Brokers, 42 43, Stock Exchange Building Apollo Street Fort
P H Kamdar 19 Latif House, Lokhand Jetha, Carnac Bunder Bombay 9
Pitamber & Co — Freight Brokers, Scindia House, Ballard Estate, Fort
Pitamber Jaljee & Sons Freight Coal and Share Brokers, 4, Botawalla Building 7 9 Elphinstone Circle, Fort
Pratapraj Madhavji & Co Cavel Building Masjid Bunder Road
Premchand Roychand & Sons Ltd —63 Apollo Street Fort
Purbhoodas & Co D S —Share Stock, Exchange and Finance Brokers Stock Exchange New Building, Apollo Street, Fort
PURDIE & CO —Freight Brokers, 16, Elphinstone Circle, Fort
Pyarelal Gupta & Co 207, Kalbadevi Road Bombay 2
Ramdas Dossa & Co —Cotton Brokers, 509, Cotton Exchange Building Kalbadevi Road
Ramdas Khimjee Bros —Cotton Brokers, Warden House, Sir Phirozshah Mehta Road, Fort
Ramdas Tulsidas & Co —Cotton Brokers, 610 616, Cotton Exchange Building, Kalbadevi Road
Ramdayal Somani & Co —Brokers, 158 164 Kalbadevi Road
Ramrikdas Parasrampuria & Co —Cotton and Linseed Brokers, Raj Mahal Bhuleshwar Road
Ramsarup Gupta & Co —705, Cotton Exchange, Kalbadevi Road, Bombay 2
Ramsukh Karamidan & Co —Share & Bullion Brokers, Savoy Chambers Dalal Street, Fort
Ranchhoddas Purshottam & Co —Cotton Brokers, 39, Marwari Bazar
Ratilal & Co —Cotton & Bullion Brokers, opp New Cotton Exchange, 1 3, Bhuleshwar Corner
Raval Tiles & Marble Ltd —97 A, Queen s Road, Bombay
Raychand Doungarshi —Cotton Broker, 32, Marwari Bazar
Ruttonsee Ernest & Co —Freight Brokers, Jan Mansion, Sir Phiroz shah Mehta Road, Fort
Sankalchand G Shah & Co —Yarn and Sugar Brokers, Hanuman Building, Tambakanta Pydhownie
Sevantilal & Co —Linseed and Wheat Brokers, Marwari Chamber of Commerce Building 232 234, Kalbadevi Road
SHIVNARAYAN NEMANI —Share and Stock Brokers, 2nd Floor, Aga Khan Building, Dalal Street, Fort, Bombay Phone 31491 & 30791 Grams "ECLAT"
Shroff Cooper & Co —Cotton Brokers, 67, New Stock Exchange Building Apollo Street, Fort
Shroff, P N , & Co —Finance, Exchange & Bullion Brokers, House, 124, Cowasji Patel Street, Fort
Shroff R P & Sons —Share and Stock Brokers, 6, Stock Exchange Building, Dalal Street Fort
SHUTTLEWORTH & BRETT —Exchange Brokers, 21, Ravelin Street, Fort Grams "INGOT" Phone Nos 22917 and 30911
Subramanyam, P R , M A —70 A, Stock Exchange Building, Apollo Street, Fort
Suntoomal Ravaldas & Co —Suntoomal Ravaldas Building, Narayan Dhuru Street
Thakordas Soorajlal & Bros —Cotton Brokers, Tanksali Bhuwan, Kalbadevi Road
Thakorlal H Vakil —Share & Stock Broker, 15 *Hamam Street, Fort*
Thariany M S —P O Box No 3101, Bombay 3 Registered Insurance Broker, The Home Insurance Co , Ltd of New York, Bombay

Vandrewalla & Dordi —Share & Stock Brokers, Old Share Bazar Building Apollo Street, Fort
Venilal & Co —Cotton Brokers, Latwa Chawl, Marwari Bazar
Viram Ladha & Co —Cotton Brokers, 228, New Cotton Exchange Building Kalbadevi Road
Vrajlal Thakkar & Co —Exchange, Finance & Bullion Brokers 77, Medows Street, Fort

BRUSH MANUFACTURERS

Adamally Sons, Ltd —277, Nagdevi Street, Bombay 3
Aryan Brush Co Ltd —Lentin Chambers Dalal Street, Fort

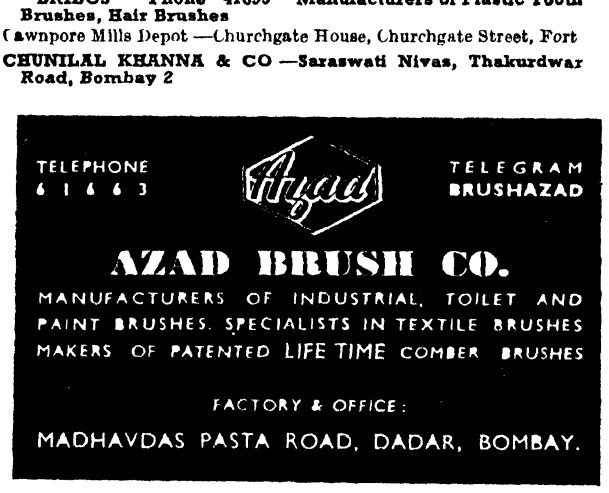


THE ARYAN BRUSH CO. LTD
Indias Pioneer Tooth Brush makers
Works Dadar Office Lentin Chambers, Dalal St Bombay 1

Phone Nos Office 20274 Works 60817 Grams "BRUSHCO"

AZAD BRUSH CO —Manufacturers of Industrial, Textile and Toilet Brushes Madhavdas Pasta Road, Dadar, Bombay 14 Phone 61663 Grams "BRUSHAZAD"
Bajaj & Sons (Bombay) Ltd B S —41 People's Building, Sir Phiroz Shah Mehta Road Fort Bombay

BRIGHT BROS LTD —156A, Tardeo Road, Bombay 7 Grams "BRIBOS" Phone 41699 Manufacturers of Plastic Tooth Brushes, Hair Brushes
Cawnpore Mills Depot —Churchgate House, Churchgate Street, Fort
CHUNILAL KHANNA & CO —Saraswati Nivas, Thakurdwar Road, Bombay 2



Grand Woodworks & Saw Mills —Connaught Cross Road, Ghorupdeo
Great Eastern Trading Co —107, Cawasji Patel Street, Fort
HARDCASTLE & WAUD MANUFACTURING CO, LTD —Alice Building, 339, Dr Dadabhai Naoroji Road, Fort, Bombay 1 Phone 27017 Tel Address "WAUDCO" Manufacturers of Heat Treatment Products, Cutting Coolants, Founding Products, Gaskets, Celorn, Silent Gears, "HAWCO" Paint Brushes and "KLEANWELL" Wire Products, etc
Jai Bharat Brush Co —278, Suparibaug Road, Parel, Bombay 12
Kalapi Store —35 36, Swadeshi Market, Kalbadevi Road, Bombay 2
Mayfair Brush Co —225, Frere Road, Behind G P O, Bombay 1
Motor Colour Co —33, Nagdevi Street, Bombay 3
National Hardware & Stores Supply Co —Post Box 3146, Bombay 3
Rubako Industries —Behramji Mansion Sir Phirozshah Mehta Road, Fort Bombay 1
Shah Trading Corporation —Oomrigar Building, opp Crawford Market, Bombay
Wadhwani & Co —Botawala Building, 7 10, Elphinstone Circle, Fort

BUCKETS, DRUMS AND HOLLOWWARE MANUFACTURERS

Balmer Lawrie & Co, Ltd —5 Graham Road, Ballard Estate, Fort
Great Western Engineering Works — Sea View, 1st Pasta Lane, Colaba, Bombay 5
HASSAMBHOY JETHA —Opp Byculla Goods Depot, Parel Road, Bombay 27 Phones 73591 & 73592 Grams "IRONCASKS"
National Hardware & Stores Supply Co —Post Box 3146 Bombay 3
Vaziralli Limited —Prospect Chambers, Hornby Road, Fort

BUILDERS AND CONTRACTORS

Abdulhusein Esoofally Contractor —91 93, Bapu Khote Street, Bombay 3
Ahmed Noormohmed Chunawala & Co —338, Ghodbunder Road, Andheri
Allied Construction Co, Ltd —Panalal Bansilal Mansion, 24 B Hamam Street, Fort
Asian Trades & Industries —Post Box 3113, Bombay 3
Bamboat, B, & Co —56, Gowalia Tank Road Bombay 26
Concrete Construction & Engineering Co, Ltd —Churchgate House, Churchgate Street, Fort
DECCAN CONSTRUCTION CO —232, Hornby Road, Fort Phone 22328
Doctor Shah & Co —Swadeshi Mills Estate, Bombay 4
Fabricated Steel & Construction Co, Ltd —Panalal Bansilal Mansion 24 B, Hamam Street, Fort
Gagrat & Co —160, Nagdevi Street, Bombay
Gammon, Ltd, J C —Hamilton House, Graham Road, Ballard Estate, Fort
Gannon Dunkerley & Co, Ltd —Chartered Bank Building, Mahatma Gandhi Road Fort
GHANSHAM & CO.—Engineers, Builders & Contractors, 18, Court House, 2nd Floor Dhobitalao, Bombay 2 Phone 22438
Hindustan Construction Co, Ltd —Construction House, Ballard Estate Bombay
JILKAR, M R, & CO —34-38, Hamam Street, Fort Phone 30557
KANJI GOVIND KERSON —Managing Proprietor The Kalyan Electric Supply Co Ltd, K R K Manse, Murbad Road, Kalyan Phone No 1 Kalyan and No 22914 Bombay
Karachi Engineering Co —People's Building, Sir Phirozshah Mehta Road Fort, Bombay
KHANNA & CO, S —Mustafa Building, Sir Phirozshah Mehta Road, Fort Grams "CRETECO," Bombay Phone 25462 Engineers, Government & Railway Contractors
Lallubhai & Co —Prospect Chambers Annexe Hornby Road, Fort
LAXMI CONSTRUCTION & TRADING CO, LTD —Civil Engineers and Contractors, 4th Floor, Laxmi Building, Ballard Road, Fort Agents for Kuikform, Ltd, all sorts of Steel Scaffolding and Centring Equipment, Steel Welded Fabric, Hard Boards & Insulating Boards, Leather Belting, etc Phone 22821
LEVKA LIMITED —Civil Engineers, Builders & Contractors Office 16, Sleater Road, Bombay 7 Tel 41955
McKenzies Ltd —Sewri
Mistry Ebrahim Suleman & Co - 116 Ismail Curtay Road Bombay 3
Modern Housing & Building Trust —Lady Hardinge Road, Matunga (Western Rly)
Motichand Construction Co, Ltd —United India Building, Sir Phiroz shah Mehta Road, Fort
Narendrasingh Construction Co, Ltd —Cliffiet, 33, Pochkhanawala Road Worli Bombay
Narayan Vithal Sajana, Dewan Bahadur, J P —Lohar Chawl
National Hardware & Stores Supply Co —Post Box 3146, Bombay 3
New Era Construction & Transport Co, Ltd —Advani Chambers, Sir Phirozshah Mehta Road Fort
Orient Construction —Bell Building, 6, Sir Phirozshah Mehta Road, Fort
Pallonji Edulee & Son —25, New Charni Road Bombay 4
Premier Construction Co, Ltd —Construction House, Ballard Estate, Fort, Bombay
R. D Sharma & Co —14, Moreshwar Building, Napoo Road, Matunga, Bombay 19

Shah & Mehta —72nd Carpenter Street, Bombay 4
Shapoorji Pallonji & Co —70, Medows Street, Fort
Simplex Concrete Works & Construction Co —" La Citadelle ", 82, Queen's Road
Simpson, D R , & Co —Gamdevi Road, Grant Road, Bombay 7
Tejoo Kaya & Co —Tejoo Kaya Park, Vincent Road, Matunga, Bombay 19
TIMBER WOOD SYNDICATE —All kinds of Timber, Bullies, Mundas, Rafters, Bamboos, etc , obtained direct from forests under own contracts available in big stock Head Office Ghodbunder Road, Andheri, Bombay Phone 86673 Branch. Husain Lakda Bazar, Bellasis Road, Bombay 8
United Construction Corporation —Shrinivas House, 3rd Floor, Waudby Road Fort
Victoria Sanitary Stores —54, 3rd Bhoiwada, Bhuleshwar, Bombay 2

BUILDING MATERIALS

Arco Steels —Prospect Chambers Annexe, Hornby Road, Fort
Chandulal Narandas —96, Kika Street Bombay 4
Heatly and Gresham Ltd —9, Forbes Street, Fort, Bombay
Kanakia Corporation —163 Nagdevi Cross Lane, Bombay 3
Karachi Engineering Co —People s Building, Sir Phirozshah Mehta Road, Fort, Bombay
LAXMI CONSTRUCTION & TRADING CO , LTD —Civil Engineers and Contractors, 4th Floor, Laxmi Building, Ballard Road, Fort, Agents for Kulkform, Ltd , all sorts of Steel Scaffolding and Centring Equipment, Steel Welded Fabric, Hard Boards and Insulating Boards, Leather Belting, etc Phone 22821
Mousell & Company Ltd Lotus House Marine Lines Bombay 1
NAGDEVI TOOL-STEEL MART —186-88, Nagdevi Street, Bombay 3
NEW INDIA MOSAIC AND MARBLE CO , LTD —Brabourne Stadium (North), Churchgate, Fort, Bombay 1 Manufacturers of 'NIMMCO' Plain Cement, Marble Mosaic Flooring Tiles in wide range of quality and Colours, Pietra (Terrazzo) Tiles, Chequered Tiles and Steps for heavy duty, Pre casted Marble Mosaic Slabs, Situ Work, Artistic Articles in Marble Mosaic, etc Factory Industrial Estates, Lalbaug, Bombay 12 Grams "NIMMCOTILE" Phone 41773
Phoenix Plywood Depot —Prospect Chambers Annexe, Hornby Road, Fort
P Ratilal & Co —43 Dhanji Street Bombay 3
Ramsan Traders —Post Box No 3162, Nagdevi Street, Bombay 8
Zenith Iron Works — 46, Abdul Rehman Street, Bombay 3

BULLION

Begraj Gupta —207, Kalbadevi Road, Bombay 2
C MEHTA & CO —Tankshali Bhuvan, 1st Floor, 191, Kalbadevi Road, Bombay 2 Phone 28891 Grams "CIMEHCO"
Hemchand Mohanlal & Co —Deoki Bhuwan, Dhanji Street, Bombay 3
Khimji Poonja & Co —Wadia Building, 17/19, Dalal Street Fort
Marwanjee Bomanjee Dalal 45 47, Apollo Street Fort, Bombay
Motilal Vibhukhandas —100, Shaikh Memon Street, Bombay 2
Pyarelal Gupta & Co —207 Kalbadevi Road Bombay 2
Ramsarup Gupta & Co —705, Cotton Exchange, Kalbadevi Road, Bombay 2

BULLION SMELTERS & SHEETS MAKERS

Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road Fort and Sathaa Hall Nesbit Road Mazagaon Bombay 10 Suppliers of Furnaces, Pyrometers and Instruments for
DOSABHAI RUSTOMJI CHOKSI & CO —20, 1st Agiary Lane, Khara Kuva, Zaveri Bazar, Bombay Gold and Silver Melters and Sheets Makers

BUYERS AND SELLERS

Allabux, M & Co —110 112, Cawasji Patel Street, Fort
Bajaj Brothers Ltd —Round Building, Kalbadevi
Gulam Rasul Allahbux —1 B Bachooali House, Nowroji Hill Road No 1, Bombay No 9
HASSAMBHOY JETHA —Opp Byculla Goods Depot, Parel Road, Bombay 27 Phones : 73591 & 73592 Grams "IRONCASKS"
Mullick M A , & Co 91 Mahomedally Road P O Box No 3003, Bombay 3
Reliance Trading Co —Vithal Sayana Building, Lohar Street, Bombay 2
Sethy, M , & Co —29, Ismail Building, 351, Hornby Road, Fort.

CALENDAR MANUFACTURERS

Bombay Calendar Co —44, Cawasji Patel Street, Fort
Excel Process Works —Manufacturers of Advertising Metal Calendars and Novelties, opp 'Excel House", Ghodbunder Road, Irla, Vile Parla, Bombay 24
RYLAND PAPER BOX MANUFACTURING CO —(Box Manufacturers and Printers), Lakahmi Building, 34, Cawasji Patel Street, Fort, Bombay 1 Factory at Timberware Compound, near Paradise Talkies, Lady Jamshedji Road, Mahim Phone 62520 Manufacturers of Cardboards, Cartons and Fancy Boxes, Labels, Wrappers and Packing Materials
Taj Printing Works —46 A, Cawasji Patel Street, Fort

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★ FANS
★ SHOW CARDS
★ POSTERS
★ LABELS
★ BOXES
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Phone No. 72293. BOMBAY 4.

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Bhavanidas Gangadas & Co —233/35, Samuel Street, Vadgadi, Bombay 3
Jaikumar & Co —Prospect Chambers Annexe, 317/321, Hornby Road, Fort
KANTILAL SANGHVI & CO —Mherwan Building, Sir Phirozshah Mehta Road, Fort Phones 34261, 28185 Grams "EXPIM"

CANE AND CANE BASKETS

Asian Trades & Industries —Post Box 3113, Bombay 3
Blascheck, H , & Co —Dadyseth House, 44, Cawasji Patel Street, Fort
Great Eastern Trading Co —107, Cawasji Patel Street, Fort
Greentose Corporation (India) —Cama Buildings, 24 26, Dalal Street, Fort
National Hardware & Stores Supply Co —Post Box 3146, Bombay 3
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Madhu Canning Co , Ltd —Dadar, Bombay 14
PURE PRODUCTS & MADHU CANNING LTD —Fruit Canners and Manufacturers of Jams, Jelly, Marmalades, Pickles, Squashes, Chocolates & Confectionery Suppliers to the Defence Service Kodak House (3rd Floor), Hornby Road, Fort, Bombay 1 P O Box No 270 Phones 32078-32079 (2 Lines) Grams "PUPRO" Factory Dr Annie Besant Road, Worli Phone 74351.
Victory Food Canners Ltd —Albert Building, Hornby Road, Fort

CANNING EQUIPMENT

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CANTEEN STORES SUPPLIERS

ABDEALLY, B M , & CO —127, Sarang Street, Bombay 3 Phone : 31790

Fruit Farm Products —Byramji Mansions, Sir Phirozshah Mehta Road, Fort

Mahomed Husain & Bros —106, Kansara Chawl, Kalbadevi, Bombay 2

Salemahomed Padamsee & Co —141, Chakla Street, Bombay 3

Smith Stanistreet & Co , Ltd —Stan House, Barrack Road, Fort, Bombay 1

Vaziralli, Ltd —Prospect Chambers, Hornby Road, Fort

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Bombay Trading Co —Dhun Nur, Sir Phirozshah Mehta Road, Fort

Eastern Bunkerers, Ltd —Scindia House, Dougall Road, Ballard Estate, Fort

Esoofally Mahomedally & Co —102 104, Bhusari Moholla Bombay 3

General Import Co (India) —Heera Building, 1st Floor, Carnac Road, Bombay 2

Sirdar Carbonic Gas Co , Ltd —Connaught Road, Mazagaon

CARGO SUPERINTENDENTS

L DEWAN & SON —Jan Mansion, Sir Phirozshah Mehta Road, Fort Phone : 31469 Cable "RAILCUMSEA"

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Checker Brothers —Coronation Building, Gunbow Street, Fort

Eastern Afghan Traders —85, People s Building, Sir Phirozshah Mehta Road, Fort

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Evans Fraser & Co —The Fort House, Hornby Road, Fort

Hassaram, K , & Co —New Silk Bazar, Kalbadevi, Bombay 2

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INDIAN ARTS EMPORIUM —Bombay Mutual Annexe, 2-C, Cawasji Patel Street, P O Box No 1716, Fort, Bombay

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Modern Indian Art Crafts —Sambava Chambers, Sir Phirozshah Mehta Road, Fort

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Teheran Carpet House —Bode House, Ormiston Road, Apollo Bunder, Bombay

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Hardcastle, Waud & Co , Ltd —Alice Buildings, Hornby Road Fort

Kantilal Sanghvi & Co —Mherwan Building, Sir Phirozshah Mehta Road, Bombay

Smith-Stanistreet & Co , Ltd —Stan House, Barrack Road, Fort

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Latham Abercrombie & Co , Ltd —Forbes Building, Home Street, Fort

Polson, Ltd —Jn of Belvedere & Dockyard Roads, Bombay 10

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Fruit Farm Products Co —Byramji Mansion, Sir Phirozshah Mehta Road, Fort

Mongini Limited —45 47, Churchgate Street, Fort

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Pearse & Co —Opposite Imperial Bank, Apollo Street

Pioneer Coffee House —46, Churchgate Street, Fort

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Rabadi, K N , & Sons —19, Ropa Lane, Chandanwadi

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Wayside Inn —38, Rampart Row, Fort

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Chumanlal Patel & Co —174 Hornby Road, Fort
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East India Trading Corporation —418, Sandhurst Road, Bombay
Kanakhawala, N , & Co —77 Medows Street, Fort
Kothari & Sons —20, Noble Chambers, Parsi Bazar Street, Fort
Majid & Co —Karim Building, 56, Mohamedali Road
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Bombay Potteries & Tiles Ltd —United India Building Sir Phiroz shah Mehta Road Fort
Hardcastle, Waud & Co Ltd —Alice Building Hornby Road, Fort
K Gagabhai & Sons —S 10 Green Street Fort
P B Shah & Co , Ltd —58, Lohar Chawl, Bombay 2

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Associated Cement Companies, Ltd —Opp Churchgate Station, Fort
Balmer Lawrie & Co Ltd —8 Graham Road Ballard Estate Fort
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Gannon Dunkerley & Co , Ltd —Chartered Bank Building, Mahatma Gandhi Road Fort
Jacks William & Co , Ltd —Hamilton House, Graham Road, Ballard Estate, Fort
Lawrie & Co Ltd — 16 Horniman Circle, Fort Bombay 1
McKenzies, Ltd —Sewri
Modern Concrete Art Industries —17 19, Dalal Street, Fort
Raval & Co —21, Bank Street, Fort
Shah & Mehta —7, Second Carpenter Street, Bombay 4
Simplex Concrete Works & Construction Co — "La Citadelle" 32, Queen s Road
Tata Sons, Limited — Bombay House, 24, Bruce Street, Fort

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Larsen & Toubro Ltd —J K Building, Dougall Road, Ballard Estate, Fort
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Techno Industrial Co —107, Sir Vithaldas Chambers, 16, Apollo Street, Fort
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Din Products Ltd —219 Frere Road opp G P O Fort
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Pioneer Chromate Works —Shreenivas House, Outram Road, Fort
Pioneer Magnesia Works Ltd of Bombay & Khatinghoda — Chartered Bank Building Fort
Sanito Pharma Chemical Laboratories —Post Box No 6707, Bombay 21
Stewart's Laboratories —327, Hornby Road, Fort
Todi & Co —Importers & Exporters, 41, Hamam Street, Fort, Bombay
Vika Chemical Works The Works Bhavani Shankar Road Dadar, Bombay 14
Western Chemical Industries —Goregaon (East), Post Malad, Bombay
West India Chemical Ltd —Shale Building, Bank Street Fort
Wilson Medicine Co —Kitab Mahal, Hornby Road, Fort
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Allwyns Ltd —92, Ardeshir Dady Street, Vithalbhai Patel Road, Bombay 4
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Arvinda Bros —165, Vithalbhai Patel Road, Bombay 4

Arvinda Trading Co , Ltd —105, Apollo Street, Fort

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Continental Trading Syndicate —28, Apollo Street, Fort

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Dandekar & Co —Mehrwan Building, Sir Phirozshah Mehta Road, Fort

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Indian Commercial Co , Ltd —45 47, Apollo Street, Fort, Bombay

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Krishnanath Balkrishna & Co —Vadgadi Mandvi

Kroz & Co —Podar Chambers, Parsi Bazar Street Fort

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Manroe Corporation —Beaumon Chambers, Medows Street, Fort

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Mulraj G Dungarsey & Co, Ltd —21, Forbes Street, Fort, Bombay 1

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Sandoz Products Ltd —3, Wittet Road, Ballard Estate, Fort

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Sind High Class Colour Mart —12, Shree Ram Market, Vadgadi, Bombay 3
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Bole Bros —49, Princess Street
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Bombay Surgico Medical Agency, Ltd —P O Box 2093, Bharucha Building, Princess Street
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Chimanlal N , & Co —Shroff Mansion, Princess Street
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Hira, P H , & Co —18 20, Princess Street
Hughes & Davies —101, Mahatma Gandhi Road, Fort
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Jiva Kuka & Co —Princess Street
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Royal Chemists —Queen s Chambers, Queen s Road
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Rustomji Nowroji Bapasola —62, Forbes Street, Fort
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Vinchhi Bros & Co —Old Small Causes Court Building, Princess Street
Vora, B P, & Co —126, Princess Street
Vora Bros —218, Princess Street
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Bombay Talkies Ltd —Readymoney Mansion, Vir Nariman Street
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Bilaney, M M , M Sc (Engr) (Lond), A M I E —Medows House, 39, Medows Street, Fort

Engineering Construction Corporation, Ltd —Sorab Mansion, 35, Murzban Road, Fort

Engineering Survey Corporation —Industrial Assurance Building, Churchgate Reclamation

Excellent Engineering Co —11, Botawalla Building, Elphinstone Circle, Fort

Gammon, J C Ltd —Hamilton House, Graham Road, Ballard Estate Phone 32834, Grams 'GAMMON"

G G E —Bell Building, Sir Phirozshah Mehta Road, Bombay

Larsen & Toubro Ltd —J K Building, Dougall Road, Ballard Estate, Fort

Masvy & Co , Ltd —388-94, Sheikh Memon Street, Bombay 2

Murdoch-Smith & Co , C M —23, Waudby Road, Fort.

Pans & Co —105, Apollo Street, Fort, Bombay

Parekh Brothers Ltd —65, Mahatma Gandhi Road, Fort

Royce Ltd —Dhan Nur, Sir Phirozshah Mehta Road, Fort

Salem & Company —31, Murzban Road, Fort, Bombay

Universal Trading & Chemical Works —Post Box No 805, Bombay 1. On Government, Army & Navy Lists.

Western Manufacturing Co —Hassan Chambers, Parsee Bazar Street, Fort

COPPERSMITHS, PLUMBERS, GASFITTERS, ETC.

Abdeally, B M , & Co —127, Sarang Street, Bombay No 3

Abdulhusein Esoofaly Contractor —91-93, Bapu Khote Street, Bombay 3

Adamally Sons, Ltd —277, Nagdevi Street, Bombay 3

A G Karimji Calcuttawala —82/84, Gulalwadi, Kika Street, Bombay 4 Phone 73636

Alcock, Ashdown & Co , Ltd —16, Bank Street, Fort

B Bamboat & Co —56, Gowalia Tank Road, Bombay 26

Bhaichandra & Co —62, C P Tank Road

Bhathena, B N , & Co —100, Nagdevi Street

Bombay Gas Co , Ltd —Empire of India Life Building, 214, Hornby Road, Fort

Burjor Framji & Co —Marine Mansion, Marine Lines

Chandulal Narandas —96, Kika Street, Bombay 4

Chandulal Vora & Co —Near Shree Ram Mandir, 61, Kika Street, Gulalwadi

Cooverjee Hormusji & Sons —598, Chira Bazar, Girgaum Road.

Esoofally Dawoodbhoy —18, Doctor Street, Dhanwadi Moholla.

Esufally Adamji & Co —134, Nagdevi Street.

Fidaali Rajabali —165, Hill Road, Bandra

Fidahusein Hasanali —46-48, Gulalwadi, Kika Street, Bombay 4

Gagrat & Co —160, Nagdevi Street

Gannon Dunkerley & Co , Ltd —Chartered Bank Building, Mahatma Gandhi Road, Fort

Garlick & Co —Haines Road, Jacob Circle

Hindustan Engineering Services —Vithal Sayana Building No 1, Lohar Street, Bombay 2

Jafferjee Hussonally & Sons —68, Nagdevi Street

K CHIMANLAL & CO —107-A, Nagdevi Street, Bombay 3

Mazagon Mechanical Marine & Welding Works —Dockyard Road, Mazagon, Bombay 10

Marker, S D , & Co Ltd —381, Hornby Road, Fort, Bombay

Mohomedbhoy Esoofally Nulwalla —78, Bapu Khote Street, near Null Bazar

Nanalal Pandya & Co —302, Angrewada, Kalbadevi Road

Pathare & Co , Y M —41, Medows Street, Fort

Pawar & Co , B —Near Madhav Baug, 102, Ardeshir Dady Street

Press, Cawasji Dinshaw —Hamal Wadi, Dhobi Talao, Bombay 2

Richardson & Cruddas —Byculla Iron Works, Byculla

Sanitation (Bombay) Ltd —Navsari Chambers, Outram Road, Fort

Universal Sanitary Engineering Co —Kitab Mahal, 190/192, Hornby Road, Fort

Victoria Sanitary Stores —54, 3rd Bhoiwada, Bhuleshwar, Bombay 2

Vidya Sanitary Works —16-24, Lohar Street, Bombay 2

COTTON CONTROLLERS

Banwarilal & Co , Ltd —Queen's Mansion, Bastion Road, Fort.

DRENNAN & CO —Neville House, Ballard Estate Phone No. 21027 Grams : "ALABASTER"

MEHTA RAMKRISHNA & CO —Khandelwal Bhavan, 166 Dr Dadabhai Naoroji Road, Fort Phone 21388 Grams "AMARKAY"

ROBERTSON & SON, EDWARD T —Lakshmi Building, Sir Phirozshah Mehta Road, Fort

COTTON IMPORTERS & EXPORTERS

C MEHTA & CO —Cotton Merchants and Commission Agents, Ready and Forward, Tankshali Bhuvan, 191, Kalbadevi Road, Bombay 2 Cable Address "CIMEHCO"—Bombay Phone Nos 28891 and 28879 Codes : Bentleys Both Editions, A B C 5th Edition and Meyer's 39th Edition

Damji Rattansi & Co —Podar Chambers, Parsi Bazar Street, Fort

Hindustan Import & Export Corpn Ltd —Albert Building, Hornby Road, Fort

Italindia Cotton Co , Ltd —71-73, Apollo Street, Fort

Jeramdas Naumal —371, Hornby Road, Fort, Bombay

Patel Cotton Company Ltd —6, Vir Nariman Road Fort

Raw Cotton Co Ltd —111, Mahatma Gandhi Road, Fort

COTTON MERCHANTS

Ahmed Abdul Karim Bros Ltd —Karim Building, Mohamedali Road, Bombay 3

Ambee (India) Ltd.—Kitab Mahal, 2nd Floor, Hornby Road, Fort, Bombay.

Ashar & Co , P K —Govind Chowk, Mulji Jetha Market, Bombay 2

Ashar, R D —10, Bruce Street, Fort

Asian Trading Corpn —P. O Box 1505, 20, Mangesh Street, Bombay 1

Bajaj Brothers, Ltd —Round Building, Kalbadevi Road

Begraj Kishandev —207, Kalbadevi Road, Bombay 2

Bhaidas Cursondas & Co —Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay

BHAIDAS MAWJI & CO , LTD.—Khandelwal Bhavan, Hornby Road, Fort. Cotton Merchants, Exporters & Importers. Phone 25731 Grams. "BAMAW"

Bombay Co Ltd.—9, Wallace Street, Fort

Brady, W H , & Co , Ltd —Royal Insurance Building, Churchgate Street, Fort.

Cotton & Cloth Ltd.—27, Bastion Road, Fort.

Cotton Export & Import Ltd —Oriental Building, Mahatma Gandhi Road, Fort

Cotton & General Produce Agency —Sassoon Building, 14, Mahatma Gandhi Road, Fort

Damji Rattansi & Co —Poddar Chambers, Parsi Bazar Street, Fort

Dwarkadas & Sons, Ltd —Mehta House, 89, Apollo Street, Fort

Gannon Dunkerley & Co , Ltd —Chartered Bank Building, Mahatma Gandhi Road, Fort

Goel Bros , & Co , Ltd —Navsari Chambers, Fort

Husein Mussa Virjee & Co —Sheriff Hassam Building, Khoja Mohoila, Bombay 9

India Corporation Ltd —71 73, Apollo Street, Fort, Bombay

INTERNATIONAL COTTON CORPORATION, LTD —7-10, Elphinstone Circle, Botawalla Building, Fort, Bombay Grams : "INTERCOTCO" Phone 33866 Importers and Exporters of Cotton

Italindia Cotton Co , Ltd —71/73, Apollo Street, Fort Bombay

Jagkumar & Co —Prospect Chambers Annexe, 317 321, Hornby Road, Fort

Jehangir J M Poonjiajee —Byramjee Mansion, Sir Phirozshah Mehta Road, Fort

Jeramdas Naumal —371, Hornby Road, Fort, Bombay.

Laxmi Cotton Traders —10, Bruce Street, Fort, Bombay

Madhavlal, S , & Co —Noble Chambers, Parsi Bazar Street, Fort

Manharlal, K , & Co —19, Chinch Bunder

Mohanlal Motilal —4th Floor, Yusuf Building, Mahatma Gandhi Road, Fort

Mooljee Jaitha & Co —185, Princess Street

Mulraj G Dungarsey & Co , Ltd —21, Forbes Street, Fort, Bombay 1

Narandas Rajaram & Co , Ltd —Navsari Chambers, Outram Road, Fort

Narsee Nagsee & Co —3, Chinch Bunder, Bombay 9

Navnitlal Chunilal Shah — 37, Marwari Bazar, Bombay

Pagnon & Co —Rahimtoola House, Homji Street, Fort

Pan Asiatic Overseas Co , Ltd —Bell Building, Sir Phirozshah Mehta Road, Fort

Parmanand Manekial & Co —Maskati Mahal, Lohar Chawl

Patel Bros —6, Vir Nariman Road, Fort, Bombay

Patel Cotton Co , Ltd —6, Vir Nariman Road, Fort, Bombay

Patel Cotton Co , Ltd , The —New Cotton Depot, Sewree

Pavri, J K —10, Karim Chambers, Hamam Street, Fort

Podar Trading Co Ltd —Podar Chambers, Parsi Bazar Street, Fort

Poddar & Co , A M —32, Rampart Row, Fort

Premchand Trading Ltd —7, Dhanji Street, Bombay 3

Premji Haridas & Co —Bhanushali Chambers, 168, Argyle Road, Bombay 9

Pyarelal Gupta & Co —207, Kalbadevi Road, Bombay 2

Raghavji Kanji & Co —Alli Chambers, Tamarind Lane, Fort

Ramdas Khimji Bros —Warden House, Sir Phirozshah Mehta Road, Fort

Ramkisandas Sagarmal —Kalyan Bhuvan, 354, Kalbadevi

Ramsarup Gupta & Co —705, Cotton Exchange, Kalbadevi Road, Bombay 2

Ratansey K Khona —Noble Chambers, 116, Parsi Bazar Street, Fort, Bombay

Raw Cotton Co Ltd —111, Mahatma Gandhi Road, Fort

Robertson & Son, Edward T —Lakshmi Building, Sir Phirozshah Mehta Road, Fort, P B No 306, Bombay

Rodocanachi & Co —Jiji House, 17, Ravelin Street, Fort

R Popatlal & Co —17, Tara Mansion, opp Rly Station, Bombay 19

Sant Ram & Sons Ltd —77, Medows Street, Fort

Savaldas Madhavdas —Kalbadevi Road, Bombay 2

Sree Krishna Trading Co , Ltd —11, Alli Chambers, Medows Street, Fort

Viram Ladha & Co —288, Dongri Street, Mandvi

Volkart Brothers —19, Graham Road, Ballard Estate

BOMBAY

COTTON MILLS

Apollo Mills, Ltd —Agents, Rajputana Textiles (Agencies) Ltd , DeLisle Road, Chinchpokli Spindles 24,700 and Looms 898

Beharilal Ramcharan Cotton Mills Ltd. (formerly Meyer Mills Ltd) —Agents, Messrs B R Sons, Empire House, Hornby Road, Bombay Mills at Fergusson Road, Lower Parel Spindles 50,828 and Looms 1,021

Bombay Dyeing & Manufacturing Co , Ltd (Spring Mills) —Agents, Nowrosji Wadia & Sons, Ltd , Neville House, Graham Road, Ballard Estate Mills at Naigaum Road, Dadar Spindles 110,136 and Looms 3,224

Bombay Dyeing & Manufacturing Co , Ltd (Textile Mills) —Agents, Nowrosji Wadia & Sons Ltd , Neville House, Graham Road, Ballard Estate Mills at Elphinstone Road, Parel Spindles 71,936 and Looms 1,031

Bradbury Mills, Ltd —Agents, Ramnarain Sons, Ltd , Imperial Bank Annexe, Bank Street, Fort Mills at Ripon Road, Jacob Circle Spindles 38,532 and Looms 860

Century Spinning & Manufacturing Co , Ltd (Century Mill) and Zenith Mill —Queen s Mansion, Prescott Road, Fort Mills at Junction of DeLisle Road and Elphinstone Road Spindles 109,320 and Looms 2,706

Colaba Land & Mill Co , Ltd —Mg Director, Mr V J Pilani Office on Mill premises Mills at Victoria Bunder, Colaba Spindles 28 032 and Looms 698

Colaba Land & Mill Co , Ltd (Jehangir Wadia Mill) —Mg Director, Mr V J Pilani Office on Mill premises Mills at Victoria Bunder, Colaba Spindles 11,376

Coorla Spinning & Weaving Co , Ltd —Secretaries, Treasurers & Agents, Messrs Cowasjee Jehangir & Co , Ltd , 23, Readymoney Mansion, Vir Nariman Road Mills at Coorla Spindles 27,308 and Looms 680

Crown Spinning & Manufacturing Co , Ltd (formerly Dhun Mills) —Secretaries, Treasurers & Agents, Purshotam Vithaldas & Co , Sir Vithaldas Chambers, Apollo Street, Fort Mills at New Parbhadevi Road, Parel Spindles 56,500 and Looms 1,106

Dawn Mills Co , Ltd —Agents, Ramnarain Sons Ltd , Imperial Bank Annexe, Bank Street, Fort Mills at Fergusson Road, Lower Parel Spindles 38,304

Dhanraj Mills, Ltd (formerly Assur Virji Mills, Ltd) —Agents, Ramgopal Ganpatral & Sons, Ltd Office on Mill premises Mills at Sun Mill Road, Lower Parel Spindles 37,060 and Looms 786

Digvijaya Spinning & Weaving Co , Ltd (formerly Dinshaw Petit Mills) —Agents, Jethabhai Khatau & Co , Agencies Ltd Office on Mill premises Mills at Lalbaug, Parel Spindles 45,192 and Looms 1,177

Edward Textiles, Ltd —Agents, Puranmal Radhakishen & Co , Indu House, Dougall Road, Ballard Estate, Fort Mills at Fergusson Road, Lower Parel Spindles 50,296 and Looms 928

Elphinstone Spinning & Weaving Mills Co , Ltd —Agents, Chidambaram Mulraj & Co , Ltd , Kamani Chambers, 32, Nicol Road, Ballard Estate, Bombay Mills at Elphinstone Road, Parel Spindles 44,768 and Looms 886

Finlay Mills, Ltd —Agents, James Finlay & Co , Ltd , Chartered Bank Buildings, Fort Mills at Government Gate Road, Parel Spindles 46 072 and Looms 784

Gold Mohur Mills, Ltd —Agents, James Finlay & Co , Ltd , Chartered Bank Building, Fort Mills at Old Dadar Road, Dadar Spindles 40,232 and Looms 1,020

Hind Mills Ltd (formerly David Mills Co , Ltd) (Mills Nos 1 and 2) —Agents, Hind Agents Ltd , 15, Indu House, Dougall Road, Ballard Estate, Fort Mills at Carroll Road, Parel Spindles 71,608 and Looms 1,259

Hindoostan Spinning & Weaving Mills Co , Ltd —Agents, Thackersey Mooljee & Co , Sir Vithaldas Chambers, Apollo Street, Fort Mills at Ripon Road, Jacob Circle Spindles 45,752 and Looms 1,022

Hirjee Mills, Ltd (formerly Presy Mills Co , Ltd) —Agents, J R Bhadani & Co , Ltd Office on Mill premises Mills at Fergusson Road, Lower Parel Spindles 47,524 and Looms 884

Indian Manufacturing Co , Ltd —Agents, Damodar Thackersey Mulji & Co , Sir Vithaldas Chambers, Apollo Street, Fort Mills at Lamington Road, North, Jacob Circle Spindles 47,172 and Looms 1,191

India United Mills, Ltd , Mill No 1 (formerly Jacob Mill) —Agents, Agarwal & Co , Dougall Road, Ballard Estate, Fort Mills at Suparibaug Road, Parel Spindles 96,760 and Looms 2,228

India United Mills Ltd , Mill No 2 (formerly Alexandra Mill) —Agents, Agarwal & Co , Dougall Road, Ballard Estate, Fort Mills at Ghorupdeo Road, Chinchpoogly Spindles 35,880 and Looms 742

India United Mills Ltd , Mills No 3 (formerly E D Mill) —Agents, Agarwal & Co , Dougall Road, Ballard Estate, Fort Mills at Ghorupdeo Road, Chinchpoogly Spindles 76,450 and Looms 752

India United Mills, Ltd , Mill No 4 (formerly Rachel Mill) (formerly Hongkong Mills) —Agents, Agarwal & Co , Dougall Road, Ballard Estate, Fort Mills at Chinchpoogly Road, Kalachowki Looms 1,872.

India United Mills, Ltd , Mill No 5 (formerly Manchester Mill) — Agents, Agarwal & Co, Dougall Road, Ballard Estate, Fort Mills at Chinchpoogly Cross Lane, Kalachowki Spindles 28,940 and Looms 684

Jam Mfg Co , Ltd , Mill No 1 —Secretaries, Treasurers and Agents, Trikamdas Vandravan & Co Office on Mill premises Mills at Lalbaug, Parel Spindles 30,940 and Looms 910

Jam Mfg Co , Ltd , Mill No 2 (formerly Birla Mills, Ltd No 2) — Secretaries, Treasurers & Agents, Trikamdas Vandravan & Co, Lal Baug, Parel Mills at Sewri Road Spindles (burnt by fire) and Looms 574

Jubilee Mills, Ltd —Secretaries, Treasurers and Agents, Chamanlal Mehta & Co Ltd , Neptune Building, Apollo Street, Fort Mills at New Sewree Road Spindles 34 008 and Looms 748

Kamala Mills, Ltd (formerly Ebrahimbhoy Pabaney Mills) —M L Tapuriah, Esq , Director Office Kilachand Devchand Building, Apollo Street, Fort Mills at Tulsi Pipe Road, off DeLisle Road Spindles 42,864 and Looms 1,055

Khatau Makanji Spinning & Weaving Co , Ltd —Agents, Khatau Makanji & Co , Ltd , Laxmi Buildings, 6, Ballard Pier, Fort Mills at Haines Road, Byculla Spindles 77,404 and Looms 1,517

Kohinoor Mills Co Ltd , Mill Nos 1, 2 & 3 —Agents, Killick Indus tries, Ltd , Killick Building Home Street, Fort Two Mills at Naigaum Cross Road, Dadar, and third at Lady Jamshedji Road, Dadar Spindles 111 464 and Looms 1 846

Modern Mills, Ltd , Mill No 1 (formerly Mysore Spinning & Manu- facturing Co , Ltd No 2) —Agents, N Sirur & Co , Ltd Temple Bar Building, 70, Forbes Street, Fort Mills at Elphinstone Road, Parel Spindles 2 560

Modern Mills, Ltd , Mill No 2 (formerly Bomanji Petit Mills) — Agents, N Sirur & Co , Ltd , Temple Bar Building 70, Forbes Street Mills at Mahaluxmi Spindles 19,944 and Looms 644

Moon Mills, Ltd —Agents, Asiatic Textile Co , Ltd , General Assurance Building, Hornby Road, Fort Mills at Sewree New Road Spindles (burnt by fire) Looms 875

Morarjee Goculdas Spinning & Weaving Co , Ltd —Agents, Messrs Piramal Gongadar Office on Mill premises Mills at Suparibaug Road, Parel Spindles 60 652 and Looms 1 650

New China Mills, Ltd (formerly China Mill) —Managing Director, Navinchandra Mafatlal, 29, Vir Nariman Road, Fort Mills at Sewree Spindles 42,792 and Looms 776

New City of Bombay Manufacturing Co , Ltd —Agents, W H Brady & Co Ltd , Royal Insurance Building 12 14, Vir Nariman Road Fort Mills at Albert Road, Chinchpoogly Spindles 45,944 and Looms 432

New Great Eastern Spinning & Weaving Co , Ltd —Agents, W H Brady & Co Ltd , Royal Insurance Building 12 14, Vir Nariman Road Mills at Victoria Gardens Road, Chinchpoogly Spindles 48 395 and Looms 1 018

New Kaiser-I Hind Spinning & Weaving Co , Ltd —Lala Kailashpat Singhania, Director in Charge, J K Building, Dougall Road, Ballard Estate Bombay Mills at Gorupdeo Road, Chinchpoogly Spindles 54,052 and Looms 1,262

New Prahlad Mills (formerly Planet Mills) —Proprietors, Amrit Banaspati Co , Ltd , East and West Building Apollo Street Fort Mills at Fergusson Road, Lower Parel Spindles 40,848 and Looms 908

New Sun Mill Co Ltd —Karunashankar Punjaram & Bhupatrai Karunashankar, Mg Directors, 64/66, Chuckla Street, Bombay No 3 Mills at Sun Mill Road, Lower Parel (Completely Burnt)

New Union Mills, Ltd —Agents, Mafatlal Chandulal & Co (Bombay), Ltd , 127, Mahatma Gandhi Road, Fort Mills at Lower Parel Spindles 33,720 and Looms 873

Phoenix Mills, Ltd (formerly Britannia Mills)—Agents, Ramnarain Sons, Ltd , Imperial Bank Annexe, Bank Street, Fort Mills at Haines Road, Mahaluxmi Spindles 54 208 and Looms 1,190

Podar Mills, Ltd (formerly Toyo Podar Cotton Mills, Ltd) —Agents, Podar Sons Ltd , Podar Chambers, Parsee Bazar Street Mills at DeLisle Road Spindles 32,600 and Looms 930

Prakash Cotton Mills Ltd (formerly Seksaria Cotton Mill No 2) — Agents, Seksaria Industries Ltd , Seksaria Chambers, 139, Medows Street, Fort Mill at DeLisle Road Spindles 26,024 and Looms 486

Raghuvanshi Mills, Ltd (formerly Kilachand Mills, Ltd) —Agents, Ravindra Maganlal & Co , Ltd Office on Mill premises Mills at Haines Road, Mahaluxmi Spindles 33,160 and Looms 197

Ruby Mills, Ltd (formerly Sorab Mills) —Agents, Chunilal Jeewandas & Co Office 49 55, Apollo Street, Fort Mills at Woollen Mill Gully, Lady Jamshedji Road, Dadar Spindles 20,376 and Looms 430

Sassoon Spinning & Weaving Co , Ltd —Agents, M G Investment Corporation Ltd , 127, Mahatma Gandhi Road, Fort Mills at Mount Estate, Mazagon Spindles 60,240 and Looms 1,254

Seksaria Cotton Mills, Ltd , Mill Nos 1 & 1A (formerly Currimbhoy and Mohamedbhoy Mills) —Agents, Govindram Bros , Ltd , 139, Medows Street, Fort Mills at DeLisle Road Spindles 72,796 and Looms 1,098

Shree Madhav Mills Ltd (formerly Madhavji Dharamsi Mfg Co , Ltd)— Agents, Puranmal Radhakishan & Co , Indu House, Dougall Road, Ballard Estate, mills at Foras Road Spindles 39,112 and Looms 838

Shree Madhusudan Mills —Proprietors, Messrs Hall & Anderson Ltd Resident Directors Seth Sohanlal Jajodia Seth Nandkishore Bajoria Office on Mill premises Mills at Globe Mills Passage, DeLisle Road, Bombay 13 Spindles 61,516 and Looms 1,742

Shree Nivas Cotton Mills, Ltd (formerly Fazulbhoy Mills, Ltd) — Agents, The Marwar Textiles (Agency), Ltd Shreenivas House, Waudby Road Fort, Bombay Mills at DeLisle Road Spindles 66,452 and Looms 1,640

Shree Ram Mills, Ltd (formerly Crescent Mills, Ltd) —Agents, Bhogilal Menghraj & Co , Ltd Office on Mill premises Mills at Worli Spindles 64,140 and Looms 950

Shree Sitaram Mills Ltd (formerly Sir Shapurji Broacha Mills, Ltd) —Mg Agents More & Co Ltd , 15A, Elphinstone Circle, Fort Mills at DeLisle Road Spindles 67,400 and Looms 1,012

Simplex Mills Company, Ltd —Agents Forbes, Forbes Campbell & Co , Ltd , Forbes Building, Home Street, Fort Mills at Clerk Road, Jacob Circle Byculla Spindles 86 116 and Looms 1,276

Standard Mills Co Ltd —Agents, Mafatlal Gagalbhai & Sons, Rustom Building, 29 Veer Nariman Road Fort Mills at Parbhadevi Road, Lower Parel Spindles 53,892 and Looms 1,633

Svadeshi Mills Co , Ltd —Agents Tata Industries, Ltd , Bombay House, 24, Bruce Street, Fort Mills at Kurla Spindles 65,040 and Looms 2,000

Swan Mills, Ltd —Agents James Finlay & Co Ltd , Chartered Bank Buildings, Hornby Road Fort Mills at New Sewree Road Spindles 35 804 and Looms 552

Tata Mills, Ltd —Agents, Tata Industries Ltd , Bombay House, 24, Bruce Street Fort Mills at Dadar Road Spindles 63,248 and Looms 1,800

Victoria Mills Ltd (formerly Satya Mill, Ltd) —Agents Mangaldas Mehta & Co , Ltd Neptune Bldg Apollo Street, Fort Mills at DeLisle Road, Parel Spindles 50 056 and Looms 958

Western India Spinning & Manufacturing Co Ltd —Agents, Thackersey Moolji Sons & Co , Sir Vithaldas Chambers, Apollo Street Fort Mills at Kalachowki Road Chinchpoogly Spindles 45,888 and Looms 1,176

Total 65 Mills , 2 920,509 Spindles , 65 379 Looms

COTTON PIECEGOODS EXPORTERS

Ahmed Abdul Karim Bros , Ltd —Karim Building, Mohamedali Road

Ahmed Ebrahim Bros —88, Chuckla Street, Bombay 3

Allied Exporters —Kumud House, 267, Hornby Road, Fort

Arvinda Trading Co , Ltd —105, Apollo Street Fort

Asian Trading Corporation —P O Box No 1505, 20, Mangesh Street, Fort, Bombay

Askay & Co Ltd —Great Social Building, Sir Phirozshah Mehta Road, Fort, Bombay

Bajaj Brothers Ltd —Round Building, Kalbadevi Road, Bombay 2

Banwarilal & Co Ltd —Queen's Mansion, Bastion Road, Fort

Beardsell, W A , & Co , Ltd —15 16, Sir Phirozshah Mehta Road, Fort

Begraj Gupta & Co —Niru Villa, 387, Linking Road, Khar

Bhagwandas Chatrabhuj & Co —20, Hamam Street, Fort

Bhimjee & Co Ltd —11, Elphinstone Circle, Fort

Blascheck, H , & Co —Opp Hongkong Bank, 44, Cawasji Patel Street, Fort

Bulchand, Co , L —Moos Building, 510, Kalbadevi Road

CAWASJI MANCHERJI KAPADIA & SONS —241-43, Shaikh Memon Street, Post Kalbadevi

Central Machine Tools Agency —43, Nagdevi Cross Lane, Bombay 3

Central Trading Co —81, Cawasji Patel Street, Fort

Chellsons Ltd —Gazder House, Dhobi Talao, Bombay 2

Chimanlal Patel & Co —174, Hornby Road, Fort

Chinoobhai & Bros , Ltd —Churchgate House, Churchgate Street, Fort

Dadlani Silk Store —24, Lansdowne Road, near Regal Cinema, Apollo Bunder

Dawood Hajee Nasser & Co —Maneckla Chambers, 1st Marine Street, Dhobi Talao

Devidas Mulji Kapadia —Yusuf Building, Hornby Road, Fort

Dilaj & Co —20, Hammam Street, Fort

Dinanath Sons —466, Kalbadevi Road, Bombay 2

Dominion Products —Saheb Building, 195, Hornby Road Fort, Bombay 1

D Ram & Co —Krishna Nivas New Silk Bazar, P O Box 2376, Bombay 2 Grams SADHU Sole Prop Dayaram Sadhumal, M A

Dodsal Limited —31 Murzban Road, Fort Bombay

East & West Associates, Ltd —36, Yusuf Building, Churchgate Street, Fort, Bombay

Eastern Import & Export Co , The —Jan Mansion, Sir Phirozshah Mehta Road, Fort

G RAMCHAND —521, Kalbadevi Road, Opp Edward Cinema, P O Box 2341 Phone 34097 Grams "BROADLAND"

Gore & Co —Great Social Building, Sir Phirozshah Mehta Road, Fort

Govias (India) Ltd —Bombay Mutual Building Hornby Road, Fort

Grand Bazar —25 Colaba Causeway, Bombay 1

Gulam Rasul Allahbux —1 B Bachoo Ali House, Nowroji Hill Road No 1 Bombay 9

Haji Ahmed Husan & Co —Topiwala Mansion, Mohamedally Road, Bombay 3

Haneef S M , & Co — Bachooali House, Hajee Bachooali Road, Bombay No 2

Harilal Mamlal & Co —346, Kalbadevi Road Bombay 2

Hassaram K & Co —New Silk Bazar, Kalbadevi Road

Hazarat & Co — People's Building Sir Phirozshah Mehta Road Fort

Himatlal Mamlal & Sons —346 Kalbadevi Road Bombay 2

Hind Trading Co Ali Chambers, 78 80, Tamarind Lane Fort

Hindustan Export & Import Corpn Ltd - Albert Building Hornby Road, Fort

Hoosein, M A , & Bros —Lakshmi Building Sir Phirozshah Mehta Road Fort

H V M MOOSA MOTIWALLA & SONS LTD —91, Mohamedali Road, Rangoonwalla Building, Bombay 3 Exporters of Cotton Piecegoods and Yarn of all kinds of textile goods

India Textile Agencies —Noble Chambers Parsi Bazar Street, Fort

INDIAN ART MUSEUM LTD —Carnac Bridge, Bombay 3 Phone 20726 Grams "INDARTMUSE"

International United Trading Corporation —80 90, Lohar Chawl, Bombay 2

Italindia Cotton Co Ltd —71 73 Apollo Street, Fort

Jamnadas Nanjee Mangrolwalla — 83 85 Bazaar Gate Street, Fort

Jassawala & Co —R M , 105, Apollo House, Apollo Street, Fort

J A Thadani & Co —People's Building, Sir Phirozshah Mehta Road, Fort

JAYANT TRADING CO —Sir Vithaldas Chambers, Apollo Street, Fort Exporters & Importers Phone . 31118 Grams "BEACHWAY"

Jesanglal V Shah —Dwarkesh Gully, 1st Floor, Mulji Jetha Market, Bombay 2

KANTILAL SANGHVI & CO —Mherwan Building, Sir Phirozshah Mehta Road, Fort Phone Nos 34261, 28185 Grams "EXPIM"

Kapadia Trading Co —Botawalla Building, New Silk Bazar, Kalbadevi Road

KESHAVLAL TALAKCHAND —30, Manordas Street, Bazargate, Fort Branches at Ahmedabad, Calcutta, Coimbatore, Madras Associates at London, Manchester, Aden and Addis Ababa.

KIDARNATH KISHANCHAND —106, Medows Street, Fort, Bombay P O Box No 1579 Phone : 34713 Grams "SHURBIR"

Kimatrai & Co , G —New Silk Bazar, Bomanji Master Road, Bombay 2

Kishinchand Chellaram —Guzder House, Dhobi Talao

Kotak & Co —Menkwa Building, Outram Road, Fort

Kotecha & Co —Commissariat Building, 231, Hornby Road, Fort

K Metharam —491 3, Kalbadevi Road

Krishna Corporation (Bombay) Ltd —Nanjee Building, 17 B, Elphinstone Circle, Fort

Majid & Co —Karim Building, 56 Mohamedally Road

Mansukhlal Kantilal & Co —Mulji Jetha Building, 185, Princess Street, Bombay 2

Maskati, A E —Maskati House, Mohamedali Road, Bombay

Mata Lachhmi Company —Husseni Chambers, Nanabhai Lane, Fort

Motiwalla & Sons Ltd , H V M Moosa —91, Mohamedali Road, Rangoonwalla Building, Bombay 3

Mulraj G Dungarsey & Co , Ltd —21, Forbes Street Fort, Bombay 1

Narandas Rajaram & Co , Ltd —Navsari Chambers, Outram Road, Fort

N M Brothers & Co —Shreeji Bhuvan, Lohar Chawl, Post Box No 2163, Bombay

Patell P R , & Co , Ltd —Mherwan Building, Sir Phirozshah Mehta Road Fort

Pavri J K —10, Karim Chambers Hamam Street, Fort

Podar Trading Co , Ltd — Podar Chambers, Parsi Bazar Street, Fort

Poonjaje J M Jehanjir J P —Byramji Mansion Sir Phirozshah Mehta Road, Fort, Bombay

P Prabhulal & Co , Ltd —Whiteaway Laidlaw Building, Hornby Road Fort

Ramdas Khimji Bros —Warden House, Sir Phirozshah Mehta Road, Fort

Ramjee Samjee Virani (India) Ltd —185, Bazargate Street, Fort

Ratansey K Khona —Noble Chambers, 116, Parsi Bazar Street, Fort, Bombay

Ramchand Ambiram Above Govind Chowk M J Market Bombay 2

R M Bulakhidas —Vithaldas Road, Bombay 2

Rowe & Rowe —381, Hornby Road Fort

Sahny Commercial Co —Queen's Mansions, Bastion Road, Fort

Seabee Export Import Co —9, Waudby Road, Fort Phone 34673

Shree Krishna Trading Co , Ltd —11, Alli Chambers, Medows Street Fort

Singham Bros & Co (India) Ltd — P O Box 894, Bell Building, Sir Phirozshah Mehta Road Fort

Steel Brothers & Co , Ltd Allahabad Bank Building, Apollo Street, Fort

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Sudan Trading Corporation —Dhan Nur Sir Phirozshah Mehta Road Fort

S Manubhai & Co —Albert Building, 346, Hornby Road Fort

Tarachand Parsram —Court House, Carnac Road, Bombay 2

TARASINGH HARBINDERSINGH —Kitab Mahal, Hornby Road, Bombay 1 Phone 28356

Tavaria Brothers —Dhan-Nur Sir Phirozshah Mehta Road, Fort

Todi & Co —41 Hamam Street, Fort Bombay

Trading Co , L R —Navsari Chambers, opp Lloyds Bank, Fort

TRANS-UNION COMMERCIAL CORPORATION LTD — Prospect Chambers Annexe, 319, Hornby Road, Fort Grams : "TRANSMETER" Phone 26710

Tulsidas V Patel — Morarji Goculdas Market Kalbadevi Road, Bombay 2

T Vrajlal & Co —16, Bell Building, Sir Phirozshah Mehta Road, Fort

Utoomal & Assudamal Co —Bombay Mutual Annexe, Gunbow Street, Fort

Valibhai Kumruddin —101 Abdul Rehman Street, Bombay 3

Velji Kalidas & Sons —90 92, Khand Bazar, Mandvi, Bombay 3

Vimals —106, Medows Street, Fort

Yacoob Ahmed Brothers (ESTD 1895) —Topiwalla Mansion, Mohamedali Road

Y K Sampat & Co —382 84, Katha Bazar, Bombay 9

Yarn Trading Co —95, Tamba Kanta, Bombay

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Askay & Co Ltd —Great Social Building, Sir Phirozshah Mehta Road, Fort, Bombay

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Bachhraj & Co , Ltd —Jehangir Wadia Building, 51, Mahatma Gandhi Road, Fort
Bhaidas Cursondas & Co —Sir Vithaldas Chambers, 16, Apollo Street, Fort
Bhaidas Mawji & Co , Ltd —Neptune Building, 166, Hornby Road, Fort
Bombay Co , Ltd —9, Wallace Street, Fort
Bombay Import & Export Agency —Cama House, opp Lloyds Bank, Hornby Road, Fort
Breul & Co —Taj Building, Hornby Road, Fort
Champaklal R Sheth —Khetwadi 9th Lane, Bombay 4
Chimanlal Mohanlal & Co —Hanuman Building, Tamba Kanta, Pydhownie
Chinubhai Madhowlal & Co —Noble Chambers, Parsi Bazar Street, Fort
Drennan & Co —Neville House, Currimbhoy Road, Ballard Estate
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Gannon Dunkerley & Co , Ltd —Chartered Bank Building, Mahatma Gandhi Road, Fort
Gill & Co —L D Sassoon Building, Dougall Road Ballard Estate
Goculdass Dossa & Co —55, Apollo Street, Fort
Greaves Cotton Co , Ltd —1, Forbes Street, Fort
Haji Jiva Haji Khamisa & Co —119 139, Tamba Kanta, Mumbadevi Road
Hanaraj Harji & Sons —118, Kansara Chawl
Hirji Nensey & Co —Horniman Circle, Fort
Jassawalla, R M , & Co —105, Apollo Street, Fort
Jaybharat Yarn Trading Co —77, Tamba Kanta, Bombay 3
Javkumar & Co —Prospect Chambers Annexe, 317/321, Hornby Road, Fort
Kanji Shivji & Co —Cotton Exchange, Sewree
Khimji Visram & Sons —Kitab Mahal, Hornby Road, Fort
Kilachand Devchand & Co , Ltd —45/47, Apollo Street, Fort
Kishinchand Chellaram —Guzdar House, Dhobi Talao
Kooverjee V Curumsey & Co —Lentin Chambers, Dalal Street, Fort
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Louis Dreyfus & Co —Nicol Road Ballard Estate
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Majid & Co —Karim Building, 56, Mahomedally Road
Motabhoy Gulabdas & Co —Mubarak Manzil, 104, Apollo Street, Fort
Nanji V Dossa & Co —Jan Mansion, Sir Phirozshah Mehta Road
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Pan India Overseas Co —Gandhi Mansion, New Silk Bazar, Bombay 2 Phone 33686 Grams 'Plusultra' Exporters of Cotton Yarn of all Counts & Types to various markets
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Pavri Sons & Co —95 97, Bazargate Street , Fort
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Sarabhai & Sons —Prospect Chambers, Hornby Road, Fort
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Suleman & Co , Ltd —27, Kolsa Mohoila
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Arvinda Trading Co —105, Apollo Street, Fort
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Asian Trading Corporation —P O Box No 1505, 20, Mangesh Street, Fort, Bombay
Bajaj Brothers Ltd —Round Building, Kalbadevi Road, Bombay 2
Brady, W H & Co , Ltd —Churchgate Street, Fort
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International United Trading Corporation —80 90, Lohar Chawl
Jashwantlal Maneklal & Co —40 Churchgate Street, Fort
Jehangir J M Poonjiajee —Sir Phirozshah Mehta Road, Fort
Kotecha & Co — Commissariat Building, 231, Hornby Road, Fort
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Velji Kalidas & Sons —90 92, Khand Bazar, Mandvi, Bombay 3

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C Abdul Rahim & Co —151, Chuckla Street
Caprihans (India) Ltd —Janmabhoomi Chambers, Fort Street,
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Evans Fraser & Co (India) Ltd —Fort House, Hornby Road, Fort
Express Corporation —Sir Phirozshah Mehta Road, Fort
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Moosa Omer & Co —Junction of Mahomedally Road & Carnac Road,
Natwar Trading Co —395, Kalbadevi Road, Bombay 2
Saify Glass Palace —Ebrahim Building, Mohamedally Road
Shivji, K S , & Co —144/146, Chakla Street, Bombay 3
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United Glass Works —111, Bhandari Chakla Street, Bombay 3
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Japanese Museum, The —22 B, Apollo Street, Fort
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Maganlal N Maniar —63 3rd Bholwada, Bombay 2
M Dhaidas & Sons —190, Princess Street
Pohoomull Bros (India) —Bomanji Master Road, Bombay 2
Pursram, U N —Standard Building, 336, Hornby Road, Fort
Salemahomed Padamsee & Co —141, Chukla Street, Bombay 3
Sharda Stores —104 106, Swadeshi Market, Kalbadevi Road
Singham Bros & Co (India) Ltd —P O Box 894, Bell Building, Sir Phirozshah Mehta Road, Fort
Sobhagya Kankan Store —27/A, Swadeshi Market, Kalbadevi Road
Wadhwaney Bros (India) —172/74, Hornby Road, Fort

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Bhatnagar, K B L —Kumud House, 267, Hornby Road, Fort
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Dawood Hajee Nasser & Co —1st Marine Street, Dhobi Talao
Devidas Nandlal & Co —241, Abdul Rehman Street, Bombay 3
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Gulam Rasul Allahbux —1-B, Bachooali House, Bombay 9
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Haji Ahmed Mohamed & Co —219, Cutlery Bazar
Hamir Jamal & Co —Showroom 14/16, Lohar Chawl, Bombay 2.
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Manseta, N, & Bros —165, Lohar Chawl, Fort
Mansukhlal Kantilal & Co —185, Mulji Jetha Building, Princess Street
Matani Bros —84, Mohamedali Road, Bombay 3
Mohamedally Abdullaly —75 77, Bhusari Moholla, Bombay 3
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P S Taranath —P O Box No 1444, Bombay 1
Salemahomed Padamsee & Co —141, Chukla Street, Bombay 3
Sanghani & Co —178-80, Abdul Rehman Street
S G Kothari & Co —88-90, Abdul Rehman Street, Bombay 3
Shaikh & Co —94, Ali Umar Street, Bombay 3
Shivji, K S, & Co —144-46, Sheriff Devji Street, Bombay 3
SORABJI NOWROJI & CO —16, Horniman Circle, Fort, Bombay
Vasi Bros & Co —Topiwalla Mansion, Mahomedally Road, Bombay 3
Vir Brothers —43, Dhanji Street, Bombay 3
Yacoob Ahmed Brothers —Topiwalla Mansion, Mahomedally Road

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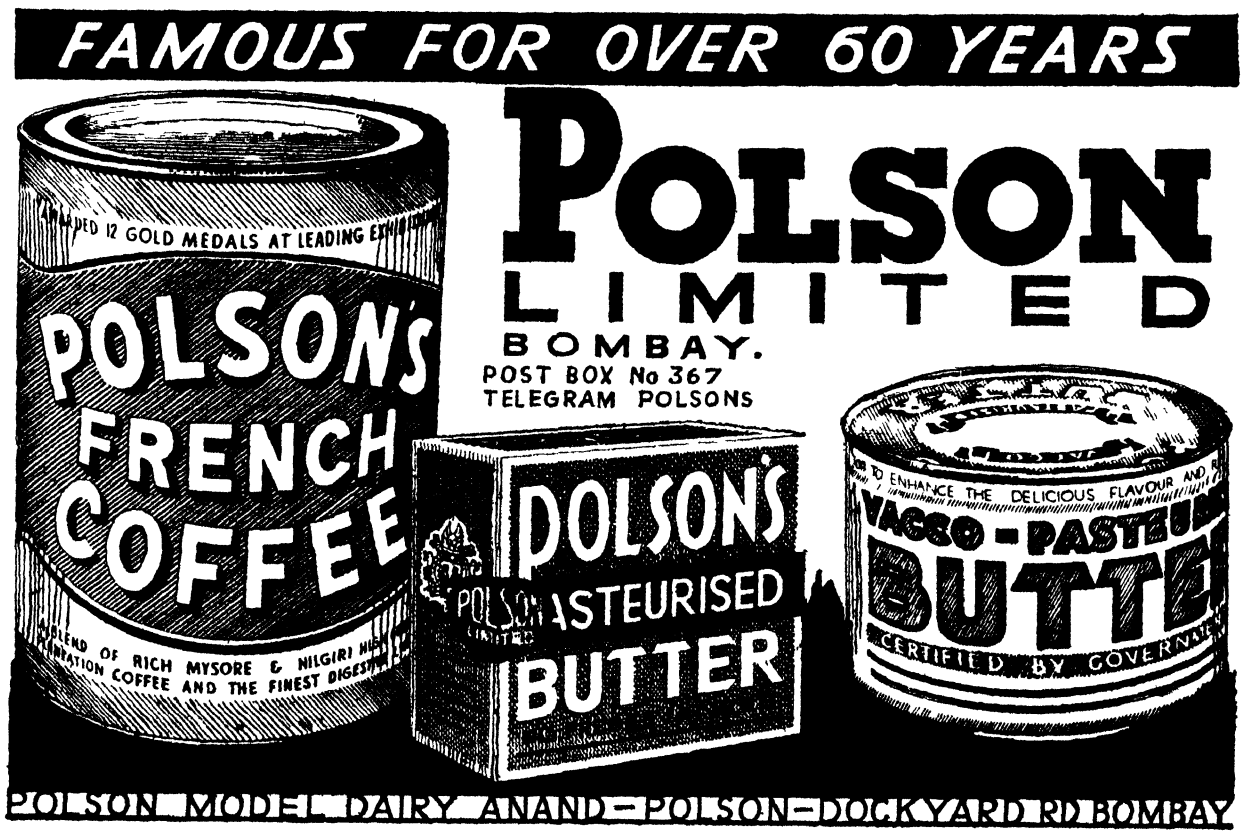

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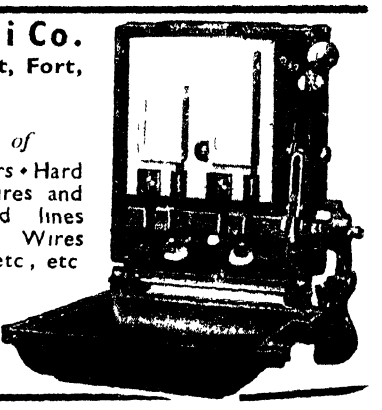

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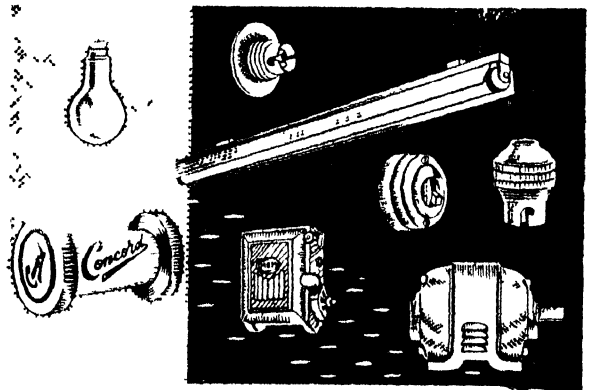

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Currimbhoy, L , & Co —156 Chuckla Street, Bombay 3 Grams "Cupsaucer" Phone 24890 Glassware, Crockery, Enamelware, Cutlery, Lampware dealers
Gulam Rasul Allahbux —1/B, Bachooali House, Nowroji Hill Road No 1, Bombay 9
Hindustan Export & Import Corporation Ltd —Albert Building, Hornby Road, Fort
Khatau Chhatrabhaj —40 41, Swadeshi Market, Kalbadevi Road
New India Trading Co —46, Churchgate Street, Fort
PIONEER ENAMELLING WORKS —24, Laxmi Building, Sir Phirozshah Mehta Road, Fort, Bombay 1
Purshotam Becher Bros —108 109, Swadeshi Market, Kalbadevi Road, Bombay 2
United Glass Works —111, Bhandari Street (Chuckla), Bombay 3
Vazir Enamel Works Ltd —31, Tank Bunder Estate, Bombay

ENGINEERING STORES

Abdeally, B M & Co —127, Sarang Street, Bombay 3 Phone 31790
Abdulkhader Shamsuddin & Co —48, Khoka Bazar, Bombay 3.
Abdullabhai Faizullabhai, Ltd — Khoka Bazar, Bombay 3
Adamally Gulamhusein —191, Khoka Bazar, Sarang Street, Bombay 3
Ahmedally Jiwabhai & Co —86 88, Lohar Street, Bombay 2
Adamally Sons Ltd —277, Nagdevi Street, Bombay 3
Apollo Engineering Co —84, Apollo Street, Fort
Ardeshir D Wadia & Sons —93 Apollo Street, Fort
Ashok Engineering Co —24, Noble Chambers, Parsee Bazar Street, Fort Tel No 31445 Grams Revolution"
Asian Trades & Industries —Post Box 3113, Bombay 3 Phone 33462 Grams ASIANTRADE"
Associated Corporation of Industries (India) Ltd —Commerce House, Currimbhoy Road Ballard Estate
Associated Machine & Tool Co —130, Medows Street, Fort
Atlas Engineering Co —Crescent Chambers, Tamarind Lane, Fort
Balmer Lawrie & Co , Ltd —5, Graham Road, Ballard Estate, Fort
Baxi, S & Bros —248, Musjid Bunder Road, Bombay 3
Best Engineering Stores —Jiji House, 7, Ravelin Street, Fort
Bharat Electric & Engineering Corporation —28, Apollo Street, Fort
Bhutt Brothers —163, Nagdevi Cross Lane, Bombay 3
Bombay Metal Products Co.—86, Khandewadi, Bombay 4
Brady, W H , & Co Ltd —Royal Insurance Building, Churchgate Street, Fort
C Bole & Co 61 Narayan Dhuru Street, Bombay
Chadha, B M , & Co Ltd — Jan Mansion, Sir Phirozshah Mehta Road, Fort P O Box No 671, Bombay
Champion Trades Corporation —9 13, Dalal Street, Fort
Choksi H , & Co —106, Medows Street, Fort
DAULATRAM RATANJI & CO —208, Nagdevi Street, Bombay 3 Phone 23915 Grams: "COMPARE"
East & West Trading Co —Advani Chambers, Sir Phirozshah Mehta Road, Fort
Electro Engineering Co —Sea View, 1st Pasta Lane, Colaba
Electro Technics & Engineering Co —Post Office Box 1356, Fort
Excellent Engineering Co —11, Botawala Building, Elphinstone Circle, Fort
GARLICK & CO —Haines Road, Jacob Circle
GAYTEE & CO —Janmabhoomi Chambers, Fort Street, Fort, Bombay Grams: "IMPENG" Phone 32449
G C Vora & Co —107 C P Tank Road, Bombay 4
General Business Corporation —Soorya Mahal, Medows Street, Fort
General Engineering Corporation —249 Frere Road, Fort
General Trading Corporation —Tamarind House, Tamarind Lane, Fort
Gill Grewall (India) —57, Razmah, Lady Jamshedji Road, Bombay 28
Gin Store Co —76, Nagdevi Cross Lane, Bombay 3
Gladwyn & Co —Powvala Building, 251 Hornby Road, Fort
Great Eastern Trading Co —107, Cawasji Patel Street, Fort
Greentose Corporation (India) —Cama Buildings, 24 26, Dalal Street Fort
Herman & Mohatta, B R , Ltd —People s Building, Sir Phirozshah Mehta Road Fort
Hindustan Electric Co —Podar Chambers Parsi Bazar Street, Fort
Hiralal Gokaldas Dalal & Co —45 Nagdevi Cross Lane, Bombay 3
Honesty Trading Corporation —27, Bombay Mutual Annexe, Gunbow Street Fort
Huseni Bros —120, Lohar Street, Bombay 2
India Traders —101 B Girgaum Terrace, Bombay 4
Industrial & Agricultural Equipment Co —29, Hamam Street, Fort, Bombay 1
International Tools & Hardware Stores —84 Kika Street, Bombay 4 Phone 72636 Grams SANITARY
Jai Ramdas & Sons —158 160, Narayan Dhuru Street, Bombay 3
James Tools & Hardware Co —109 111, Nagdevi Street, Bombay 3
Jayant Engineering & Mill Stores —39, Nagdevi Cross Lane, Bombay 3
Jones, J D , & Co (Bombay) Ltd —Rustom Building, Churchgate Street, Fort
Kamlashankar P Joshi —72 80, Nagdevi Cross Lane, Bombay 3
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MACHINE TOOLS & IMPLEMENTS —Advani Chambers, Sir Phirozshah Mehta Road, Fort Phone 22868 Grams: "MACHTOOLS" Branch Nagdevi Cross Lane, Bombay 3
Maneklal & Sons —176, Narayan Dhuru Street, Barbhai Moholla, Bombay 3
Manuel, A , & Co —Haroon House, Bazargate Street, Fort
Marine & Mills Agencies —197 Nagdevi Street, Bombay 3
Masvy & Co , Ltd —388 94 Sheikh Memon Street, Bombay 2
Mehta Hardware Mart —81-83, Nagdevi Street Bombay 3
Mehta Nanavati & Co —Barbhai Moholla, 96, Narayan Dhuru Street, Bombay 3
Modern Machine Tools Co —88, Nagdevi Cross Lane
NATIONAL HARDWARE & STORES SUPPLY CO — Post Box 3146, Bombay 3 Phone 33462 Grams. "REQUISITES"
Osborn (India) Ltd , Samuel —Elphinstone Building, Veer Nariman Street Fort, Bombay
Panalal Mohanlal & Co —89, Nagdevi Street, Bombay 3
Paramount Tools Company —3, Narayan Dhuru Cross Lane, Bombay 3
Parkeen Brothers —109, Esplanade Mansion, Mahatma Gandhi Road, Fort
Patel, U D , & Co —Bank Street Building, Fort
P RATILAL & CO —43, Dhanji Street, Bombay 3
Rasiklal, K , & Co —Mehta Building, Medows Street, Fort

Reliance Trading Co —Vithal Sayana Building, Lohar Street, Bombay 2
Royal Express Agency —247, Nagdevi Street, Bombay 3 Phone 32580 Grams "Soleagency"
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Sethy, M, & Co —29, Ismail Building, 351, Hornby Road, Fort
Shah & Brothers —234, Nagdevi Street, Bombay 3
Shah Engineering Stores —88, Nagdevi Cross Lane, Bombay 3
Shah Patel & Co —109 111, Nagdevi Street, Bombay 3 Phone 20709 Grams 'LUCKYCHAP'
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Techno Industrial Co —107, Sir Vithaldas Chambers, 16, Apollo Street, Fort, Post Box No 811, Bombay
T M Tyabji & Brothers —Hamam House, Hamam Street, Fort
Todi & Co —41, Hamam Street, Fort
Trinity Electric Syndicate —Princess Street Bombay 2
T Salehbhoy & Co —54, Sarang Street, Bombay 3
Unisales (India) Ltd —27/33, Medows Street Fort
UNITED INDIA ENGINEERING CO —76, Old Custom House Road, Fort Phone No 24602 Grams "UNICONARAM" Engineers and Machinery Dealers
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Viswabharati Trading Co —60, Modi Street, Fort
Vora J C, & Co —107, C P Tank, Bombay 4
William Jacks & Co, Ltd —Hamilton House, Ballard Estate, Bombay

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Electro Engineering Co —'Sea View,' 1st Pasta Lane, Colaba, Bombay 5
Gaytee & Co —Janmabhoomi Chambers, Fort Street Fort, Bombay 1
Globe Stores Co, The —Sitaram Building, near Crawford Market
James Tools & Hardware Co —109/111, Nagdevi Street, Bombay 3
Maneklal & Sons —176, Narayan Dhuru Street, Barbhai Moholla, Bombay 3
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NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146 Phone 33462 Grams "REQUISITES"
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Rustomji Nowroji Bapasola (Estd 1909) —62, Forbes Street, Fort
Todi & Co —41, Hamam Street, Fort, Bombay Grams "Offer" Phone 28623

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ACME MANUFACTURING CO, LTD THE —Antop Hill, Wadala, Bombay 19 Phone Nos 62717-8 Grams "ACMERAY"
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Ahmed Noormohamed Chunawalla & Co —338, Ghodbunder Road, Andheri
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Alcock, Ashdown & Co, Ltd —16, Bank Street, Fort
Alfred Herbert (India), Ltd —Kaiser i Hind Building, Ballard Estate
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Allied Construction Co, Ltd —Panalal Bansilal Mansion, 24/B, Hamam Street, Fort
Apollo Engineering Co —84, Apollo Street, Fort.
Argus Engineering Co, Ltd —Warden House, Sir Phirozshah Mehta Road Fort
Asbestos & Engineering Stores, The —30, Western India House, Sir Phirozshah Mehta Road
Associated Corporation of Industries (India) Ltd —Commerce House, Ballard Estate
Associated Machine & Tools Co —130, Medows Street, Fort
Atlas Electric Co —243, Bazar Gate Street Fort
Babcock & Wilcox, Ltd —Bombay Mutual Annexe, Gunbow Street, Fort
Balmer Lawrie & Co, Ltd —5, Graham Road, Ballard Estate
Batliboi & Co —Forbes Street, Fort
Bhagat & Sons, Ltd —Sewree Fort Road
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Choksi, H, & Co —106, Medows Street, Fort
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Heatly & Gresham, Ltd —9 Forbes Street Fort
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Railway & Marine Equipment Co —"Buona Casa," Sir Phirozshah Mehta Road
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Ratilal & Co —Madhavji Thakersey Buildings, Pickett Cross Road
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Reliance Trading Co —Vithal Sayana Building, Lohar Street, Bombay 2
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Rowe Industries Ltd —117, Medows Street, Fort
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Sakaria Bros —17/19, Dhanji Street, Bombay 3
Salem & Company —31 Marzban Road Fort Bombay
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Turner, Hoare & Co Ltd — Gateway Building, Apollo Bunder, Bombay 1
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Universal Asphalt Products & Construction Co —"La Citadelle," Queen s Road
Universal Construction Co —Sir Vithaldas Chambers, 16, Apollo Street, Fort
Vaziralli Ltd —Prospect Chambers, Hornby Road, Fort
Verma, Ramlal G —Bell Building, 4th Floor, 6, Sir Phirozshah Mehta Road, Fort
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Volkart Brothers —19, Graham Road, Ballard Estate
Warsh & Company —P O Box 1536, Bombay
Western Engineering Co —Western India Building, Sir Phirozshah Mehta Road, Fort P O Box 75
Western India Engineering Co , The —Signal Hill Avenue, Sewri, Bombay 15
Western India Engineering Corpn Ltd —Cama Chambers, 23, Medows Street, Fort
Western Manufacturing Co —Hassan Chambers, Parsee Bazar Street, Fort
Western Traders (India), Ltd —Post Box No 9, Bombay
William Jacks & Co , Ltd —Hamilton House, Graham Road, Ballard Estate
Worthington Simpson Ltd —Mubarak Manzil, Apollo Street, Fort
Zaveri, C A , & Co —44, Abdul Rehman Street, Bombay 3

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MANKAME BROS —Rubber Stamp Manufacturers, Engravers and Die-Sinkers, 405, Kalbadevi Road, Bombay 2 Phone : 23960.
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S Moti —Envelope Maker Hornby View, 12, Gunbow Street, Fort
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Indiana Chemical Works (India) Ltd — Atlas Mills Compound, Reay Road, Bombay 10
Parry & Co, Ltd —Warden House, Sir Phirozshah Mehta Road, Fort
WEIL COMPANY —Chateau Marine, 41-B, Marine Drive, Bombay 1 Phone 34593 Cables "WEILETCO"

ESSENTIAL OILS

Akbarally Mohamedally & Co —Dawoodi Building, 316, Abdul Rehman Street
Anil Trading Co —Sharaf Mansion, 32, Princess Street, Bombay 2
AROMATIC PRODUCTS & CHEMICALS LTD —Importers and Indentors of Essential Oils, Aromatic Chemicals and Perfumery Raw Materials 42, Prospect Chambers Annexe, Hornby Road, Fort Grams "DISCOVERY" Phone 23151
Associated Agencies (Bombay) —17 Podar Chambers, Parsi Bazar Street Fort
Bajumal Santsaram —204 Samuel Street, Vadgadi, Bombay 3
B C Patel & Co — Sai Bhuvan, 143 Princess Street Bombay 2
Biddle Sawyer & Co (India) Ltd —25 Dalal Street, Fort, Bombay 1
CALCUTTA ESSENCE SUPPLY CO —Mulchand Mansion, Princess Street, Bombay 2 Dealers and Importers of Essential Oils, Aromatic Chemicals and Perfumers Grams "SUPRALUX" Phone 22623
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Din Products Ltd —219, Frere Road, opp General P O, Fort
General Import Co (India) —Heera Building, 1st Floor, 174, Carnac Road Bombay 2 Phone 23633
Gujrat Essence Mart —126, Princess Street, Bombay 2
Gulam Rasul Allahbux —1/B, Bachooali House, Nowroji Hill Road No 1, Bombay 9
Hasanali Kamroodin —19, Shamset Street, Bombay 3
Jacob George & Co —Advani Chambers, Sir Phirozshah Mehta Road, Fort
Jagkumar & Co —Prospect Chambers Annexe, 317 21, Hornby Road Fort
Kantilal Sanghvi & Co - Dharwan Building, Sir Phirozshah Mehta Road Fort
K Metharam —491 3 Kalbadevi Road
Khurana Brothers —People s Building, Sir Phirozshah Mehta Road, Fort
Kirtikumar & Co — 80, Bhandari Street Mandvi, Bombay 3
Latham Abercrombie & Co, Ltd —Forbes Building, Home Street, Fort
Master & Company (Estd 1938) —Lahori Building, 278, Sandhurst Road (Corner Khetwadi 4th), Bombay 4
M B THAKKAR —105, Princess Street, Bombay 2 Phone— Res : 21085 Grams "SWEETODOUR" Dealers in Synthetic and Natural Essential Oils, Aromatic and Heavy Chemicals
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Narendra & Co —Bansilal Mansion, 11, Bruce Street, Fort
New India Pharmacy —Shroff Mansion 32, Princess Street
Parekh Bros, Ltd —65, Mahatma Gandhi Road, Fort
Radhakishan Rajaram & Co —143, Princess Street, Bombay 2 Phone 26097
Red Star Chemical Works —63, Princess Street, Bombay 3
Scientific & Industrial Supplies Corporation —Princess Street, Bombay 2
SIKRI BROTHERS —79-6, Princess Street, Bombay 2 Phone 33494 Grams "OILMAN"
Singham Bros & Co (India), Ltd —P O Box 894, Bell Building, Sir Phirozshah Mehta Road Fort
Shapurji & Co, R K —Prospect Chambers, 319, Hornby Road, Fort, Bombay
S Manubhai & Co —Albert Building 346, Hornby Road, Fort
Sudan Trading Co —Dhun Nur, Sir Phirozshah Mehta Road, Fort, Bombay 1
Tarasingh Harbindersingh — P O Box 6156, Bombay 16
WEIL COMPANY —Chateau Marine, 41-B, Marine Drive, Bombay 1 Phone 34593 Cables "WEILETCO"

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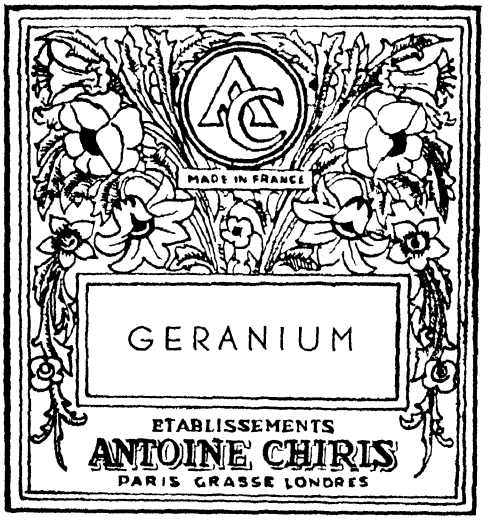

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C Bhimjee Poonia & Sons —20, Khokha Bazar, Bombay 3
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Hindustan Wire Netting Co, Ltd —56 57, Nagdevi Cross Lane, Bombay 3
Hoosein, M A, & Bros —Lakshmi Building, Sir Phirozshah Mehta Road Fort
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Jacks, William & Co, Ltd —Hamilton House, Graham Road, Ballard Estate Fort
Kantilal Sanghvi & Co —Mherwan Building, Sir Phirozshah Mehta Road, Fort
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Saify, T A, & Bros (India) —20, Sarang Street, Bombay 3
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T Salehbhoy & Co —54, Sarang Street, Bombay 3
Bhargava & Co, K —G P O Box No 19, Bombay 1
International Export Import Co —Whiteaway Laidlaw Building, 278, Hornby Road, Fort

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Kalyan & Sons —Bode House, Ormiston Road, Apollo Bunder, Fort
Kothari & Sons —20 Noble Chambers, Parsi Bazar Street, Fort
Matani Bros —84, Mohamedali Road Bombay 3
Muhammed Ahmed & Bros —220, Cutlery Bazar, Bombay 3
National Plastics —Manu Mansion 16 Custom House Road, Fort
NEW INDIA GENERAL STORES —33, Medows Street, Fort
Salemohamed Padamsee & Co — 141, Chuckla Street, Bombay 3
S G Kothari & Co —88 90, Abdul Rehman Street, Bombay 3
Singham Bros & Co (India) Ltd —P O Box 894 Bell Building, Sir Phirozshah Mehta Road, Fort
Wadhwaney Bros (India) —Hornby Building, 172/74, Hornby Road, Fort

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Ahmed Ebrahim Bros —88 Chuckla Street, Bombay 3
Allied Exporters —Kumud House, 267, Hornby Road Fort
Bajaj Bros Ltd —Round Building, Kalbadevi
Bhagwandas Chatrabhuj & Co —20 Hamam Street, Fort
Blaschcck, H, & Co —Dadyseth House, 44, Cawasji Patel Street, Fort
Ibrahim Allibhoy & Sons —260 64 Abdul Rehman Street, Bombay 3
Hoosein, M A, & Bros —Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Kantilal Sanghvi & Co —Mherwan Building, Sir Pherozshah Mehta Road, Fort
Majid & Co —Karim Building, 56, Mahomedally Road
United Import Co, The —67 69, Mahomedally Road
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AGRI-ORIENT INDUSTRIES LTD —98, Medows Street, Fort Phone 34563 Grams "DHAVALANGA"
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Nanavati & Co, Ltd —16 Apollo Street, Fort
National Fertilisers Ltd —Shile Building Bank Street Fort
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Singham Bros & Co (India) Ltd —P O Box 894, Bell Building, Sir Phirozshah Mehta Road, Fort
Vikas Chemical Works — 12 Bell Lane Fort Bombay
Western Chemical Industries —Goregaon (East), Bombay

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AMA LIMITED —"Photo Cine Sound," Canada Building, Hornby Road, Fort Phone 27225 (Two Lines) Grams "AMALIMITED"
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Laljee Devraj & Company —Topiwala Mansion, Mahomedally Road, Bombay 3

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Fruit Farm Products Company —Byramji Mansions, Sir Phirozshah Mehta Road, Fort

Gulam Rasul Allahbux —1-B, Bachooali House, Nowroji Hill Road No 1, Bombay No 9

Hashambhoy Aloo Mahomed & Sons —231, Nishanpada Road, Khadak, Bombay 9

Jehangir J M Poonjiajee —Byramji Mansion, Sir Phirozshah Mehta Road, Fort

Sea Foods Corpn —Rahimtoola House, 7, Homji Street, Fort

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DHIRAJ PEN MANUFACTURING CO , LTD —Nagardas Road, Andheri (East), Bombay Phones 86031 and 86548. Grams : "CITYPEN" Manufacturers of 'Wilson', 'President', 'Ford' Fountain Pens and Spare Parts

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Gujarat Furniture Works —Satar Sea View, 45, Chowpatty Sea Face
Hindustan Fabrics & Stores Ltd — Foolchand Nivas, Chowpatty Sea Face, Bombay 7
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Jayanand Khira & Co , Ltd —Kothare Building Sandhurst Bridge, Bombay 7 Kamdar Limited —Industrial Building, opp Churchgate, Fort

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Latham Abercrombie & Co Ltd — Forbes Building, Home Street, Fort
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Modern Furniture Works —141, 3rd Cross Road Shivaji Park Road, Bombay 28
Nagree Ltd — Nagree Building, 50 Custom House Road, Fort
Naterwalla S R, & Co — Bombay Mutual Annexe, Gunbow Street, Fort, P O Box No 724, Bombay
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Sunderdas Saw Mills —Opp Reay Road Station Bombay 10
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P Shah & Co —Dwarkadas Mansions, 443, Sandhurst Road Bombay 4
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Diamond Electro Gilders & Galvanizers —2nd Carpenter Street, Khetwadi Main Road Bombay 4
National Hardware & Stores Supply Co —Post Box 3146, Bombay 3

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Abdeally, B M, & Co — 127 Sarang Street Bombay 3 Phone 31790
Asian Trading Corporation —P O Box No 1505, 20, Mangesh Street, Bombay 1
Caprihans (India) Ltd —Dnyanabhoomi Chambers Fort Street
Dhani Ram & Sons —236, Musjid Bunder Road, Bombay 3
International United Trading Corporation —80 90, Lohar Chawl, Bombay 2
Jashwantlal Manecklal & Co —40, Churchgate Street, Fort
Marine Sports 101 1st Marine Street, Dhobi Talao Bombay 2
Reliance Trading Co —Vithal Sayana Building, Lohar Street, Bombay 2
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Dawoodbhai, M & Bros —Hararwalla Building, Lohar Chawl
Desai M S & Co —77 Nagdevi Cross Lane Bombay 3
Desco Commercial Corporation —14 Old Custom House Road Fort
Deviprasad Khandelwal & Co Ltd —Iron Katha, Carnac Bunder
Dewanchand Fudhumall 54/55, Bibijan Street, Bombay 3
Dhirajlal & Co —62 Princess Street
Diarvi Trading Co —67 Nagdevi Cross Lane, Bombay 3
Dinsha N & Co —C/o The Bharat Tiles Ltd 20 Apollo Street, Fort
Dixon H I & Co Ltd —Ajmi Building Pallard Estate Fort
Dohadwalla R H & Co —11 Nagdevi Street
Dominion Products —19 Bank Street Fort
Druvet Chowna & Co —Lentin Chambers Medows Street, Fort
Dubash Brothers & Co Victoria Building Parsi Bazar Street, Fort
Duncan, Stratton & Co —5, Bank Street Fort

EAST ASIATIC COMPANY (INDIA) LTD —Wavell House, Graham Road, Ballard Estate Phone 30995

Eastern Import & Export Co, The —Ian Mansion Sir Phirozshah Mehta Road Fort
Electro Engineering Co Sea View, 1st Pasta Lane, Colaba

ESOOFALLY AHMADALLY —Null Bazar, Mutton Street, Bombay 3 Phone 71400 Grams "HANDBLOWERS" Hardware Tools and Machinery Merchants and Direct Importers

Esufally Adamji & Co 134, Nagdevi Street
Esufally Kamruddin —34 Khoka Bazar Bombay 3
Evans, Fraser & Co —Fort House, Hornby Road Fort
Excellent Engineering Co 11 Bottawalla Building, Elphinstone Circle Fort
Fairdeal Hardware Stores —206 A Abdul Rehman Street, Bombay 3

FIDAALY GULAMALI —163, Janjikar Street, Bombay 3 Phone 24533

Fleming, John & Co, Ltd —Sukhadwala Building, 21, Bastion Road
Gannon Dunkerley & Co Ltd —Chartered Bank Building, Mahatma Gandhi Road Fort

GANGARAM & CO, R —180, Masjid Bunder Road, Bombay 3 Phone No 71573 Grams "JOSHIMETAL"

Garlick & Co —Haines Road, Jacob Circle
G C Vora & Co —107 C I Bank Road Bombay 4
General Trading Corporation —36 B, Tamarind House, Tamarind Lane Fort
General Tubes Ltd —142 144, Nagdevi Street, Bombay 3
Gill Grewall (India) —57, Razmah, Lady Jamshedji Road, Bombay 28
Globe Stores Co, The —Sitaram Building, near Crawford Market, Hornby Road
Great Eastern Trading Co, The —107, Cawasji Patel Street, Fort
Greaves, Cotton & Co, Ltd —1 Forbes Street
Greenfose Corporation (India) —Cama Buildings, 24 26, Dalal Street, Fort
Gulamhusain Sulemanji & Co —Manu Bhuvan, 24, Kika Street, Gulalwadi
Gulam Rasul Allahbux —1B, Bachoo Ali House, Nowroji Hill Road, Bombay 9
Haiderbhoy Esmailji & Co —168, Nagdevi Street, Bombay 3
Hamir Jumal & Company —Showroom 11/16, Lohar Chawl, Bombay 2
Harchandrai Sons —229, Musjid Bunder Road, Bombay 3

HARDWARE & STEEL IMPORT CO, LTD —Huseini Chambers, 33, Nanabhai Lane, Fort Grams "IMPORTCO." Bombay Direct Importers, Merchants and Commission Agents

Hardware & Sundries Importing Agency —Hanshaw Building, 19, Bank Street, Fort

Harjimal Kidarnath & Co —87, Nagdevi Cross Lane, Bombay 3
Hatimbhoy, A, & Co —Argyle Road, Bombay 9
Hatimbhoy Goolamhussein & Bros —193, Nagdevi Street
Heptoola Nooruddin & Co —152 54 Nagdevi Street Bombay 3
Herman & Mohatta, B R, Ltd —Peoples Building, Sir Phirozshah Mehta Road, Fort
Hind Trading Co —Ali Chambers, 78 80, Tamarind Lane, Fort
Hiralal Gokaldas Dalal & Co —45 Nagdevi Cross Lane, Bombay 3
Honesty Trading Corporation —Bombay Mutual Annexe, Gunbow Street, Fort
Hoosein & Bros, M A —Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Husein Mussa Virjee & Co —Sheriff Hasam Building, Khoja Mohalla, Bombay 9
Husseni Bros —129 Lohar Street, Bombay 2 Phone 34748
Indo Bombay Trading Co —34 Nagdevi Street, Bombay 3
Industrial Syndicate —Lentin Chambers, Dalal Street, Fort

INTERNATIONAL TOOLS & HARDWARE STORES —84, Kika Street, Bombay 4 Phone 73636 Grams "SANITARY"

International United Trading Corporation —80 90, Lohar Street, Bombay 2
Iron & Hardware (India) Co —98 Nagdevi Cross Lane Bombay 3
Jacks & Co, Ltd, William —Hamilton House, Graham Road, Ballard Estate
Jagkumar & Co —Prospect Chambers Annexe, 317/21, Hornby Road, Fort

JAIRAMDAS & SONS —163, Narayan Dhuru Street, Bombay 3 Grams "JAIRAMDAS" Phones 31120 and 32836 (Ext 36)

Jashwantlal Maneklal & Co —40 Nir Nariman Street, Fort
Javant Metal Manufacturing Co Ltd Lohar Street Bombay
Javantilal & Brothers —38, Bibijan Street Nagdevi, Bombay 3
Jayantilal & Bros 82 86 Abdul Rehman Street Bombay 3
Jitendraraj & Bros —Devkaran Mansion No 5, Mangaldas Road, Bombay 2

JIVRAJ & VRAJLAL —122, Nagdevi Street, Bombay 3 Phone No 33038 Grams "SANIPIPES"

Kamlashankar P Joshi —72 80 Nagdevi Cross Lane, Bombay 3
Kanakia Corporation —163 Nagdevi Cross Lane Bombay 3
Kantilal Sanghvi & Co —Mherwan Building, Sir Phirozshah Mehta Road
Kishanlal Narsidas Jaiswally —157 Abdul Rehman Street Bombay 3
Khambatty, H A, & Co Ltd —45 47, Lohar Street Bombay 2
Khushiram Tirachand Ltd —23, Argyle Road, Bombay 9
K Kantanlal & Co 111 16 Zaveri Bazar Bombay 2
Kishor Trading Co 145 Narayan Dhuru Street Bombay 3
Kothare & Sons —20, Noble Chambers, Parsi Bazar Street, Fort
Kurwa & Kajiji 142 44, Abdul Rehman Street
Lookmanji Moosaji Diamond Building Lohar Chawl, Bombay 2

MACHINE TOOLS & IMPLEMENTS —Advani Chambers, Sir Phirozshah Mehta Road, Fort Phone 22868 Grams "MACHTOOLS" Branch 24, Nagdevi Cross Lane, Bombay 3

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Maneckchand Jivraj & Co —Dirukhana, Mazagaon, Bombay 10
Mangaldas & Sons Lentin Chambers Dalal Street, Fort, Bombay
Mansata, N, & Bros —165, Lohar Chawl, Fort
Mapara Parekh & Co —Ghodbunder Road, Santa Cruz, Bombay 2s Manufacturers of 'P' Hinges
Marine & Mills Agencies —197 Nagdevi Street, Bombay 3
Mashruwalla, C M, & Co —172/74, Nagdevi Street, Bombay 3
Matani Bros —84, Mahomedali Road, Bombay 3
Mehta & Company —Latif House, Argyle Road, Iron Market, Bombay 9
Mehta & Co, S —Ances Chambers Annexe, Carnac Road, Bombay 1
Mehta Hardware Mart —81 83, Nagdevi Street, Bombay 3
Mehta, H P, & Co —112, Nagdevi Street, Bombay 3
Mehta Motor Stores —Banji Nivas, Sandhurst Road
Mehta Textile & Hardware Stores —158/160, Narayan Dhuru Street, Bombay 3
Metrogold Brass Manufacturing Co —50, Nesbit Road, Mazagaon
Modern Hardware & Trading Co —107, Abdul Rehman Street, Bombay 3
Modern Machine Tools Co —88 Nagdevi Cross Lane
Modern Mill Stores —9, Nagdevi Street Bombay 3
Modi Gandevia & Co —Western India House, Sir Phirozshah Mehta Road, Fort
Modi Trading Co —163, Nagdevi Cross Lane, Bombay 3
Moloobhoy, Ahmed S, & Sons —281, Nagdevi Street
Morison Nicols (India) —Shree Kant Bhuvan, Picket Road
Muncherjee Byramjee & Co (Estd 1882) —Office and Factory Jerajbhoy Street, 100, Poras Road, near Municipal Workshop, Bombay 8
Najmuddin Bros —Akbar Chambers, Mahomedalli Road, Bombay 3
Nanalal Ambalal & Co —69, Nagdevi Street
Naterwalla & Co, S R —Bombay Mutual Annexe, Gunbow Street, Fort

NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146, Bombay 3 Phone: 33462 Grams "REQUISITES"
NATVERLAL & BROS —Hardware Merchants and Direct Importers 180, Nagdevi Street, Bombay 3 Phone 27910 Grams "NATVERBROS"
NEW INDIA HARDWARE MART.—152, Narayan Dhuru Street, Bombay 3 Grams "FREETRADE" Phone 24165
Nooroodin Shaikadam & Co —159, Nagdevi Street, Bombay 3
Ochhavlal, R, & Co —86 Nagdevi Street, Bombay 3
Odhavji, B, & Co — Carnac Bunder, Argyle Road, Bombay 9
Orient Paint & Hardware Mart —67, Habib Building, C P Tank Road, Bombay 4
Panalal Mohanlal & Co —87 89, Nagdevi Street, Bombay 3
Pan Asiatic Overseas Co, Ltd —19, Sir Phirozshah Mehta Road, Fort
Pans & Co —105, Apollo Street, Fort
PARAMOUNT (INDIA) LTD —Kermani Building, Sir Phirozshah Mehta Road, Fort, Bombay 1
Paramount Tools Company —3, Narayan Dhuru Cross Lane, Bombay 3
Paramount Traders —Bhagwan Bhuvan, Villeparle (East), Bombay 24 Grams Undisheet Indentors and Commission Agents
Parekh & Parbhoo Ltd —Khetwadi Back Road, Bombay 4
Parekh P S & Co —108, Nagdevi Street
Parkeen Brothers —109, Esplanade Mansion, Mahatma Gandhi Road Fort
Patel, U D, & Co —11, Bank Street Building, Fort
Patell P R & Co, Ltd —Mherwan Building, Sir Phirozshah Mehta Road Fort
Pavri J K —10, Karim Chambers, Hamam Street Fort
P Dilip & Co 74, Laxmi Building, Sir Phirozshah Mehta Road, Fort
Pioneer Hardware & Engineering Corporation —Sangli Bank Building, 206 Bazargate Street, Fort Bombay Phone 34591
Porbunderwalla, A K, & Bros —Ruby Mansion, 92, Parsi Bazar Street, Fort
Prabhat Trading Company — Vithal Sayana Building No 2, Lohar Chawl Bombay 2
P RATILAL & CO —43, Dhanji Street, Bombay 3
Ramchand Mathuradas Aggarwal 106 108, Dhanji Street Bombay 3
RAMSAHAI RAJKUMAR —85/87, Nagdevi Street, Bombay 3
Rasiklal, K, & Co —Mehta Building, Medows Street, Fort
R C Traders Fortin Chambers Dalal Street Fort
Real Paint & Hardware Mart —105, C P Tank Road, Bombay 4
Reliance Trading Co —Vithal Sayana Building, Lohar Chawl
Reputo Engineering Co —165, Narayan Dhuru Street Bombay 3
Richardson & Cruddas —Byculla Iron Works Byculla
Rowe & Rowe —381 Hornby Road Fort
Royal Hardware Mart — 108 Nagdevi Street Bombay 3
R Vadilal Desai & Co —15 27, Ratan Building, Bibijan Street, Nagdevi Bombay 3
Saify & Bros (India), 1 A —20 Sarang Street, Bombay 3
Sakria & Sons —82, Nagdevi Cross Lane Bombay 3
Salehbhoy Tyebbhoy & Co —Tyebji Building, 93, Nagdevi Street, Bombay 3
Sanghani & Co —178-180, Abdul Rehman Street
Sant Ram Bhasdev Co —6 Narayan Dhuru Cross Lane Bombay 3
Sawhney & Co —Shahpur House, Cowasji Patel Street, P O Box 148 A, Bombay
Seabee Export & Import Co —9, Waudby Road, Fort Phone 34673
Service, Geo & Co —Sohrab House, 237, Hornby Road, Fort
Shah Machine Tools Co —75, Abdul Rehman Street Bombay 3
Shah Trading Corporation —Opp Crawford Market, Oomrigar Building, P B No 2299, Bombay 2
Sharafally & Sons —73/75, Bhajipala Lane, Bombay 3
Sheth Stores Trading Co —87 87 Nagdevi Street, Bombay 3
Shivdayal Bilbhaderdas —96, Narayan Dhuru Street Bombay 3
Shree Krishna Trading Co, Ltd —Alli Chambers, Medows Street, Fort
Singham Bros & Co (India) Ltd —P O Box 894, Bell Building, Sir Phirozshah Mehta Road, Fort
Siriram & Co —97, Narayan Dhuru Street, Bombay 3
Sivramkrishnan, M —Hazi Manzil, 82 86, Abdul Rehman Street, Bombay 3
S Nagam & Co —418, Kalbadevi Road, Bombay 2
Soho House —Vithal Sayana Building, Lohar Street, Bombay 2
Solem Hardware Mart —155, Nagdevi Street
Somnath, C, & Co —Dr D'Silva Road, Dadar (Western Railway), Bombay
S P Industries —Office & Factory 13, Low Level, Victoria Road, Mazagaon
Standard Metal Works Ltd —17, Falkland Road, Low Level, Tardeo
Standard Trading Co —Vithal Sayana Building No 2, Lohar Street, Bombay 2
Standard Tube Co, Ltd, The —123, Nagdevi Street, Bombay 3
Stanley Works, The —43 44, Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Steelyard Limited —Rahimtoola House, Homji Street, Fort
Stewarts & Lloyds of India, Ltd —Mubarak Manzil, Apollo Street, Fort
Sunderlal & Sons —Pranjivan Building, Narayan Dhuru Cross Lane, Bombay 3
Talib & Co —Talib House, 104, Nagdevi Street, Bombay 3
Tarachand Gupta & Bros —Narayan Dhuru Street Bombay 3
Teamsan Traders —Post Box 3162, Nagdevi Street, Bombay 3
Textile Stores & Hardware Mart —32, Bibijan Lane, Nagdevi Street
Thakorlal & Co —47, Nagdevi Cross Lane, Bombay 3
T M TYABJI & BROTHERS —Hamam House, 32-38, Hamam Street, Fort Hardware, Engineering, Aeronautical & Electrical Specialists Grams "TRUEWAY"
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T U PATEL & SONS, LTD —Huseini Chambers 33, Nanabhai Lane, Fort Phone 33403 Grams "TUPSONS" Mill Gin Stores Suppliers, General Hardware Merchants and Direct Importers
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Tyebally Dawoodjee (Estd 1860) —84, Bhajipala Lane Bombay 3
U D Patel & Company —11 Bank Street Fort Bombay
United Import Co The —67 69, Mahomedali Road
United Mill Stores (India) —61, Nagdevi Street Bombay 3
United Tube & Hardware Co — 146, Nagdevi Street, Bombay 3
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Utoomal & Assudamal Co —Bombay Mutual Annexe, Gunbow Street, Fort
Vasi Shums & Co —Vasi Building, 165 167, Nagdevi Street
Vazirali Ltd —Prospect Chambers Hornby Road Fort
Vinod Mehta & Co —22B Noble Chambers Parsi Bazar Street, Fort
Viswabharati Trading Co —60 Modi Street Fort
Vithaldas G, & Co —60 Nagdevi Cross Lane, Bombay 3
Vora J C & Co —107 C P Tank, Bombay 4
V S Bal & Co —Podar Chambers Parsi Bazar Street Fort, Bombay
WESTERN INDIA HARDWARE MART —16, Narayan Dhuru Cross Lane, Bombay 3 Grams "VISCOSITY" Phone 28730
Western India Hardware Mart —16 Narayan Dhuru Cross Lane, Bombay 3
Yacoob Ahmed Brothers — Topiwalla Mansion Mahomedalli Road
Zaveri, C A, & Co —44 Abdul Rehman Street

HARDWARE IMPORTERS

ABDEALLY, B M & CO —127, Sarang Street, Bombay 3 Phone 31790
Asian Trades & Industries —Post Box 3113 Bombay 3 Phone 33462
Dinkar Trading Co —95 97 Bhandari Street Bombay 3
GANGARAM & CO, R —180, Musjid Bunder Road, Bombay 3 Phone 71573 Grams "JOSHIMETAL"
Gaytee & Company Janmabhoomi Chambers Fort Street Fort, Bombay Grams IMPI No Phone 32449
HARDWARE & STEEL IMPORT CO, LTD —Huseini Chambers, 33, Nanabhai Lane, Fort Grams "IMPORTCO," Bombay 1 Direct Importers, Merchants and Commission Agents
International Tools & Hardware Stores —81 Kika Street Bombay 4 Phone 73636 Grams SANITARY
JAIRAMDAS & SONS —163, Narain Dhuru Street, Bombay 3 Grams "JAIRAMDAS" Phones 31120 and 32836 (Ext 36)
James Tools & Hardware Co —109 111, Nagdevi Street, Bombay 3
KANTILAL SANGHVI & CO —Mherwan Building, Sir Phirozshah Mehta Road, Fort Phone Nos 34261, 28185 Grams "EXPIM"
Manekji & Co —17, Gunbow Street, Fort
NAGDEVI TOOL-STEEL MART —186-88, Nagdevi Street, Bombay 3
NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146, Bombay 3 Phone 33462 Grams "REQUISITES"
T U PATEL & SONS, LTD —Huseini Chambers, 33, Nanabhai Lane, Fort Mill Gin Stores Suppliers, General Merchants and Direct Importers Phone No 33403, Grams "TUPSONS"
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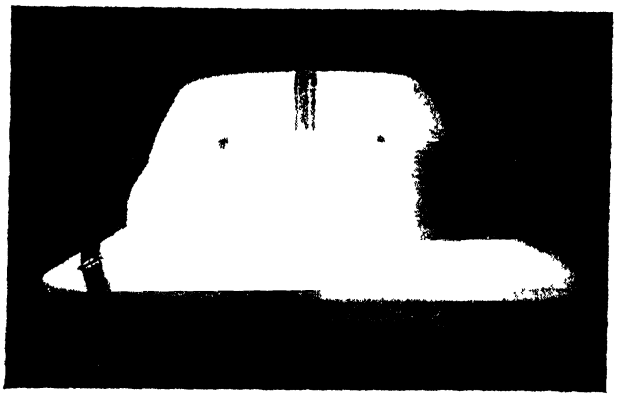

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Roberts McLe[illegible] Sir Phirozshah Road, Fort

Sivramkrishna [illegible] Abdul Rehman Street, [illegible] Fort

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Palmer Lawrie & Co Ltd —5 Graham Road, Ballard Estate Fort

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Datson Raviraj & Co - 43 Tamarind Lane Fort

HARDCASTLE, WAUD & CO, LTD —Alice Buildings, Hornby Road, Fort

Imp[illegible] Hall

Pioneer Industries — [illegible] P O Box No 1909 Fort

Thos W Ward (In[illegible] [illegible]rshall Building, Ballard Road, Ballard Estate, Fort

HIDES AND SKINS

[illegible] Stores —2, Waterloo Mansion opp [illegible]

EDGAR HANDLEY AND CO, LTD —135, Medows Street, Fort Phones 22934 and 26884 Grams "TROJAN"

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Govia Basil M P —P O Box 263 A, Bombay Mutual Building, Hornby Road Fort

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Haneef, S M, & Co —Bachooali House, Haji Bachooali Road, Bombay 9

Hashambhoy Aloo Mahomed & Son —Dostmahomed Building, Nishanpada Road, Khadak, Bombay 9

Indian Industrial Development Trust Ltd —Dhan Nur, Sir Phirozshah Mehta Road, Fort

Maga Traders —20 Dadisheth Agiary, Bombay 2

Mahomedali Esmail —Stock Exchange Bldg, Apollo Street, Fort

Singham Bros & Co (India) Ltd —P O Box 894, Bell Building, Sir Phirozshah Mehta Road, Fort

Western Mercantile Co —38, Western India House, Sir Phirozshah Mehta Road, Fort

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BATLIBOI & CO —Engineers and Machinery Importers Head Office Forbes Street, Fort, Bombay 1 Phone Nos 30007 8 9 (Three Lines) Tel Address "BATLIBOICO" Branches Batliboi House, Nagdevi Cross Lane, Bombay 3; 3 153, Broadway, Madras, P 34, Mission Row Extension, Calcutta, 55 5, Japan Buildings, New Chowri, Delhi, 12-5D Variety Hall Road Coimbatore, Reid Road, Ahmedabad, 26 59, Birhana Road, Kanpur

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Bhagvandas Chatrabhuj & Co —20, Hamam Street, Fort

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Cawnpore Mills Depot Churchgate House, Churchgate Street, Fort
Chhaganlal Vishram & Co —107 109 Chakla Street
" Crawfords -280, Carnac Road, Bombay 2
Dave J M & Co —Kanta Terrace, Silk Bazar, Kalbadevi Road
Dawood Hajee Nasser & Co —Maneckja Chambers, 1st Marine Street, Dhobi Talao
Dominion Products —15, Bank Street, Fort
Evans, Fraser & Co —Hornby Road, Fort
Gulam Rasul Allahbux —1/B, Bachooali House, Nowroji Hill Road No 1, Bombay No 9
Haji Ebrahim Essak —91, Sheriff Dewji Street Bombay 3
Haji Ebrahim Haji Mohammad B —13, Bhajipala Lane, Bombay 3
Haneef, S M, & Co —Bachooali House, Haji Bachooali Road, Bombay 9
Haroon & Co —19, Zakeria Musjid Road
Hassaram & Co K New Silk Bazar Kalbadevi Road Bombay 2
Hind Trading Co —Ali Chambers, 78 80, Tamarind Lane, Fort
Hukamchand Chanderbhan —1st Floor, Hira Building, opp Crawford Market, Carnac Road
International Trading Corporation —386, Lamington Road, Bombay 4
Jewan Bukhsh Mohammed Jan 99 Chakla Street, Bombay 3
Katrak Hosiery Works —167, Lamington Road Bombay 7
Kewalram Chellaram Gandhi Mansion, New Silk Bazar Bombay 2
Khianey (India) Ltd —Dahanukar Building, New Silk Bazar, Bombay 2
Kothari & Sons —20, Noble Chambers, Parsi Bazar Street, Fort
Kumar Bros (India) Ltd —138, Hornby Road, Fort

LADHABHAI RAVJI & BROS —41, Advani Chambers, Sir Phirozshah Mehta Road, Fort Phone 27410

Mansukhlal Kantilal & Co —185, Mulji Jetha Building, Princess Street
M Dialdas & Sons —190, Princess Street

MENORA HOSIERY WORKS LTD —Ruby Terrace, opp. 3rd Pasta Lane, Colaba, Bombay 5 Phone: 35400. Grams "MENORWORK"

M Gani & Co —Mahomedali Road, Laheria House, Bombay 3
Modern Hosiery Works —Dhobiwadi, Thakurdwar
Mohanlal, D, & Co —Nariman Building, near P O, Kalbadevi.
Natvar Trading Co —395, Kalbadevi Road, Bombay 2
Oriental Commercial Corporation —Kitab Mahal, 192, Hornby Road, Fort, Bombay 1
Oriental Import & Export Agency —52, Shri Krishna Nivas, New Silk Bazar, Kalbadevi Road, Bombay 2
Pan India Overseas Co —Gandhi Mansion, New Silk Bazar, Bombay 2
Parmanand Gordhandas & Co —280, Carnac Road, Bombay 2
Patel Hosiery Mills —7-10, Botawala Building, Elphinstone Circle, Fort
Pavri, J K —10, Karim Chambers, Hamam Street, Fort
Pavri Sons & Co —93-97, Bazar Gate Street, Fort
Popatlal Ghelabhai & Co —104, Chakla Street, Bombay 3
Popular Hosiery Works —98B, Lady Hardinge Road, Matunga (Western Rly), Bombay 16
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Sampat Store —28-30, Swadeshi Market, Kalbadevi Road, Bombay 2
Shanghvi & Sons, N H, (Estd 1929) —47-48, 65-66, Swadeshi Market, Kalbadevi Road
Sigil Traders —R B Narayanlal Bansilal Compound, opp Bombay Central Station, Bombay 8
Subhav Shop —Heera Building, opp Police Commissioner's Office, Carnac Road
Sultan Haji Mahomed & Co —Kanta Terrace, 529, Kalbadevi Road, Bombay 2
Suppliers & Trading (India) Ltd —79, Medows Street, Fort
Surat Hosiery & Printing Works —Sayee Bhuwan, 143, Princess Street
S U Udeshi —Chatrabhuj Nivas, 70, Vadgadi, Bombay 3 Phone 23663
Trivedi, R, & Co —28, Lalsingh Building, Lohar Chawl
Universal Trading & Manufacturing Co —23, Jamshed Feroze Mahal, Ibrahim Rahimtoola Road, Bombay 8
Utoomal & Assudamal Co —Bombay Mutual Annexe, Gunbow Street, Fort
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Western Link Co —19, Bank Street, Fort
Whiteaway, Laidlaw & Co, Ltd —278 286, Hornby Road, Fort
Yacob Ahmed Bros —Topiwalla Mansion, Mahomedally Road

HOSPITAL EQUIPMENT & SUPPLIES

Allen & Hanburys Ltd (Incorporated in England) —Commissariat Building, Hornby Road, Fort
Bole Brothers —49, Princess Street, Bombay 2 Phone 25316
Bombay Surgico Medical Agency, Ltd —P O Box 2093, Bharucha Building Princess Street
Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort and Sethna Hall, Nesbit Road, Mazagaon, Bombay 10

DOCTOR & CO —Bombay Mutual Terrace, 534, Sandhurst Road, Bombay 7 Grams "DIATHERMY" Suppliers of Surgical,Scientific, Laboratory,Hospital and Research Equipments and Instruments

DONALD & CO —255, Princess Street, Bombay 2
Economic Electric Co, Ltd —Jail Road (East), Dongri, Bombay 9

FAIRDEAL SURGICAL CORPORATION —106, New Citizen Bank House, Palton Road, Bombay 1 Grams "FOLLOWER" Surgical Instruments and Hospital Sundries

GORDHANDAS DESAI & CO —305, Hornby Road, Fort, Bombay 1 Grams "MICROSCOPY" Phone 24808 Stockists of Surgical, Laboratory, Hospital & Scientific Instruments

Godrej Godrej & Boyce Mfg Co, Ltd —Lalbaug Parel, Bombay
Indian Oxygen & Acetylene Co Ltd The, Ghatkopar (Bombay Agra Road) Bombay Phone 87241 (4 Lines), Grams INDOXCO
Jagkumar & Co —Prospect Chambers Annexe, Hornby Road, Fort
Jitendraray & Co —37 185, Princess Street
Kapadia Brothers —Kalan Building No 3, Kandewadi, Bombay 4

MALGHAM BROS —26, Old Custom House Road, Fort Surgical and X-Ray Equipment. Phone: 25324 Grams "MALGHAM"

NATIONAL STEEL EQUIPMENT CO —Naigaum Road, (near Spring Mills), Dadar, Bombay 14 Phone. 61755 Grams "BEDLOCKER" Specialists in Aseptic Hospital Furniture

Powells Ltd —431, Lamington Road, Bombay 4

PREM MOTWANI —70, Ebrahim Mansion, 366/68, Kalbadevi Road, Bombay 2 Importers, Wholesale and Retailers in all Surgical and Hospital instruments and appliances Phone 40658 Grams "THROUGHOUT"

RAJ-DER-KAR & CO —Commissariat Building, Hornby Road, Fort For Research and Industries Phone: 27304

Reliance Electric & Hardware Stores —55, Krishna Bhuvan, Lohar Chawl
Salemahomed Padamsee & Co —141, Chakla Street, P O Box 3131, Bombay 3

SHAH, M, & CO —Kanji Mansion, Sandhurst Road, Bombay 4

Shanti Trading Co —Vithal Sayana Building No 2, Lohar Chawl, Bombay 2
Vazir Enamel Works Ltd —31, Tank Bunder Estate, Bombay.
Victor X Ray Corporation (India) Ltd —Thackersey House, Graham Road, Ballard Estate, Bombay 1

HOTELS AND RESTAURANTS

Arya Nivas Hindu Hotel —Opp Vithalwadi, Kalbadevi Road
Brandon & Co, Ltd —Victoria Terminus
Bristol Grill —Laxmi Buildings, Sir Phirozshah Mehta Road, Fort
Chambers De-Luxe —Dar ul Habib, 29, Marine Drive
Chetana —34, Rampart Row, Fort
Elphinstone Hotel —Gulshan Chambers, Hornby Road, Fort
Empire Hindu Hotel —Hornby Road
Eros Theatre & Restaurant Ltd —Cambata Building, Queen's Road, Churchgate Reclamation.

Frederick's Hotel —Lansdowne Road, Apollo Bunder, Fort
George Restaurant —20, Apollo Street
Gourdon & Co —Rehmat Manzil, Churchgate Street, Fort
Grand Hotel (Pombay) Ltd Ballard Estate Fort

GREEN'S HOTEL & RESTAURANT —Apollo Bunder, Fort

Hotel Lawrence —Rampart House, Rampart Road, Fort
Hotel Regal —233, Frere Road
Ideal Restaurant —Alice Building Hornby Road, Fort
Juhu Country Hotel —Juhu near Santa Cruz
Juhu Hotel & Restaurant —Vadiwala s, Juhu
Kamling Chinese Restaurant — Nagin Mahal , Churchgate Reclamation

Kashmir Hotel —Dhun Mahal, Dhobi Talao
King George VI Restaurant —Noor Mahal, King s Circle, Matunga
Leopold Cafe & Stores —No 6 Colaba Causeway, Apollo Bunder
London Hotel —Near Charni Road Junction

Madhav Ashram —Near Girgaum Police Court, Bombay 4
Majestic Hotel —Esplanade, Museum
Mayfair Restaurant —22, Rampart Row, Fort

Mello s Hotel —Nicol Road Ballard Estate
Modern Hindu Hotel —12 Wallace Street Fort
Mongini s Restaurant — Churchgate Street
Morenas & Co —65, Mahatma Gandhi Road, 22, Medows Street, Fort

National Hindu Hotel —Frere Road, opp Tram Junction Fort
New Coronation Durbar Hotel —Near Novelty Cinema, Grant Road, Tram Terminus

New Empire Restaurant, Stores & Bakery —134, Hornby Road
New Empire Stores & Restaurant —Rustom Mahal, Tram Terminus, Dadar

New Welcome Hindu Restaurant —Medows House, Tamarind Lane, Fort

New World Chinese Restaurant —Gulestan, opp Metro Cinema, Dhobi Talao

Nrisinha Hindu Lodge —177 179, Hornby Road Fort
Orient Hotel —Orient Hotel Building Crawford Market High Class Cosmopolitan Hotel, moderate charges Phone 22232 Grams ' Homelikely

Orient Hotel —Oomrigar Building, opp Crawford Market
Outram Private Hotel —Menkwa Building, Outram Road, Fort
Picnic Cottages Restaurant —Versova, near Andheri
Purohit Hotel —Parekh Mahal, Churchgate Street

Purohit Restaurant & Stores —Krishna Building, Fort Street, Fort
Pyrke s Apollo Hotel —Lansdowne Road, Apollo Bunder
Railway Hotel — Charni Road
Regent Hotel —Ballard Pier
Ritz Hotel and Restaurant Churchgate Reclamation near Eros Cinema Bombay

Royal Hotel —Hassam Chambers, Parsi Bazar Street, Fort
Sardar Griha —Carnac Road
Savoy Hotel & Restaurant —Lamington Road, next to Bombay Central

Sea View Chinese Restaurant —Apollo Bunder, Fort
Sea View Hotel —221 225 Frere Road, opp G P O , Fort

Sea View Restaurant —Juhu, Santa Cruz
Ship Hotel —Opp General Post Office 219, Frere Road, Fort
Shree Krishna Boarding House —Girgaum Tram Terminus, Bombay 4

Simla and Calcutta Hotel —Mangalore Street, Fort
Strand Hotel Strand Road, Apollo Bunder Bombay 1

TAJ MAHAL HOTEL, THE —Apollo Bunder Grams : "INHOTELS " Phone 29501 (10 lines)

Tambe, B Ltd —Sanzgiri Sadan Girgaon Road, Bombay 4
Vianelli A Hotel —Chowpatty Sea Face
Wayside Inn —Rampart Row, Fort

Welcome Hindu Restaurant —Medows Street, Fort
Welcome Hotel —Frere Road, Fort
West End Hotel —(Proprietors West End Hotel Ltd), 45, New Marine Lines, Bombay

HOUSE AND ESTATE AGENTS

Brijmohan Banwarilal —61 Reay Road, Mazagaon, Bombay 10
Dastur & Sons, M B —Ismail Building, Hornby Road, Fort
Estates Valuation & Engineering Co — 20, Old Custom House Road, Fort

GILBERT LODGE & CO —"Elphinstone House," Vir Nariman Street, Fort Phones 22107 & 31709

Mayfair Furnishing Co —Great Western Building, Apollo Street, Fort
Narayanrao Kulkarni & Co —20, Hamam Street, Fort
Rao Saheb Rawji Sojpal & Sons —322, Shanti Niketan, Vincent Road, Kingsway, Matunga
Royal House Agency —Rehman Building, Churchgate Street, Fort

HUMIDIFICATION—VENTILATION

ASEA ELECTRIC INDIA, LIMITED —Tafti Building, Goa Street, Bombay

INDUSTRIAL AIR CONTROL (INDIA) LTD —Karimjee House, 2nd Floor, 59, Sir Phirozshah Mehta Road, Fort, Bombay Phone 34369 Grams "COOLAIR" Concessionaires for Westinghouse Sturtevant Division, New York All air handling Equipments

ICE FACTORIES

Bakhtawar Ice Factory —Kumbharwada, Dadar
Bombay Ammonia Refg Stores & Packing Co —Bazargate Street, Fort
Bombay Crystal Ice Works —179, Motisha Lane, Mazagaon

CENTRAL ICE & COLD STORAGE CO —Saboo Sidick Road, Crawford Market, Bombay Phone 34346

City Ice Supplying & Cold Storage Ltd —298 Bazargate Street, Fort
Dhunjibhoy's Ice Factory —Mount Road Mazagaon

HOMILA ICE WORKS, COLD STORAGE AND REFRIGERATION —Manufacturers of Pure and Colourless Ice 33-C, Jerajbhoy Street, Near Municipal Workshop, Foras Road, Bombay 8 (India) Phone No 71692

Paramount (India) Ltd —Kermani Building, Sir Phirozshah Mehta Road, Fort
Siddley Ice Factory —505A Arthur Road Tardeo
Sitaram Industries —Byculla Bridge Hansraj Lane Byculla
Spas Mineral & Ice Factory —Lamington Road (North) off Jacob Circle
Sunawalla Ice Factory & Cold Storage & Refrigeration (Estd 1918) — Factory 188, Lamington Road behind Minerva Talkies, Bombay 7

ICE & ICE-CREAM MACHINE

Asian Trading Corporation —Post Box No 1505, 20, Mangesh Shenoy Street Bombay 1
Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road
Pans & Co — 105, Apollo Street, Fort, Bombay

IMPORT AND EXPORT FIRMS (GENERAL)

Abdool Hoosein Jivajee & Co —241 Nagdevi Street, Bombay 3
Abdoola Joosab Calcuttawalla & Co —137 41, Samuel Street, Bombay 9
Abdul Karim & Co —Mohomed Manzil, 59 59A, Memonwada Road
Abdul Razak & Co — Opp Jumma Masjid, Takiaward, Kurla
Abdulkhadar Shamsuddin & Co —48 Khoka Bazar, Bombay 3
Abdulla A Baker & Co —89 Bhajpala Street, Bombay 3
Acme Agencies —20, Hammam Street, Fort
Adamally Sons Ltd —277 Nagdevi Street Bombay 3
Advani & Co , G V —Prospect Chambers, Hornby Road, Fort, Bombay
Advani, J B , & Co , Ltd —Advani Chambers, Sir Phirozshah Mehta Road
Afghan Commercial Co (India) Ltd — Sonawala Building, 65, Apollo Street Fort
A Hassanally —F 90, Mahomedali Road, Bombay 3
A H Gandhi —Bansilal Mansion Bruce Street Fort Bombay 1
Ahmed Abdul Karim Bros , Ltd —Karim Mansion, Junction of Mahomedally and Musjid Bunder Roads
Ahoora Trading Co —220, Parsi Bazar Street, Fort, Bombay
Ahuja, C M , & Co —Peoples Building, Sir Phirozshah Mehta Road, Fort
Alfred Herbert (India), Ltd —Kaiser i Hind Buildings, Ballard Estate
Allabux, M , & Co —110 12, Cawasji Patel Street, Fort
Alliance Stores & Trading Co —Princess Street Bombay 2
Allied Exporters —Kumud House, opp Lloyds Bank, 267, Hornby Road Fort
All India Trading Corporation —25, Bank Street, Fort
American Trading Co , Ltd —Rustom Building, 29, Churchgate Street Fort, Bombay
Amin Importers —7 10, Elphinstone Circle, Fort
Amin & Sons —180 82, Samuel Street, Vadgadi
Amrut Trading Co —44 Kumar Vilas Mangalwadi, Girgaum
Anand Trading Co —234, Masjid Bunder Road, Bombay 3
Anglo Oriental Light Co —Pocrbhoy Building No 2, 89 Princess Street Bombay 2
Anil Brothers —44/46, Dhanji Street, Bombay 3
Anil Kumar & Co , Ltd —121 123, Princess Street, Bombay 2
Arcies Laboratories Ltd —Kotkar Building, 391, Arthur Road

AROLA BROTHERS —75, New Citizen Bank House, Palton Road, Bombay 1 Grams "ATROB" Importers of Stationery, Optical goods, Hardware, old Newspaper Exporters, Zari Goods Novelties

Aroon & Co —6, Sir Phirozshah Mehta Road, Fort

ARVINDA TRADING CO , LTD —Importers and Manufacturers' Agents, 105, Apollo Street, Fort, Bombay Grams "RADIANT" Phone 32313 Managing Director R P Patel

Asbestos and Engineering Stores, The —30, Western India Building, Sir Phirozshah Mehta Road

Ashar & Co , P K —Govind Chowk, Mulji Jetha Market Bombay 2

Ashar Trading Co —75 79, Old Hanuman Lane, Bombay 2

ASHOK OVERSEAS TRADING CO , LTD —543, Kalbadevi Road, P O Box 2501, Bombay 2 Importers of Umbrellas & Accessories, Cycles & Accessories, Electrical Accessories, Cotton Piece-goods and Sundries.

Asian Textile Engineering Corporation —Kermani Building, Sir Phirozshah Mehta Road Fort

Asian Traders —Kitab Mahal, 192, Hornby Road Fort

Asian Trading Corporation —P O Box No 1505, 20 Mangesh Street, Bombay

Asiatic Mill Stores Trading Co —89, Princess Street Bombay 2

Askay & Co , Ltd —Great Social Building, Sir Phirozshah Mehta Road, Fort, Bombay

Asok Bros Ltd — Mubarak Manzil 104 Apollo Street, Fort

Associated Agencies (Bombay) —47, Podar Chambers, Parsi Bazar Street, Fort

Associated Auto Parts Ltd — 445 Lamington Road Bombay 4

Associated Corporation of Industries (India) Ltd —Commerce House, Currimbhoy Road Ballard Estate, Bombay 1

Associated Services Ltd —Alli Chambers, Medows Street, Fort

Associated Trading Agency —141, Sayee Bhuvan, Lohar Street, Bombay 2

Atlas Engineering Co —Head Office 26 Advani Chambers, Sir Phirozshah Mehta Road Fort Bombay

Aurora (Irade) Service —13, Khattarally Lane, Hira Baug, Bombay 4

Austerlitz —People's Building Sir Phirozshah Mehta Road, Fort

Badat Ltd —105, Sir Vithaldas Chambers, 16 Apollo Street, Fort

Bajaj Brothers Ltd —Round Building, Kalbadevi Road

Bakshi Ram & Co —129, Modi Street, Fort

Bakubhai Ambalal, Ltd —National Insurance Building, 27, Bastion Road, Fort

Balmer Lawrie & Co Ltd —5 Graham Road Ballard Estate, Fort

Banwarilal & Co , Ltd —Peoples Building, Sir Phirozshah Mehta Road, Fort

Banwarilal & Co , Ltd —Queens Mansions, Bastion Road, Fort

Bardiya, W K , & Company — 155, Modi Street Fort

Bashir, S M , & Bros —Bachooali House Haji Bachooali Road

BATLIBOI & CO —Engineers & Machinery Importers Head Office Forbes Street, Fort, Bombay 1 Phone Nos 30007-8-9 (three lines) Tel Address "BATLIBOICO" Branches Batliboi House, Nagdevi Cross Lane, Bombay 3 , 3-153, Broadway, Madras , P-34, Mission Row Extension, Calcutta , 55-5, Japan Building, New Chowri, Delhi, 12-5D, Variety Hall Road, Coimbatore , Reid Road, Ahmedabad 26-59, Birhana Road, Kanpur

Batlibhoi, C J & Co —319, Hornby Road, Fort

BATLIWALLA & CO —Mherwan Building, Sir Phirozshah Mehta Road, Fort Importers, Exporters and General Merchants Partners R B Batliwalla , M S Batliwalla , F B Batliwalla , B S Batliwalla Phone 24267 Residence Phone No 89249

Beardsell, W A , & Co , Ltd —15 16, Sir Phirozshah Mehta Road, Fort

Begbie, Phillips & Hayley, Ltd —Behramji Mansions, Sir Phirozshah Mehta Road

Begraj Gupta & Co —207, Kalbadevi Road, Bombay 2

Bhagwandas Chatrabhuj —20, Hamam Street, Fort

Bhagwandas Devshi, Ltd —87, Princess Street

Bhagwandas Sant Parkash —50 Nakhuda Street, Bombay 3

Bhaidas Cursondas & Co —Sir Vithaldas Chambers, 16, Apollo Street, Fort

Bhandari Brothers Ltd —Dadyseth House, 44, Cawasji Patel Street, Fort

Bhanji Lavji Porbandar Ghee Supply Agency —Shroff Mansion, 258, Kalbadevi Road

BHANOO TRADING CO —29, Imperial Chambers, Wilson Road, Ballard Estate Phone No 30101 Grams "SANGHANI" General Importers, interested in Woollen, Cotton, Art Silk, Silk, Piece-goods, Fents and Remnants, Hardware Tools, Electric Appliances, Measuring Instruments, Incandescent Lights and Parts and Paper Stationery, Fountainpens and Parts

Bhanusali Brothers Ltd —Bhanushali Chambers, 168, Argyle Road, Bombay 9

Bharat Industrial Co —77 79, Nagdevi Cross Lane, Bombay 3

Bhargava & Co , K C — 1 O Box No 19, Bombay 1

Bhargava & Co , K L —94 Medows Street, Fort

Bheroomal Ghanoomall —42, Dhanukar Building, Kalbadevi Road

Bhimjee & Co —Devkaran Building, 17 Elphinstone Circle, Fort

Bhukanwala & Sons —Medows House, Medows Street, Fort

Biddle Sawyer & Co (India) Ltd —25, Dalal Street, Fort

Birla Bros , Ltd —Imperial Bank Annexe, Bank Street, Fort

Blackwoods India Ltd —Podar Chambers, Parsi Bazar Street, Fort

Blascheck, H , & Co —Dadyseth House opp Hongkong Bank, Fort

Bomanji Dhunjibhoy Ltd —17 Murzban Road, Fort

Bombay Dyes & Chemical Co —Shree Ram Market Vadgadi

Bombay Import and Export Agency —Cama House, opp Lloyds Bank, Hornby Road, Fort

Bombay Importing Agency —75 77, Sarang Street, Bombay 3

Bombay Machine Store Co , The —Laxmi Building, 43, Nagdevi Cross Lane, Bombay 3

Bombay Trading Co —Dhun Nur, Sir Phirozshah Mehta Road Fort

Bottomley, A C , & Co —Wavell House, Graham Road, Ballard Estate

Brady W H & Co , Ltd —Royal Insurance Buildings, Churchgate Street Fort

Brigg Bros & Co —Graham Building, Parsee Bazar Street

Brijlal H R , & Co —Beaumon Chambers, 27 33, Medows Street, Fort

Budhabhoy Noorbhoy & Co —190 Abdul Rehman Street, Bombay 3

Bulchand Co L —Moos Building 510 Kalbadevi Road Bombay 2

Burrows, W J —Khatau Building, 40 44 Old Custom House Road, Fort

Busheri M A , & Co —69 71 Ghoga Street, Fort

Byramji, F & Co —Central Bank Building, Mahatma Gandhi Road, Fort

Calcutta Sola Hat Agency —Dwarkadas Building, Mangaldas Road Bombay 2

Calico General Export Co —12, Rampart Row, Fort

Capital Colour & Chemical Co —77 87, Mirchi Street, Vadgadi Bombay 3

Cawasji Behramji & Co —City Ice Building, 298, Bazargate Street, Fort

Central Syndicate Ltd —16/18, Custom House Road, Fort

Central Trading Co —81 Cowasji Patel Street, Fort

C Jivanlal & Co —Azad Bhuvan, Masjid Bunder Road, Bombay

CHHAGANLAL (INDIA) IMPORTS —42, Argyle Road, Carnac Bunder, Bombay 9 Grams "CONTRACTS" Phone 20751 Importers and Manufacturers' Representatives Importers of Chemicals, Dyestuffs, Textiles, Machinery, Small Tools, Iron and Steel, Hardware, Printing Press Materials, Newsprints, Non Ferrous metals, etc , etc

Champaklal Morarji & Co —193 Samuel Street, Vadgadi, Bombay 9

Chaoul A Dubbah —Bombay Mutual Building, Hornby Road, Fort

Chavannes & Co , Ltd —Menkwa Building, 10, Outram Road

Checker Bros —Coronation Building Gunbow Street, Fort

Chellsons Ltd —Gazder House, Dhobi Talao Bombay 2

Chimanlal & Co —38/42, Shamsett Street, Bombay

Chimanlal Patel & Co —174 Hornby Road Fort

Chimanlal Vadilal & Co —80, Abdul Rehman Street

Chinoobhai & Bros , Ltd —Churchgate House, Churchgate Street

Chisa Trading Co —Noble Chambers, Parsi Bazar Street, Fort P O Box No 1164

Chokhani Brothers —59, Forbes Street, Fort

Chokshi H , & Co — 100, Medows Street, Fort

Chotirmall & Co K A I —501, Kalbadevi Road, Bombay 2

Chudgor & Co —34, Daryasthan, Vadgadi, Bombay 3

Clarke & Smith (India), Ltd —Esmail Building, Hornby Road, Fort

Clubwalla & Co —27 29, Hammam Street

Collinson & Co , Ltd —Standard Building, Hornby Road, Fort

Commercial Finances, Ltd —Great Social Building, Sir Phirozshah Mehta Road, Fort

Commercial Syndicate Ltd —Krishna Building, 143, Hornby Road, Fort

Consumers Services Ltd —Podar Chambers, 109 Parsi Bazar Street, Fort

Continental Export & Import Co —Mehta Building, 47, Medows Street, Fort

Cooper & Co —53, Abdul Rehman Street

Corn Products Co (India), Ltd —Shrinivas House, Waudby Road, Fort

Cosmo Trading Corporation —156, Sheikh Memon Street, Bombay 2

Cotton Agents Ltd —Imperial Bank Annexe Bank Street Fort

Craftsman Electromic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort and Sethna Hill, Nesbit Road, Mazagaon, Bombay 10

Crystal Company —149, Hatim Manzil, Frere Road, Carnac Bridge

Crystal & Co , J —111 Mahatma Gandhi Road Fort

Curmally Jan Mahomed —160 162 Samuel Street, Bombay 9

Curtis & Co , Ltd J — 36 40, Mahalaxmi Bridge Arcade, Bombay 11

Dadajee Dhackjee & Co , Ltd —Shree Pant Bhuvan Sandhurst Bridge

Dali B Shroff & Co —361, Hornby Road, Fort

Dangoor, H E , & Co —Commissariat Building, Hornby Road, Fort

DANN-DECKER COMPANY —People's Building, Sir Phirozshah Mehta Road, Fort, Bombay Phone 33886 Cable "DANDEKERCO", Bombay

Daruwalla, M N & Co —20, Apollo Street, Fort

Das & Co —59, Apollo Street, Fort

Dave, J M, & Co —Kanta Terrace, Silk Bazar, 529, Kalbadevi Road, Bombay 2
Dawood Hajee Nasser & Co —Maneckia Chambers, 1st Marine Street, Dhobi Talao
D Chellaram — 'Dhan Nur,' Sir Phirozshah Mehta Road, Fort
Dee Bright & Co (India) Ltd —Cutch Castle, Sandhurst Road, Bombay 4 Phone 45075
Devidas Mulji Kapadia —Yusuf Building, Hornby Road, Fort
Devidas Nandalal & Co —241 3, Abdul Rehman Street, Bombay 3
Dhani Ram & Sons —236, Musjid Bunder Road, Bombay 3
Dhirajlal & Co —62, Princess Street
Dhirajlal Morarji —Mulchand Mansion, Princess Street, Bombay 2
DIALDAS, M, & SONS —Haroon Building, 190, Princess Street, Bombay 2
Diamond Electric Co —18, Hamam Street, Fort
Dickinson John & Co, Ltd —Kumpta Street, Fort
Dilaj & Co —20, Hamam Street, Fort
DINANATH SONS —468, Kalbadevi Road, Bombay 2 Phone 24719 Grams "PROCESSOR" Importers & Exporters of Cotton, Silks, Art Silk, Woollen Piece-goods & Yarn and Manufacturers' Representatives
Dunker Trading Co 9697, Bhandari Street, Bombay 3
Dodsal Limited 31, Murzban Road Fort Bombay
Dominion Products - Saheb Building, 199, Hornby Road, Fort, Bombay
Dorsett G C, & Co —Brabourne Stadium Churchgate Reclamation
Dossa Ltd G —Jan Mansion Sir Phirozshah Mehta Road, Fort
D Manilal & Co —Harischandra Nivas, 419 A, Kalbadevi Road, Bombay 2
D Patel & Co (Estd 1916) —Gaumukh Gully, Mulji Jetha Market, Bombay No 2
Drennan & Co —Neville House, Ballard Estate
Dubash Freres & Co —Victoria Building Parsee Bazar Street, Fort
Dusaj, R S, & Co Ltd —63, Princess Street
Dwarkadas & Sons, Ltd —Mehta House, 89, Apollo Street, Fort
Dwarkadas Vulji Talpatriwalla —36, Isaji Street, Bombay 3
EAST AFRICAN TRADERS —75, Khand Bazar, Bombay 3 Grams "JAMBOSANA"
EAST ASIATIC COMPANY (INDIA), LTD —Wavell House, Graham Road, Ballard Estate Phone 30995
East India Trading Co —Shrinath Bhuvan, 27, Picket Cross Road, Lohar Chawl
East & West Associates, Ltd —36, Yusuf Building, Churchgate Street, Fort
Eastern Afghan Traders —35, People s Building, Sir Phirozshah Mehta Road, Fort
EASTERN EXPRESS SERVICE CO —Sir Vithaldas Chambers, 16, Apollo Street, Fort
Eastern Import & Export Co —Jan Mansion, Sir Phirozshah Mehta Road, Fort
Eastern Import & Export Bureau —3 5, Vithalwadi, Bombay 2
Ebrahim Allibhoy & Sons —260 64, Abdul Rehman Street, Bombay 2
Ebrahim Manji & Co, Ltd —Kamar Building, Cawasji Patel Street, Fort
Ebrahim Noorudin & Co —" Kagdy Manzil, 119, Bazar Gate Street, Fort
Ebster Electric Co —318, Lamington Road, next to Police Station, Bombay 7
ECHKE LIMITED —43, Tamarind Lane, 4th Floor, Fort Phone . 31917 Grams "ECHKE"
Eclipse Engineering Co —3, Bastion Road, Fort
Edanmal Sons, L —Krishna Nivas Building, New Silk Bazar, Bombay 2
EDGAR HANDLEY AND COMPANY LIMITED —135, Medows Street, Fort, Bombay Phones 22934 and 26884 Grams: "TROJAN"
Electro Engineering Co —Sea View, 1st Pasta Lane, Colaba
Emdas —105, Mahatma Gandhi Road, Fort
Emelie Wingrove —111, Mahatma Gandhi Road, Fort Phone No 21620 Grams "Wingrove"
Empee Agencies —40, Cawasji Patel Street, Fort, Bombay
Empire Exporting House —Sambava Chambers, Sir Phirozshah Mehta Road, Fort
Engineer Bros —Sir Vithaldas Chambers, 16, Apollo Street, Fort
Engineer, S D, & Son —Imperial Chambers, 32, Wilson Road, Ballard Estate
English Aluminium Mart —63-65, Kansara Chawl, Kalbadevi Road.
Excel Importers — 89, Princess Street, Bombay 2
Excelsior Industrial & General Co, Ltd —44, Dadyshet House, Cawasji Patel Street, Fort
Excellent Engineering Co, Ltd —11, Botawala Building, Elphinstone Circle, Fort, Bombay
Ex Import Mercantile Corporation —229, Nishanpada Road, Bombay 9
Ex Import Trading Co —Queen's Mansion, Bastion Road, Fort
Express Corporation —Co operative Insurance Building, Sir Phirozshah Mehta Road Fort
Ezra Bros —Mustafa Building, Sir Phirozshah Mehta Road, Fort, Bombay 1
Failha Trading Corporation Ltd, The —Currimbhoy House, Waudby Road, Fort
Faiz & Co —75, Abdul Rehman Street, Bombay
Fazalbhai Ibrahim & Co, Ltd —Ismail Building, Hornby Road
Fillunger, H, & Co —16, Ormiston Road, opp Electric House, Bombay 1
Firoz Trading Co —Kamer Building, Cawasji Patel Street, Fort Phone No 33832 Grams Polestar'
Flory Consolidated Co (India) Ltd —Advani Chambers, Sir Phirozshah Mehta Road, Fort
Foreign Products Distributing Co —Ramachandra Mansion, 491, Sandhurst Road
Foster, H J, & Co, Ltd —Worli, Bombay No 18
Framroz M Chinoy & Sons —Motiwala Mansions, Gowalia Tank, Bombay 26
Frangi, N S (India) —32, Apollo Street, Fort
Frank Rose & Co —"Kalim Kutir", 211 219, Frere Road, Fort, Bombay 1
Freight Carriers Ltd —Medows House, Medows Street, Fort
Fruit Farm Products Company —Byramji Mansion, Sir Phirozshah Mehta Road, Fort
Gangaram & Co —313, 3rd Floor, Himalaya House, Paltan Road, Bombay 1
Gazdar, F K N —551, Jam e Jamshed Road, Bombay 19
G Arjan (India) Co —108, Himalaya House Paltan Road, Bombay1
G A Randerian Limited —Randerian House, 111 115, Kazi Sayed Street, Bombay
G RAMCHAND —521, Kalbadevi Road, opp Edward Cinema P O Box 2341 Tel No 34097 Grams "BROADLAND" Exporter of Cotton Textiles, Yarns, Hosiery & Leather Manufactures, Indian Curios, Carpets and Sundries, Essential Oils, Oil Seeds, Oil-cake, Raw Jute & Jute Manufacturer, Aluminium Utensils, Coir Goods, etc. and Manufacturers' Representative
Gandhi Sons Ltd —232 Samuel Street, Vadgadi
Gannon, Dunkerley & Co, Ltd —Chartered Bank Building, Mahatma Gandhi Road, Fort
Gaytee and Company — Janmabhoomi Chambers, Fort Street, Fort Grams IMPLNG Phone 32149
General Commercial Co —41, Kolbhat Street, Kalbadevi
General Engineering Corpn —249, Frere Road, Fort
General Sales Corporation —105, Sir Vithaldas Chambers, Apollo Street, Fort
George Davidson Co —34, Western India House, Post Box 812, Sir Phirozshah Mehta Road, Fort
Getz Bros & Co —Western India House, Sir Phirozshah Mehta Road Fort Bombay
Ghadiali, J P, & Co —12, Rampart Row, Fort
G HIRA & CO —Lotus Building, Near Evans Fraser, Hornby Road, Fort, Bombay Phone: 28541 Grams "GEEIMEX." Importers & Exporters of Textiles, Yarns, Stationery, Chemicals, all sorts of Oils, Sago Flour, Electrical Goods, Sanitary-wares, etc
Gill & Grewall (India) —57, Razmah, Lady Jamshedji Road, Bombay 28
Gin Store Co, The —76, Nagdevi Cross Lane, Bombay 3
Girdharlal & Co —48, Podar Chambers, Parsi Bazar Street, Fort G P O Box 826
Gladwyn & Co —251, Hornby Road, Fort, Bombay 1
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Ratilal Dayabhai Shah —Tambakanta, Pydhonie, Bombay
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Reliance Trading Co —25/47, Lohar Street Bombay 2
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Rhode (India) Ltd - Dena Bank Building, 2nd Floor, Elphinstone Circle, Fort Bombay 1
Ritchie (India) Ltd —Queen's Mansions, Bastion Road, Fort
RIVIERA TRADERS —Jan Mansion, Sir Phirozshah Mehta Road, Fort, Bombay P O Box No 917 Phone 24709 Grams "KAMPAL"
R M Bulakhidas —Vithaldas Road, Bombay 2 Phone 30446
Robert Chamlian —31, Forbes Street, Fort
Ronald Bros —25, Bank Street, Fort, P O Box 1420, Bombay
Roop Kala —Queen's Chambers, Queen s Road, opp Marine Bridge
Rowe & Rowe —Above Eastern Bank, 381, Hornby Road, Fort, Post Box No 622, Bombay
R P Shah & Co —12, Bell Lane, Fort
Ruby Trading Co —Sambava Chambers, Sir Phirozshah Mehta Road, Fort
Rupani & Co —Lentin Chambers, Dalal Street, Fort
Saapen Company —Jan Mansion, Sir Phirozshah Mehta Road, Fort
Saboowalla Kamruddin Hakimji —P O Box 1146, Crawford Market
Sahney Commercial Co —Queen's Mansions, Bastion Road, Fort

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Salu & Co —Esplanade Mansion, Esplanade Road, Fort
Sanghani & Co —178-180, Abdul Rehman Street
Sarabhai & Co —Western India House, Sir Phirozshah Mehta Road, Fort
Sarabhai & Sons —Prospect Chambers, Hornby Road, Fort
Sarda Mill Stores —Aga Khan Building, Dalal Street, Fort
Satya Prakash Dyes & Chemicals Ltd —Hornby Building, 174, Hornby Road, Fort
Sepulchre Brothers (India) Ltd —Taj Building, 210, Hornby Road
Sethisons Ltd —12 Rampart Row, Fort
Sewaram Girdharilal —354, Kalbadevi Road, Bombay 2
Shah Chhaganlal Sevachand —504, Kalbadevi Road, New Silk Bazar
Shah, C J & Co —Churchgate House, Vir Nariman Street
Shah & Mehta —7, 2nd Carpenter Street, Bombay 4
Shah Narotamdas Harjivandas Co (Estd 1880) 480, Kalbadevi Road, Bombay 2
Shah Patil & Co —109 111, Nagdevi Street, Bombay 3
Shah Sheth & Co —Importers and Exporters, 264, Samuel Street, Bombay 3
Shah Trading Agencies —19, Hamam Street, Fort, Bombay 1
Shaikh & Co —94, Ali Umar Street, Bombay 3
Shamdas & Co , B 121, Himalaya House, Paltan Road, Bombay 1
Shamsun & Co —11, Bruce Street, Fort
Shantilal & Co —195 97, Abdul Rehman Street, Bombay 3
Shapurji & Co , R K —319, Hornby Road, P B 1065, Fort
Sharad Brothers —Nehru Road, Bombay 24
Sharma Trading Co —163, Lohar Chawl
Sheares, H A , & Co —G P O Box No 942, Bombay 1
Sheralli Nanjee —178, Samuel Street, Vadgadi, Bombay 9
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Shivji, K S & Co —144 46 Chakla Street, Bombay 3
Shree Jyoti Electric Trading Co —Jan Mansion, Sir Pherozshah Mehta Road, Fort
Shree Krishna Trading Co , Ltd —11, Alli Chambers, Tamarind Lane, Fort
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S Nisalson & Co —Raja Bahadur Bansilal Building, 41 A, Bruce Street, Fort
Sobraj Reloomal —Silk Bazar, Kalbadevi Road
Soho House —Vithal Sayana Building, Lohar Chawl
Sorabji Khursetji & Co —Calicut Street, Ballard Estate, Bombay
S S Prabhu —Ghamat Terrace, opp Western Rly Dadar Station, Bombay 14
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Standard Vacuum Oil Co —P O Box No 181, Neville House, Ballard Estate, Bombay 1
Steel Brothers & Co Ltd —Allahabad Bank Building, Apollo Street, Fort
Subodh Indent Agency —44, Kumar Villas, Mangalwadi, Girgaum, Bombay 4
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Suppliers & Trading (India) Ltd —79, Medows Street, Fort
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Techno Industrial Syndicate —19/B, Noble Chambers, Parsi Bazar Street, Fort

Tejbhandas & Co —65, Princess Street, Bombay 2

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Textile Industrial Trading Agency —Western India House, Sir Phirozshah Mehta Road, Fort

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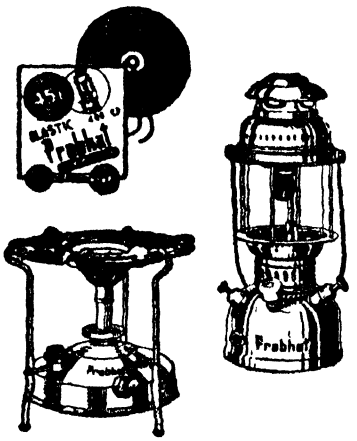

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British Electric Insulating Co —33, Forbes Street, Fort
British Insulated Callenders Cables Ltd — Esplanade House, Waudby Road Fort

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Economic Electric Co , Ltd — Jail Road, Dongri Bombay 9
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Reliance Trading Co —25/47, Johar Street, Bombay 2
William Jacks & Co , Ltd —Hamilton House, Graham Road, Ballard Estate

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Associacao Goana De Mutuo Auxilio Ltd —Associacao Building Girgaum Road, Bombay 2
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Bombay Alliance Assurance Co , Ltd —Yusuf Building, Mahatma Gandhi Road, Fort (Life)
Bombay Co operative Insurance Society, Ltd —Co operative Insurance Building, Sir Phirozshah Mehta Road, Fort (Life)
Bombay Fire and General Insurance Co , Ltd —United India Life Building Sir Phirozshah Mehta Road, Fort
Bombay Life Assurance Co , Ltd —45-47, Veer Nariman Street, Fort (Life)
Bombay Mutual Life Assurance Society Ltd —Bombay Mutual Building, Junction of Hornby Road and Sir Phirozshah Mehta Road, Fort (Life)
British Commonwealth Insurance Co Ltd —Gresham Assurance House Sir Phirozshah Mehta Road, Fort
British India General Insurance Co , Ltd —Mehta House, Apollo Street, Fort
British Traders Insurance Co , Ltd —Hongkong Bank Building, Veer Nariman Street Fort
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Eagle Star Insurance Co , Ltd —Standard Building, Hornby Road, Fort
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Gordhandas K Jhaveri & Co —Oomrigar Building, opp Crawford Market
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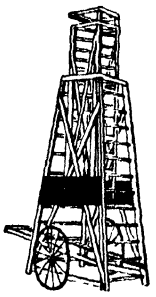

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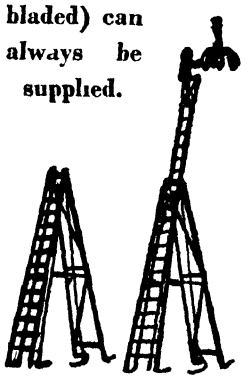

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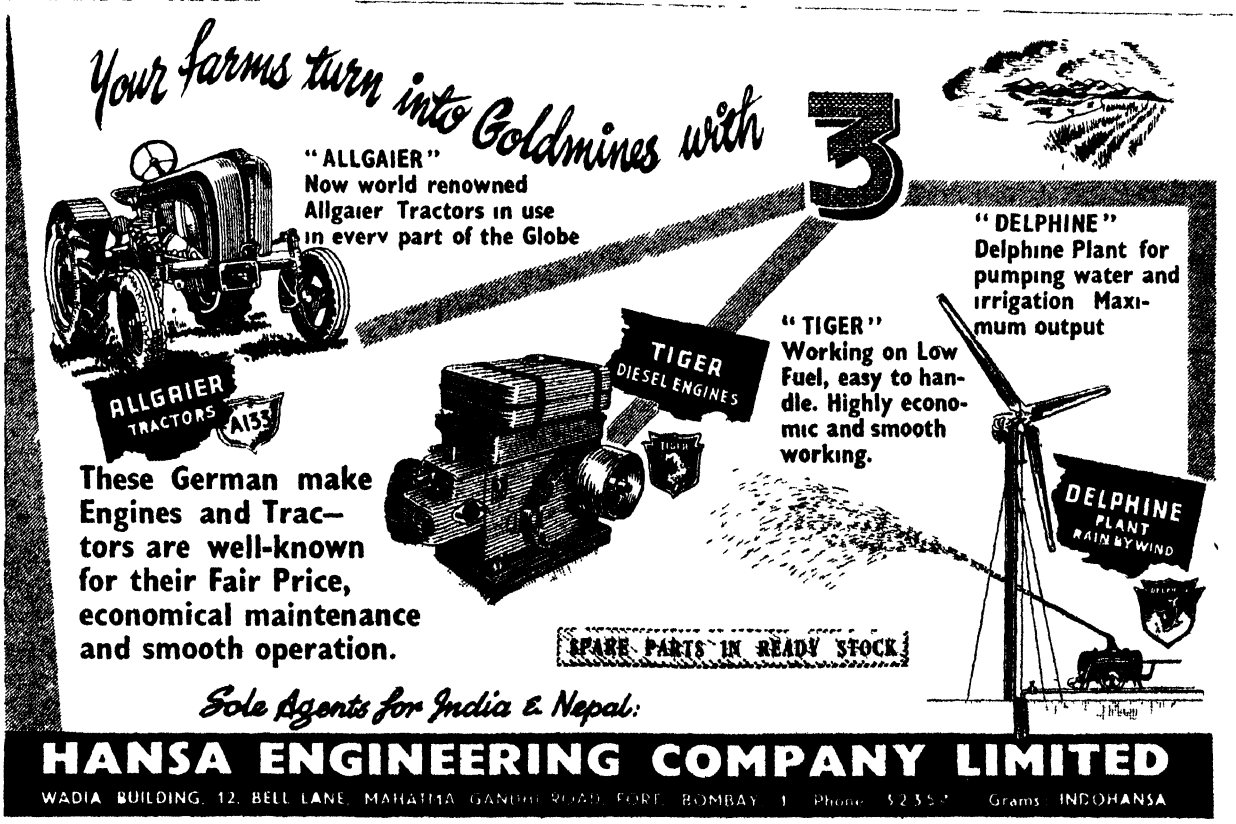

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Teamsan Traders —Post Box No 3162, Nagdevi Street, Bombay 3
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Todi & Co —41, Hamam Street, Fort
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Tribhovandas Sons Ltd —70, Dadyseth Agiary Lane, off Kalbadevi Road, Bombay 2
Trinity Industrial Stores —72-74, Nagdevi Street, Bombay 8
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United Tube & Hardware Co —146, Nagdevi Street
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Universal Tanneries, Ltd —Dharavi, Bombay 17
Universal Trading Co —79, Mohamedi House, Mohamedalli Road, Bombay 3
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Vadilal & Co , C —40, Nagdevi Cross Lane, Bombay 3
Vadilal, H , & Co —13, Tamarind Lane, Fort
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Viswabharati Trading Co —60, Modi Street, Fort
Vithaldas, G , & Co —60, Nagdevi Cross Lane
Volkart Brothers —19, Graham Road, Ballard Estate
Waghji Lakhmidas & Co —206, Samuel Street, Vadgadi

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Wallace, P R , & Sons, Ltd —Elphinstone Building, 10, Vir Nariman Street, Fort
Western Engineering Co —Western India House, Sir Phirozshah Mehta Road, Fort P O Box 75
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Industrial Minerals & Chemicals Co —125, Narayan Dhuru Street, Bombay 3

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Chimanlal Patel & Co —124, Hornby Road, Fort
Coal Mining & State Minerals Ltd —Alice Bldg , Hornby Road, Fort
Cross & Sankey (India) Ltd —Jan Mansion, Sir Phirozshah Mehta Road, Fort
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Singham Bros & Co (India) Ltd —P O Box 894, Bell Building Sir Phirozshah Mehta Road, Fort
Standard Pulverising Co —Atlas Mill Compound, Reay Road, Bombay 10
Suchin & Co —65, Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Sunder Minerals —76 2, Jal Tirath Mansion, 5th Floor Barrack Road, Dhobi Talao, Bombay 1
Tavaria Bros —Dhan Nur Sir Phirozshah Mehta Road, Fort
Todi & Co —41, Hamam Street, Fort
Traders Syndicate —Manu Mansion, 16, Old Custom House Road, Fort

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East India Trading Co —Shrinath Bhuvan, 27, Picket Cross Road, Lohar Chawl
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Bharat '—Akhil Bharat Printers Ltd, 341, Tardeo
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"EVENING NEWS OF INDIA"—Times Building, Hornby Road, Fort

"Free Press Bulletin —21, Dalal Street, Fort
"Free Press Journal '— 21, Dalal Street, Fort

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"Reuters Commercial, Financial and Shipping Service' —357 Hornby Road, Fort
"Reuter's Indian Journal" —357, Hornby Road, Fort

"TIMES OF INDIA"—Times Building, Hornby Road, Fort

WEEKLY

"All-India Weekly"—41, Hamam Street, Fort
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'Logic'—Rangbhoomi Printing Press, 141, Shivaji Park, Dadar
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"New Leader"—Kothari Printing Works, Sir Phirozshah Mehta Road, Fort
Screen —Standard Printing Press, Colaba
'Sporting Times'—143, Esplanade Road, Fort
'Sunday Standard —Standard Printing Press, Colaba
"TIMES OF INDIA" (Sunday Edition)—Hornby Road, Fort

FORTNIGHTLY

"Final Selection"—47, C P Tank, Bombay 4
Mangalorean —399, Hornby Road, Fort
"Problem"—Victoria Printing Works, 322, Denawadi, Bombay 2
"Property Market'—Churchgate Street, Fort
Psycho"—Podar Chambers, Fort
"Racing Calendar'—Caxton Press, Frere Road
"Radical Humanist'—Western Printers and Publishers, 15 23, Hamam Street, Fort
Student —350, Lamington Road, Bombay 7

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"Industry and Finance"—37, Mugbhat Cross Lane, Bombay 4

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Sound Magazine' (Estd 1942)—Advani Chambers, Sir Phirozshah Mehta Road, Fort
"Talkie Herald.'—Sir Phirozshah Mehta Road, Fort
"Trade Unions Record —Bombay Vaibhav Press, Servants of India Society, Bombay 4

QUARTERLY

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"Social Service Quarterly —Servants of India Society's House, Sandhurst Road
'Textile Digest —India Printing Works, 9, Bakehouse Lane, Fort

ANNUAL

Importers' Annual of India —Imperial Chambers, Wilson Road, Ballard Estate

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'Chabuk'—Kumar Printing Press, Vilen Lane, Bombay 4
'Goa Mail'—322, Girgaum Road, Thakurdwar
"Goa Times"—84-86, 1st Marine Lines, Dhobi Talao
Udentichem Neketr' (Konkani)—Examiner Press, Medows Street Fort

MARATHI

DAILY

'Chhatrapati Shivaji Commercial News"—Ambedkar Art Printing Press, 2, Carpenter Lane, Bombay 4
'Cole Daily News"—31, Tribhuvan Road
"Daily News."—Daily Samachar Press, Krishna Building, Falkland Road
"Final Sadanand'—Power Printing Press, Kandewadi, Bombay 4
"Jordar Patrika"—Kotuleshwar Printing Press, Fanaswadi, Bombay 2
"Lokasatta'—Standard Press, Newspaper House, Colaba.
"Lokmanya"—Janmabhoomi Mudranalaya, Medows Street, Fort
"Nava Bharat"—Akhil Bharat Printers Ltd , Tardeo, Bombay 7
"Navakal"—13, Shenviwadi, Kandewadi, Girgaum
"Navshakti"—Navshakti Printing Press, 21, Dalal Street, Fort

WEEKLY

"Dhanurdhari"—Ramkrishna Printing Press, 15-17, Tribhuvan Road
"Janata"—190-C, Jivaji Mansion, Vincent Road, Dadar
"Kamgar"—Hind Mata Printing Press, Jerbai Wadia Road
"Lokasatta"—Standard Press, Newspaper House, Colaba
"Mouj"—Khatau Makanji Wadi, Girgaum
"Navakal"—13, Shenviwadi, Bombay 4
"Navayug"—Atre Printing Press, Vithalbhai Patel Road, Bombay 4
"Sadhana"—Sadhana Printing Press, Bombay 11
"Swarajya"—Shanti Nivas, Vithalbhai Patel Road, Bombay 2
"Taraka"—Lakshmi Narayan Printing Press, 364, Thakurdwar
"Veni"—Movin Mudranalaya, Two Tanks, Bombay 4
"Vivek"—Ramkrishna Printing Press, Girgaon, Bombay 4
"Vividh Vritta"—Shri Laxmi Narayan Printing Press, Thakurdwar

FORTNIGHTLY

'Daivadnya Prabodhini'—Vinaya Press, 267, Girgaum Road, Kandewadi
'Saksharata Deep'—Opp G P O, Bombay
'Shipai'—Vijay Printing Press, 269, Girgaon Road, Bombay 4
"Soviet Mitra"—Famous Printers, 12, Tribhuvan Road, Bombay 4
"Vaibhav'—Navyug Printing Press, Portuguese Church Street, Bombay 14

MONTHLY

"Adarsh Vaishya'—Ramkrishna Printing Press, Tribhuvan Road
"Bhavsar Prakash"—Sagar Sahitya Press, Tribhuvan Road
'Daivadnya Samachar"—Vadan Building, Tara Temple Lane
"Girni Samachar'—364, Thakurdwar Road
"Kunabi Udaya"—Shripad Printing Press, Kandewadi
Maccabi"—Shri Laxminarayan Press, Bombay 2
'Monthly Organ of Maharashtra Chamber of Commerce—Popular Printing Press, Ballard Estate
'Nateshwar"—Yashwant Printing Press, 16, Cow Lane, Bombay 4
Prabhu Taruna"—Girgaum Back Road
'Prabu Prabhat'—Zaoba's Oart
'Samikshak"—Atre Printing Press, 362, Vithalbhai Patel Road, Bombay 4
'Sanmitra Samachar—294, Govindwadi, Kalbadevi
"Sinhanad"—Morland Road, Byculla
"Vaishya Patrika"—Ramkrishna Printing Press, Tribhuvan Road
'Zarapkar—Tulsi Pipe Road, Dadar

GUJARATI

DAILY

"Bombay Samachar"—Red House Elphinstone Circle
"Cole Daily News'—31, Tribhuvan Road
"Cutch Mitra—(Thrice a Week), Mitra Printery, 73, Gokhale Road North, Dadar, Bombay 14
"Daily News"—Krishna Building, Golpitha
"Hindustan'—Akhil Bharat Printers Ltd, Press, Tardeo, Bombay 7
"Jam e Jamshed—(Anglo Gujarati), Jam e Jamshed Press, Ballard Estate
'Janmabhumi—136 42, Medows Street, Fort
"Mumbai Daily News'—Amar Printing Press, 36, Islampura
"Vandemataram'—Vandemataram Mudranalaya, Nasik Chambers, Frere Road, Fort

WEEKLY

"Bombay Samachar"—Red House, Parsi Bazar Street
"Chhaya'—Central Fine Art & Litho Works, 293A, Bellasis Road, Bombay 8
"Chitrapat"—Chitrapat Printing Press, West End Gate, Lamington Road
'Cinema Fan"—Kumar Art Printing Press, Bombay 7
"Film Chitra."—Daily Samachar Printery Press, Golpitha
"Gujerati"—Gujerati Printing Press, Elphinstone Circle, Fort
"Ismaili"—(Anglo Gujarati), Ismaili Printing Press, 1/4, Dongri Street, Bombay 9
"Jam-e-Jamshed"—Jam-e Jamshed Press, Ballard Pier
"Janmabhumi and Pravasi"—Pravasi Mudranalaya, Medows Street, Fort
"Jay Bharat"—Kishore Printing Press, Tamarind Lane, Fort
"Kateryu Gep"—French Bridge, Chowpatty
"Maha Gujarat"—Kishore Printery, Tamarind Lane, Fort
"Moj-Majah'—Khatao Building, Girgaum Road
"Ravivar"—209A, Sir Mangaldas Wadi, Lamington Road
"Veni"—Veni Printery, 12th Lane, Khetwadi
"Yugantar"—Dalal Street Fort

FORTNIGHTLY

"Chintan"—New Gujrat Printery, 104, Bazargate Street, Fort
"Mahefil"—Excel Printers, 32-36, Imamwada Road, Bombay 9
"Prabudh Jain"—45-47, Dhanji Street, Bombay 3
"Rabhar"—(in Devanagari) Rupa Villa, Cumballa Hill
"Rajkot"—Moj Majah Printing Press, Khetwadi, Girgaum
"Sarvodaya"—R P Aryaprakash Printing Press, Kakadwadi, Bombay 4

MONTHLY

"Bhagini Samaj Patrika"—Vandematram Printing Press, Frere Road, Fort
"Filmstan"—Filmstan Printery, Moti Building, 2nd Fanaswadi
"Gujarati Hindu Stri Mandal Bombay Patrika'—Amroli House, Vithalbhai Patel Road
"Gumasta Sandesh"—Shri Datta Vijay Printing Press, Cathedral Street, Bombay 2
"Memon Mitra"—99, Jakeria Musjid Street
"Shri Gogras"—149, Shroff Bazar
"Shri Jeevdaya"—Humanitarian League Office, 149, Shroff Bazar
"Tarun Palanpur"—451, Kalbadevi Road, Bombay 2

GUJARATI AND HINDI

"Jain Prakash"—(Weekly), Suryakant Printing Press, 451, Kalbadevi Road

HINDI AND ANGLO-HINDI

"Bulletin of The National Council of the Women in India"—(Monthly), 47, Hughes Road, Bombay 7
"DHARMAYUG"—(Weekly), Times of India Press, Hornby Road, Fort.
'Jagruti"—(Fortnightly), Orient Printing House, Naviwadi, Bombay 2
"Lokmanya"—4, Lokmanya Printing Press, Girgaon, Bombay 4
"Nava Bharat'—Maharathi Press, Kurla Road, Andheri
"NAVBHARAT TIMES."—(Daily), Times of India Press, Hornby Road, Fort
'Rahbar"—(Fortnightly), Ajmal Press, opp J J Hospital
"Sanavarg"—(Weekly), Prabhat Printing Press, Malad
"Shri Venkateshvar Samachar"—(Weekly), 7th Khambatta Lane, Khetwadi
"Swatantra Bharat"—(Daily), Lucknow Bombay Address Hasan Chambers, Parsi Bazar Street, Fort
"Vishwamitra"—(Daily), Asha Printery, Noble Chambers, Parsi Bazar Street, Fort

URDU, PERSIAN AND ARABIC

DAILY

"Aftab"—Ansari Fine Art Litho Press, opp Arab Mosque, Bombay 8
"Ajmal.'—Princess Building, J J Hospital, Bhendi Bazar
"Hilal-e-Nau"—Hilal Press, New Chinch Bunder Road
"Hindustan'—Sultani Fine Art Litho Press, Bombay 3
"Inquilab e-Jadid"—Mehr Nigar Press, Temkar Street, off Dimtimkar Road
"Iqbal"—Bombay Press, Shustry Building, Bellasis Road
'Ittehad"—(Urdu), Sultani Fine Art Litho Press, Bhendy Bazar, Bombay 3
"Roznama-E-Khilafat"—Khilafat Printing Press, Love Lane, Mazagaon

WEEKLY

"Musavvir"—Khilafat Press, Love Lane, Mazagaon
"Rahbar"—(Fortnightly), Cumballa Hill

MONTHLY

'Tamseel'—(Anglo-Urdu), 20, Jivaji Mansion, Vincent Road, Dadar
"Tanwir"—Ajmal Printing Press, opp J J Hospital

KANNADA

WEEKLY

"Khalsa"—(Gurumukhi, Weekly), 302, Kalbadevi, Bombay 2

SINDHI

"Hindustan"—(Daily), Rathestar Printing Press, Medows Street, Fort
"Sansar Samachar"—(Daily), Sansar Samachar Printing Press, 208, Vincent Road, Dadar
"Shyam"—(Weekly), Bapuji Elec Printing Press, 134/1, Mody Street

BENGALI

DAILY

"ANANDA BAZAR PATRIKA"—(Bengali Daily from Calcutta), 1, Burman Street, Calcutta; Calcutta National Bank Building, 26-A, Sir Phirozshah Mehta Road, Fort Phone: 31101 Gram: "ANANDBAZAR"

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Bombay Wire & Metal Products —272 2 Masjid Bunder Road Opp Imperial Bank Bombay 3

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Great Western Engineering Works — Sea View, 1st Pasta Lane, Colaba, Bombay 5

HINDUSTAN PRODUCTS CORPORATION — 16, Brahminwada Road, Matunga, Bombay 19 Phone 62071 Grams "PRECIMET" Importers of Non-Ferrous Virgin Metals, Scraps, and Semi-finished metals Exporters of Non-Ferrous metal Residues, Ores, and Concentrates

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INDIA METAL AGENCIES —30, Manordas Street, Bazargate, Fort Phone 30588 Grams "ARUNODAY" Sole Agents in India for Thomas Bolton & Sons Ltd (England) Manufacturers of Copper & Copper Base Alloys in the form of Rods, Wire, Sheets, Strip section, etc

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Jacks, William & Co , Ltd —Hamilton House, Graham Road, Ballard Estate, Fort

Javant Metal Manufacturing Co —152 Johar Street, Bombay 2

Kamalshankar P Joshi —72 80, Nagdevi Cross Lane

Kamani Engineering Corpn , Ltd —Kamani Chambers, Nicol Road, Ballard Estate, Fort

Kamani Metals & Alloys Ltd —Kamani Chambers, Nicol Road, Ballard Estate

Kooverji Devshi & Co —164, Lohar Street

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Techno Industrial Co —107, Sir Vithaldas Chambers, 16, Apollo Street, Fort

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NUTS & BOLTS (See Bolts & Nuts)

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Gestetner Duplicators Ltd — Construction House Ballard Estate Bombay Phone 21011
Henderson & Bros —154, Bora Bazar Street, Fort
Indian Industrial Development Trust Ltd — Dhan Nur, Sir Phirozshah Mehta Road, Fort

JAMES MANUFACTURING CO —407, Kalbadevi Road, Bombay 2 Phone 22874

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Oomedchand Kashiram & Co —Mudi Bazar, Bombay 3
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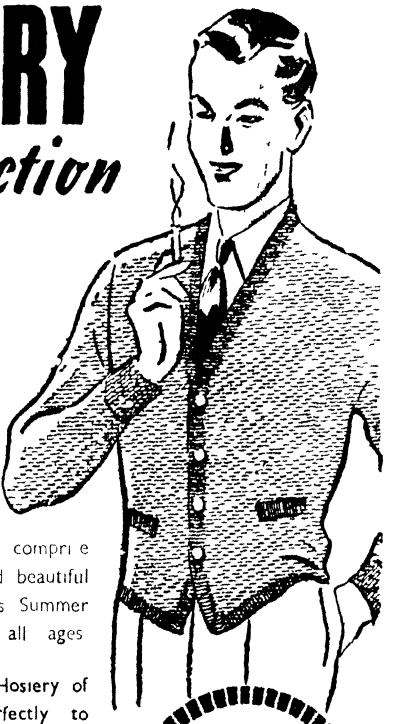

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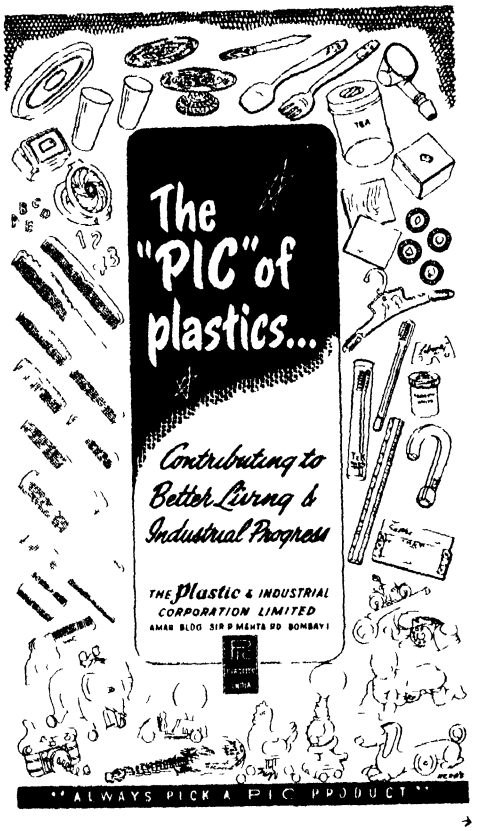

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Haneef S M , & Co - Bachooali House, Haji Bachooali Road, Bombay 9

Hardinge & Co —Charni Road June , Grant Road
Harilal Ishwardas & Co —120, Girgaum Back Road
Hemani Bros —Wassiamull Building, Grant Road Bombay 7
Herbertsons, Ltd —11 13, Elphinstone Road, Fort
Himalaya Food Products — Himalaya Baug, Lady Jamshedji Road, Mahim
H Mohanlal Brothers —16, Old Custom House Road, Fort, G P O Box 1127

Huns, Dewan & Co - P B No 4018 158, Upper Duncan Road, Byculla, Bombay 8
Imperial Trading Syndicate —Podar Chambers, 54, Parsi Bazar Street, Fort
Jadavji, R , & Sons —Harbour View, Colaba Causeway
Jaffers Shop —Near Tram Terminus, Mazagaon, Bombay 10
Johnson Phillips & Co (Eastern) Ltd —Bombay Mutual Annexe, Hornby Road, Fort

Kalvert, A , & Co —123, Upper Duncan Road, Bombay 8
Kashmir Stores The —11, Bank Street, Fort
Keshavji Dharsi & Co —Haji Abdulla Building, opp Railway Station, Dadar

Khurshedji, C , & Co —Javeri Building, 12th Lane, Khetwadi Back Road
Khushru & Sons —Sunno Lodge, near Tilak Bridge, Khodadad Circle, Dadar
Kishinchand & Co (India) —138, Hornby Road, Fort

Kothari & Sons —20 Noble Chambers, Parsi Bazar Street, Fort
Krishnamachari & Co T I —4th Floor, Petit Building, 357, Hornby Road, Fort, Bombay 1
Kroz & Co —Podar Chambers, Parsi Bazar Street, Fort
Laxmi General Stores —Opp D Silva School, 23, Portuguese Church Street
Leopold Cafe & Stores —6, Colaba Causeway, Apollo Bunder
Mack Industries Corporation —Beaman Building, 12, Calicut Street, Ballard Estate, Bombay 1
Mahendra, A C , & Co —Noble Chambers, Parsi Bazar Street, Fort
Mehta, F D , & Co —Standard Building, Hornby Road, Fort
Mongini, Limited —45 47 Churchgate Street, Fort
National Stores —Sitaram Building, next to Crawford Market, Hornby Road

NEW CHEAP JACK No 5 —(Proprietors G Mahomedalli & Co), Shop No 5, Crawford Market , Dealers in Oilman Stores and Provision Merchants

NEW INDIA GENERAL STORES —33, Medows Street, Fort, Bombay

Our Popular Stores —Ahmed Pal Mahal, Clare Road Corner, Byculla
Patel Ruby & Co —Cumballa Hill
Pearse & Co —Opp Imperial Bank, Apollo Street
Phillimore & Co —Cumballa Hill, Bombay 6
Pyrke s Provision Stores —373, Hornby Road
Raj, H & Co —93, Princess Street, Bombay 2
Rajsi Bros —Fern House, Colaba Causeway
Rulya Chemical Industries —Choksi Chambers, Zaveri Bazar

RUSTOMJI, R N , & CO —Wholesale Distributing Importers of Bacon, Hams, Cheese and all Provisions and Finance Agents Shrinivas House, Waudby Road, opp Bombay Gymkhana, Fort P O Box 884 Phone 30334 Grams: "HEROINE"

SHAH & CO —Sitaram Building, Hornby Road, Fort Phone 25998 Grams "KHORDADSAL"

Sheares, H A , & Co —80, Western India Building, Sir Phirozshah Mehta Road, Fort
Simms & Co , Ltd , P —Sitaram Building, near Crawford Market
S Nagam & Co —418, Kalbadevi Road
Sorabji Hormusji & Co 22 Mangaldas Road Bombay 2
Standard Manufacturing Co —156, Tardeo Road, Bombay 7
Unity Stores —Near Portuguese Church, 92-94, Girgaum Road, Bombay 4
Usha Trading Co —44, Dadyseth House, Cowasji Patel Street, Fort
Vazirali Ltd —Prospect Chambers, Hornby Road, Fort Tel No 33650

WADHWANI & CO —Botawala Building, 7-10, Elphinstone Circle, Fort, Bombay Phone 26719 Grams "WANEYCO"

Wild Game & Seafood Co —Sitaram Building opp Crawford Market
Yacoob Ahmed Brothers —Topiwalla Mansion, Mahomedalli Road
Yazdan Stores and Restaurant —Imperial Mahal, Tram Terminus, Dadar
Yazdani & Co , Ltd —Sitaram Building, Hornby Road
Yuwak Stores, Shri —399 A, New Hanuman Lane, Kalbadevi Road

PUMPS AND PUMPING SETS MANUFACTURERS AND DEALERS

Adamally Sons Ltd —277, Nagdevi Street, Bombay 3
Asian Textile Engineering Corporation —Kermani Building, Sir Phirozshah Mehta Road, Fort
Ashok Engineering Co —24, Noble Chambers, Parsi Bazar Street, Fort Tel No 31445 Grams ' Revolution."
Asiatic Engineers —Mehta House, Medows Street, Fort
Atlas Engineering Co —Crescent Chambers, Tamarind Lane, Fort
Atul Engineering Co — 49, Apollo Street, Fort, Bombay

BATLIBOI & CO —Engineers & Machinery Importers, Head Office Forbes Street, Fort, Bombay 1 Phone Nos 30007-8-9 (Three Lines) Tel Address "BATLIBOICO" Branches Batliboi House, Nagdevi Cross Lane, Bombay 3, 3-153, Broadway, Madras ; P-34, Mission Row Extension, Calcutta, 55-5, Japan Buildings, New Chowri, Delhi; 12-5D, Variety Hall Road, Coimbatore ; Reid Road, Ahmedabad, 26-59, Birhana Road, Kanpur

Bhogilal & Company, R —261/263, Hornby Road, Fort
Bhutt Brothers —163, Nagdevi Cross Lane, Bombay 3
Bishan Sahai Om Parkash —31, Forbes Street, Kirte Building, Fort
Chimanlal Patel & Co —174, Hornby Road, Fort
'Concies' Continental Agencies —36, Prospect Chambers Annexe, Hornby Road, Fort
C Sethia & Co — 59, Forbes Street, Fort, Bombay
Diarvi Trading Co —78, Apollo Street, Fort
Dodsal Limited —31 Murzban Road, Fort Bombay Representatives of Weise & Monski, Weise Soehne G m b H , Germany
Drewet Chowna & Co —Lentin Chambers, Medows Street, Fort
Duncan Stratton & Co , Ltd — 5 Bank Street, Bombay

EAST ASIATIC CO (INDIA) LTD.—Wavell House, Graham Road, Ballard Estate Phone 30995

Eastern Electric & Refrigeration Co —14, Hamam Street, Fort, Bombay

EDGAR HANDLEY & COMPANY LTD —135, Medows Street, Fort, Bombay 1 Phones 22934 & 26884. Grams "TROJAN"

EXCELLENT ENGINEERING CO —11, Botawala Building, Elphinstone Circle, Fort Grams' "HARIKRIPPA" Phone 28601 Importers, Exporters, Commission Agents and Manufacturers' Representatives

Gadgil Brothers —10 Hamam Street, Fort
Gannon, Dunkerley & Co , Ltd —Chartered Bank Building Mahatma Gandhi Road, Fort
Garlick & Co —Haines Road, Jacob Circle
G G E —Bell Building, Sir Phirozshah Mehta Road Bombay Phone 31893
Ina Machinery Corporation —65, Mahatma Gandhi Road, Fort

INDUSTRIAL AND COMMERCIAL ENGINEERS —Manufacturers of Centrifugal Pumps in all sizes and Types Patel's Compound, Lamington Road, Bombay 8 Phone 74102 Grams "NIGOS"

Ingersoll Rand (India) Ltd —Devkaran Nanjee Building Elphinstone Circle Fort Bombay
Investa Machine Tools & Engineering Co Ltd —Ewart House Bruce Street, Bombay 1
Isaac Penhos (India) Ltd —36 Yusuf Building, Flora Fountain Bombay 1
Jacks, William & Co Ltd —Hamilton House, Graham Road Ballard Estate, Fort
Janak Engineers 4th Floor Lentin Chambers Dalal Street Fort
Jashwantlal Manecklal & Co —40, Churchgate Street, Fort
Jhala R T & Co —9 Forbes Street Fort Bombay
Kabali & Co , Ltd —15, Bastion Road, Fort
Kilburn & Co , Ltd —Asian Building, Nicol Road, Ballard Estate Fort
Mahindra & Mahindra Ltd —Gateway Building Apollo Bunder, Bombay
Marshall Sons & Co (India) Ltd —Marshall s Building, Ballard Road Fort
Minerva Machinery Corporation —Advani Chambers, Sir Phirozshah Mehta Road, Fort Bombay

NATIONAL TRADERS —Advani Chambers, 1st floor, Sir Phirozshah Mehta Road, Fort, Bombay Engineers and Machinery Merchants Representatives Gorman Rupp Self-Printing Centrifugal Pumps Grams "WETFARM"

New Standard Engineering Co , Ltd —222, Bellasis Road, Bombay 8

NIGO'S CORPORATION —Manufacturers of Glandless Centrifugal Pumps in all Sizes and Types 64, Forbes Street, Kala Ghoda, Bombay 1 Phone 36713 Grams "NIGO'S"

Pans & Co —105, Apollo Street, Fort, Bombay
Parekh Bros , Ltd —65, Mahatma Gandhi Road, Fort
Power Machines Corporation - 31 Forbes Street Fort Bombay 1
P Rai & Co —105, Apollo Street, Fort
Radiant Engineering Co —79, Medows Street, Bombay 1
Royal Machinery & Trading Co —6, Bell Lane, Fort, Bombay
Somani & Company, Ltd —Shreenivas House, Waudby Road, Fort, Bombay

TALWARKER, W. R —Lentin Chambers, Dalal Street, Fort, Bombay Phone No 30367. Grams "PUMPENAMEL"

Trinity Electric Syndicate —Princess Street (Electrical)
Vijay Engineering & Machinery Co —Shop No 9, Bombay Mutual Annexe, Cawasji Patel Street, Fort
Worthington Simpson Ltd —Mubarak Manzil, Apollo Street, Fort

QUALITY CONTROL CONSULTANTS

R NANABHOY & CO —Ballard House, 14, Mangalore Street, Fort, Bombay 1 Industrial Management, Cost and Quality Control Consultants, A C W A , A C C S , A S C C (Lond) Phone 30071 Grams "RANACOST" Partner R Nanabhoy (Mehta).

RADIO IMPORTERS

Chicago Telephone and Radio Co Ltd (Estd 1909) —127, Mahatma Gandhi Road, Post Box 1312, Fort
Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort & Sethna Hall, Nesbit Road, Mazagaon, Bombay 10

Dodsal Limited —31 Murzban Road, Fort, Bombay, Representatives of A E G Germany
Kilburn & Co, Ltd —Asian Building, Nicol Road, Ballard Estate, Fort

LATHAM ABERCROMBIE & CO, LTD —Forbes Building, Home Street, Fort, Bombay

Universal Radio Co —Prarthana Samaj, Bombay 4

WESTERN UNION AGENCIES —Marwari Vidyalaya Building, Sandhurst Road Tram Terminus, Bombay 4 Phone 40343 Grams "GRIDCAP" Importers & Distributors of Radios, Radio Components, Automatic Changers, Appliances, Fans & Accessories Branches 12, Pollock Street, Calcutta 1, Bhagirath Palace (Behind Imperial Bank), Chandni Chowk, Delhi 6 and 127, Oppanakara Street, Coimbatore (South India)

RADIO MANUFACTURERS, DEALERS AND PART SUPPLIERS

All Wave Radio Agency —People's Building, 14 A, Sir Phirozshah Mehta Road, Fort
Ama Ltd — Photo Cine Sound, Canada Building Hornby Road, Fort
Amau Trading Company 157 Sandhurst Road, Bombay 4
A M Talati & Co —381, Hornby Road, Fort

AMZEL LTD —Lotus House, Marine Lines, Bombay 1 Distributors G E Radios (Bombay State & Kutch, Saurashtra, Madhya Pradesh, Madhya Bharat, Hyderabad-Dn) Factory Representatives Emerson Radios, made in U S A (All India) Simpson Radio Testing Instruments, made in U S A (All India)

Asian Trading Corpn —P O Box 1505, 20, Mangesh Street, Bombay 1
Automobile Co, Ltd —41, Queen's Road, Bombay 2
Bell Radio & Electric Co —Swadeshi Mills Estate, Tata Road, Girgaum
Bharat Electric Supply Traders 542 Sandhurst Bridge, Chowpatty, Bombay 7
Bharat Radio Corporation —404, Waghwadi, Kalbadevi, Bombay No 2
Bombay Motors & Radios Ltd —33, New Queen's Road
Bombay Phono & General Agency —520 22, Kalbadevi Road
Bombay Radio Service —First Floor, Prospect Chambers, Hornby Road, Fort
British Radio & Electric Co —Prospect Chambers Hornby Road, Fort Bombay
Central Bottle Trading Co —Padamsi Annexe, Chukla Street, Bombay 3
Checker Brothers —Coronation Building, Gunbow Street, Fort
Chicago Telephone & Radio Co, Ltd (Estd 1909) —127, Mahatma Gandhi Road P O Box 1312, Fort, Bombay
Chimanlal Desai & Co —Gool Mansion, Homji Street, Fort
Choice Radio —Opp Royal Opera House, Bombay 4
Chopra Radio Electric Co —Imperial Cinema Building, Lamington Road Bombay 4
Cinefones—Opp Opera House, 3, New Queen's Road
City Radio Co —Malabar Mansion, opp Cusrow Baug, 37, Garden Road, Colaba
Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort & Sethna Hall Nesbit Road Mazagaon, Bombay 10
Eastern Radio Corporation —99A 2, Jenabai Building, Main Road, Dadar
Eastern Radio & Refrigeration Co —8, Beaumon Chambers, Medows Street, Fort, Bombay
Ebstar Electric Co —318, Lamington Road, next to Police Station, Bombay 7 Phone 40091 On Government list as licensed Electrical Contractors
Economic Electric Co, Ltd, The —Jail Road (East), Dongri, Bombay 9
Electric & General Traders Ltd —Bombay Mutual Annexe, Gunbow Street, Fort
Flodyne Electric Productions —83, Matarpakhady Road, Mazagaon
Gehi Radio & Electric Corporation —59-E, Gani Building, Mahomedally Road, opp Musjid Bunder Road
General Business Corporation —Soorya Mahal, Medows Street, Fort
General Radio & Appliances Ltd (Formerly Fazalbhoy Ltd) — Opera House, Bombay 4 Phone 26204
Globe Radio & Sound Corporation —Dawoodbhoy Fazalbhoy Trust Building, Chakla Street, Bombay 3
Globe Radio & Sound Corporation —26, New Queen's Road
Gramophone Co, Ltd —Sir Phirozshah Mehta Road, Fort
Gulam Rasul Allahbux —1/B, Bachooali House, Nowroji Hill Road No 1, Bombay No 9
Hasanally Brothers —Chakla Street, Bombay 3
Hindustan Electronics —14, Gool Mansion, Store Lane, Fort, Bombay
Huge Engineering Co, The —Imperial Chambers, Wilson Road, Ballard Estate
Impex Trading Co —Kothari Mansion, opp G P O
India Radio & Electronics Corp — Rani Building Vithalbhai Patel Road, Prarthana Samaj Bombay 4
India Traders —101 B, Girgaum Terrace Bombay 4
Indian Electric Equipment Co —220, Khetwadi Main Road, Tara Mansion Bombay 4
Indo American Radio & Electronic Corporation —Allana Compound, Opp Agripada Police Station, Lamington Road (North), Bombay 11
International Trading Corporation —Ahmed Chambers, Lamington Road
Jagkumar & Co —Prospect Chambers Annexe, 317 21, Hornby Road, Fort

J V MEHTA & CO —Automobile and Radio Specialists, Opera House Tram Terminus, Lamington Road, Bombay 4 Phones 70225 and 70226 Distributors for Telefunken Valves, Atlas Battery Charges, Vitrohm Resistances and Volume Controls, Bakers Loudspeakers, Leak High Fidelity Amplifiers, Nordix Car Radio Suppressors and Antennas, Soldermaster Soldering Irons, Roadmaster Cell Testers Manufacturers of "MEHTACO" Transformers, Amplifiers and Battery Charges, Importers of all Radio Parts and Accessories, Microphones, Record Changers, etc

Lachhwani & Co —19 Hamam Street, Fort

LAKHANPAL LTD —29, New Queen's Road, Bombay 4 Phone 22473

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Laxmi Electric Trading Co - 37, Sitaram Building, near Crawford Market, Hornby Road
Laxmidas & Dwarkadas —Laxmi Bhuvan Tram Terminus, Sandhurst Road
Lyra (India) Co —Mustafa Building, Sir Phirozshah Mehta Road, Fort
Mazumdar & Co Opp Krishna Cinema, Tribhuvan Road, Bombay 4
Meher Radio Co — Advani Chambers, Sir Phirozshah Mehta Road, Fort
Metro Musics —545, Kalbadevi Tram Junction Dhobitalao, Bombay
Modern Radio & Electric House —381, Hornby Road, Fort

MODERN TRADING CO —Importers, Dealers and Distributors in Radio and Radio Accessories Main Agents and Distributors of Bush Radio Ltd for the whole Republic of India Head Office Lamington Road, Near Opera House, Bombay 4 Phone No 32511 Tel Address "LOKHEWAK" Representing exclusively -Mullard Radio Valves—Hunts Condensers —Acos Pickups—Celestion Loudspeakers, G.E Radio Valves, McMurdo Valve Bases —Branches at —Delhi—Calcutta—Madras—Bangalore

Monitor Radios —24, New Queen's Road, Opp Roxy Talkies, Bombay 4
Motor House (Gujarat) Ltd —Bhandup
Mousell & Company Ltd —Lotus House, Marine Lines, Bombay
Mulraj G Dungarsey & Co, Ltd —21, Forbes Street, Fort
National Automobile Co, Ltd —Opera House Tram Terminus, Bombay 4
National Education and Information Films Ltd —National House, Tulloch Road, Apollo Bunder, Bombay
National EKCO Radio & Engineering Co Ltd —Ewart House, Bruce Street Fort Bombay Phone 26081/2 Grams ENNARBE
National Radio Corporation —141, Chuckla Street, Bombay No 3
N D Kooka & Co —13/19, Medows Street, Fort, Bombay 1
Oriental Radios, Ltd —Ismail Building, Hornby Road, Fort
Paradise Radio Electric & Engineering Co —Opp Swimming Bath, 39, Seaface Chowpatty, Bombay
Parakh & Sons —483, Kalbadevi Road, Bombay 2
Paramount Engineering Co —Fort Chambers, Hamam Street, Fort
Paramount Traders —Bhagwan-Bhuvan, 61, Tejpal Road, Vile Parle (East), Bombay 24 Grams 'UNDISHERI" Indentors and Commission Agents

PARSRAM & CO.—65, Podar Chambers, Parsee Bazar Street, Fort, Bombay. Phone 21522 Grams: "REKAM."

Precious Electric Co —Yusuf Building, Churchgate Street, Fort

RADIO ELECTRIC LTD —Lamington Chambers, Lamington Road Dealers in quality Radios & Manufacturers of Aerialex, Radiotone Amplifiers, power Transformers, High Power Boosting Transformers, Battery Charging Sets, Low Tension Cables, etc, Importers & Manufacturers' Representatives Managing Director: D. H. Marathe, B.Sc., S.M.I R.E. (U S.A) Manager Dh H Marathe, M.A. (Bom), M R I T (Lond). Phone: 70824. Telegrams "RADTRIC," Bombay

Radio Services —417 21, Lamington Road, next to Powells Ltd, Bombay No 4

RADIOCRAFTERS, THE —Radio and Sound Engineers, Laud Mansion, opp Charni Road Station, 21-ED, Queen's Road Phone No 23006

Ragavji & Co —427, Kalbadevi Road, Bombay 2
Rajwekar Radio Corporation —6-D, Royal Opera House, New Queen s Road, Bombay 4
Rex Radio Amplifier & Cinema Service —23, Kennedy Bridge, *near Opera House*

RHYTHM HOUSE LTD —40, Rampart Row, Fort Phone 26328 Grams, "RHYTHM" Gramophone Records, Radios, Frigidaires, Air Conditioners, Wire Recorders, Electric Home Appliances

Saba Radio Company —15, New Queen s Road, Saklat House Bombay 4 Phone 20993

SHARMA RADIO CORPORATION —29, New Queen's Road, Bombay 4 Phone 22473

Sohan Radio Service —Ganga Nivas, Ranade Road, Dadar Bombay 14
Soho House —Vithal Sayana Building, Lohar Street, Bombay 2
Star Radio Service —Bhivandivala House, Gowalia Tank
Star Radio & Engineers Ltd - Parekh House New Queen s Road Bombay
Sundarlal, C, & Co —Manhar Building, 189, Lohar Chawl, Bombay 2
Super Radio Corporation —33, Hussain House, Parel, Bombay 12
Super Simplex Radio Co —16, Harinivas, Lady Jamshedji Road Bombay 28
Supreme Electrical Engineering Co, Ltd —Lady Jamshedji Road Mahim, Bombay 16
Surendra Trading Corporation —159 2, Khetwadi Back Road Bombay 4
Talati, A M, & Co —Esmail Building, Hornby Road

TELEFLUTE RADIO AGENCY —20, Store Lane, Parsee Bazar Street, Fort, Bombay Phone 30258 Sole Distributors for "TESLA" Radios

Teletune Radio Co —7 8, Prospect Chambers Annexe, Hornby Road, Fort

UNIQUE TRADING CORPORATION —Mustafa Building, Sir Phirozshah Mehta Road, Fort

United Engineering Corporation —Datoobhoy Building, 5, New Queen s Road
United Radio Service —Padhy de Wadi, Bhawani Shanker Road, Dadar

UNIVERSAL RADIO CO —6, Ranee Building, Prarthana Samaj, Bombay 4 Head Office Chandni Chowk, Delhi Branches 3/2, Madan Street, Calcutta 13 Grams "UNRACO" all Offices

VASUDEVA LIMITED —New Queen's Road, Bombay 4

Veena Automobile Service Station, The —Wodehouse Road, Wellington Mews, Fort

VINSR RADIO ELECTRIC CO —Hassan Chambers, 1st Floor, Parsi Bazar Street, Fort Phone 26184

Washington Radio Service —Parekh House New Queen s Road
West End Radio —385 Kalbadevi Road
Wireless Manufacturers (India) Ltd —360 Vithalbhai Patel Road Bombay 4

RAIN COAT MANUFACTURERS & DEALERS

CALCUTTA SOLA HAT AGENCY —Dwarkadas Building, Mangaldas Road, Bombay 2

Popular Sola Hat Work —Baria Building, opp Crawford Market

RAYON MACHINERY SUPPLIERS

Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road Fort & Sethna Hall Nesbit Road Maragaon Bombay 10

DOBSON & BARLOW (RAYON PLANTS) LTD —30, Forjett Street, Bombay 26 Sole Concessionaires for the Sale of Complete plants for the production of Continuous Filament Viscose Rayon, Staple Fibre and Transparent Paper manufactured by Dobson & Barlow, Ltd, Bolton, England

READYMADE CLOTHES

CALCUTTA SOLA HAT AGENCY —Dwarkadas Building, Mangaldas Road, Bombay 2

Kapadia Bros —Kalyanji Building No 3, Kandewadi Bombay 4
Karnatak Concerns Ltd —197 Shivaji Park Bombay 28
Khianey (India) Ltd —Dhannukar Building, New Silk Bazar, Bombay 2
Khosla & Co, L C —39, Prospect Chambers Annexe, Hornby Road, Fort
"Nanjis" —206-208, Carnac Road, Bombay 2
Popular Sola Hat Works —Baria Building, opp Crawford Market
Subhan Shop —Heera Building, Opp Police Commissioner s Office, Carnac Road

WEAR (INDIA) LTD —4th Floor, Jan Mansion, Sir Phirozshah Mehta Road, Fort, Bombay 1 Grams "READYWEAR" Sole Distributors (Bombay) for Samsons Dresses

Weldon Shop —Oomrigar Building, opp Crawford Market, Bombay 3

RED LEAD MANUFACTURERS

Gulabchand Nathalal & Co —45 Mirchi Lane, Bombay 3
Jafferjee Valijee & Co —Mirchi Lane, Mandvi, Bombay 3
Manufacturers of Red Lead and Raw Materials

REFRACTORIES

DATSON RAVIRAJ & CO —43, Tamarind Lane, Fort

REFRIGERATORS (DOMESTIC)

Air Conditioning & Refrigerations Ltd —Queen s Mansions, Bastion Road Fort
Blue Star Engineering Co —59, Forbes Street, Fort
Bombay Gas Co, Ltd —214, Hornby Road Fort
Ceylon Traders Corporation —21, Forbes Street, Fort
Choice Radios —Opp Royal Opera House, Bombay 4
Craftsman Electronic Corporation Ltd —Navsari Building, 240 Hornby Road, Fort
Eastern Electric & Refrigeration Co —14 Hamam Street, Fort
Eastern Radio and Refrigeration Co —8, Beaumon Chambers Medows Street, Fort
Economic Electric Co Ltd —Jail Road (East), Dongri Bombay 9
Frezall —Tribhuvan Road Bombay 4
Gramophone Co, Ltd —Universal Fire & General Insurance Co s Building Sir Phirozshah Mehta Road, Fort
Mangharam & Co —Jan Mansion Sir Phirozshah Mehta Road, Fort
Marks & Gilbert —Darabshaw House, Dougall Road, Ballard Estate Fort
McKenzies Ltd —Sewri
Modern Traders —Post Box No 1344, Bombay
Mousell & Company Ltd —Lotus House, Marine Lines
Paramount Traders —Bhagwan Bhuvan 61, Tejpal Road, Vile Parle (East) Bombay 24 Grams UNDISHERI *Indentors and* Commission Agents

PARSRAM & CO —65, Podar Chambers, Parsee Bazar Street, Fort, Bombay. Phone 21522 Grams "REKAM"

RADIOCRAFTERS, THE —Refrigeration Engineers, Laud Mansion, opp Charni Road Station, 21-C-D, Queen's Road, Bombay Phone 23006

Refrigeration & Appliances Co, Ltd —Pravin Court 34, Queen s Road Post Box No 1216, Bombay Phone No 34507 Grams *REFRIANCES*
Refrigeration Engineering Corporation —P O Box 5528, Bombay 14
Rhythm House Ltd —40, Rampart Row, Fort, Bombay 1
United Motors (India) Ltd —Hughes Road, Bombay
Vibgyor Trading Company —Lotus House, Hornby Road (next to Evans Fraser) Fort Bombay
Western Union Agencies —Marwari Vidyalaya Building, Sandhurst Road Tram Terminus, Bombay 4

REPRESENTATIVES (MANUFACTURERS)

Abrahamoff, S —P O Box No 529, Rehmat Manzil, Churchgate Street, Bombay 1
Acme Agencies —20, Hammam Street, Fort
Advani Brothers H B —251, Hornby Road, Fort
Advani & Co —G V, Prospect Chambers, Hornby Road, Fort
Advani & Co, Ltd J B —Advani Chambers, Top Floor, Sir Phiroz shah Mehta Road, Fort
Ahmed Ebrahim Bros —88, Chuckla Street, Bombay 3
Ahuja, C M, & Co —People s Building, Sir Phirozshah Mehta Road, Fort
Akbarally Nanji & Co —206/208, Carnac Road, Bombay 2
Akmo Trading Company —111, Bhandari Chuckla Street
Allied Industries Producers —Orient Hotel Building, opp Crawford Market, Fort
Allied Publishers & Stationery Manufacturers, Ltd —15, Graham Road, Ballard Estate
Almeida, J C —National Insce Building, 27, Bastion Road, Fort
A R Haseler —Asian Building, Ballard Estate

Art Metal Works (Estd 1882) —Office and Factory 100, Foras Road, near Municipal Workshop, Bombay 8
Arvinda Trading Co , Ltd —105 Apollo Street, Fort
Ashar R D —10 Bruce Street, Fort
Ashar Trading Co —75 79 Old Hanuman Lane, Bombay 2
Asher & Company —Vadgadi, Bombay 3
Asian Drug Corporation —Podar Chambers, Parsi Bazar Street, Fort
Asian Traders —Kitab Mahal, 192, Hornby Road, Fort
Asian Trading Corporation —P O Box No 1505, 20, Mangesh Street
Associated Agencies (Bombay) —47, Podar Chambers, Parsi Bazar Street, Fort
Associated Corporation of Industries (India) Ltd —Commerce House Currimbhoy Road Ballard Estate
Automobile Co , Ltd —41, Queen s Road, Bombay 2
Badat Ltd —105, Sir Vithaldas Chambers, 16, Apollo Street, Fort
Bajaj Brothers Ltd —Round Building, Kalbadevi Road
Bakshi Ram & Co —129, Modi Street, Fort
Bashir S M & Bros —Bachooali House Bachooali Road
Batliboi C J , & Co —319, Hornby Road, Fort
Beardsell, W A & Co , Ltd —Dhan Nur Building, Sir Phirozshah Mehta Road, Fort
Bhagwandas Chhatrabhuj & Co —20, Hamam Street, Fort
Bhogilal & Company, R —261/263, Hornby Road, Fort
Birkmyre Brothers Ltd —12, Rampart Row Fort
Bisco (India) Ltd —Post Box No 6707, Bombay 21
Bock F & Co —Shale Building Bank Street Fort Bombay
Brady W H , & Co , Ltd —Royal Insurance Building, Churchgate Street Fort
Brijlal H R & Co —Beaumon Chambers, Medows Street, Fort
British Engineering Co —105, Apollo Street Fort
Budhabhoy Noorbhoy & Co —199 Abdul Rehman Street
Bulchand Co L —Moos Building, 510 Kalbadevi Road
Byramji T & Co —Central Bank Building Mahatma Gandhi Road, Fort
Cawnpore Mills Depot —Churchgate Street, Fort

CENTRAL COMMERCIAL CORPORATION —160, Hornby Road, Fort, Bombay Grams "RUPAYATAN" Manufacturers' Representatives in Heavy, Fine and Textile Chemicals, Paper, Sundry goods and Textiles

Central Trading Co —81 Cowasji Patel Street Fort
Chasman & Co —Bell Building Sir Phirozshah Mehta Road Fort
Chavannes & Co , Ltd —Mercantile Chambers, Graham Road, Ballard Estate
Chemical and Machinery Ltd —Hamam House, Hamam Street Fort
Chemols Supply Co —6th Floor, People s Building, Sir Phirozshah Mehta Road, Fort
Chimanlal Desai & Co —Gool Mansion Homji Street Fort
Choksi Bros —Western India House 7 Sir Phirozshah Mehta Road, Fort
Choksi H & Co —106, Medows Street, Fort
Chudgor & Co —34, Daryasthan, Vadgadi, Bombay 3
Commercial Syndicate Ltd —Krishna Building, 145, Hornby Road, Fort
Corn Products Co (India), Ltd —Shreenivas House, Waudby Road, Fort
Cotton & General Produce Agency —Sassoon Building, 141, Mahatma Gandhi Road, Fort
Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort & Sethna Hall, Nesbit Road, Mazagaon Bombay 10
Cross and Sankey (India) Ltd —Jan Mansion, Sir Phirozshah Mehta Road, Fort
Dali B Shroff & Co —361, Hornby Road, Fort
Dann Decker Company —People s Building, Sir Phirozshah Mehta Road, Fort
D R D Agencies —136 Girgaum Road, Bombay 4 Phone 28709
Dawood Hajee Nasser & Co —Maneckia Chamber, 1st Marine Street, Dhobi Talao
Dee Bright & Co (India) Ltd —Cutch Castle, Sandhurst Road, Bombay 4
Deeth & Co , W H —P O Box 320 Bombay 1
Deevjan Agencies —42, Prospect Chambers Annexe, Hornby Road, Fort
Denis Malcolm & Co , Ltd —Kumud House, 267, Dr Dadabhai Naoroji Road, (Hornby Road), Fort, Bombay
Derby & Co —P B Press Building, 299, Frere Road Fort
Dewan Raj Kumar —78, Podar Chambers Parsi Bazar Street, Fort
Dhani Ram & Sons —236, Musjid Bunder Road
Diarvi Trading Co —78, Apollo Street, Fort
Dilaj & Co —20, Hamam Street, Fort
Dinanath Sons —466, Kalbadevi Road, Bombay 2

DINKAR TRADING COMPANY —95/97, Bhandari Street, Bombay 3

Dodsal Limited —31, Murzban Road Fort, Bombay Representatives of A E G, Mannesmann—Export G m b H Weiss & Monski, Weise Soehne G m b H Dinglerwerke A G Norddeutsche Kabelwerke A G Kerbs & Co , Berlin Maschinenfabrik Moenus A G A Friedr Flender & Co , all of Germany
Drewet Chowna & Co —Lentin Chambers, Medows Street Fort
Dubash Freres & Co —Victoria Building Parsee Bazar Street, Fort
Duncan Stratton & Co , Ltd —5, Bank Street, Fort
Duleraj & Co —22, Apollo Street, Fort
Dwarkadas & Sons Ltd Mehta House 89, Apollo Street, Fort Bombay

EASTERN EXPRESS SERVICE CO —Sir Vithaldas Chambers, 16, Apollo Street, Fort

Edwin & Kayzer —70-72, Chakla Street, Bombay 3
Express Corporation —Co-operative Insurance Building, Sir Phirozshah Mehta Road, Fort
Fairdeal Corporation Ltd , The —Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Fazalbhoy Ltd —16, New Queen's Road, Bombay 4
Fell, K M (successors to I A Bund) —Gresham Assurance House, Sir Phirozshah Mehta Road, Fort, Bombay
Fereshaw, L , & Co —Shirin Mansion, Sleater Road, Bombay 7
Fleming Shaw & Co , Ltd —Sorab House, 235 Hornby Road, Fort
Forbes, Forbes, Campbell & Co Ltd —Forbes Building, Home Street, Fort
Francis Klein & Co (Bombay) Ltd —Shale Building, Bank Street Fort Bombay
Francis Huber (India) Ltd —Whiteaways Building, 2nd Floor, Hornby Road, Fort
Fruit Farm Products Company —Byramji Mansion, Sir Phirozshah Mehta Road, Fort
Gaytee and Company —Janmabhoomi Chambers, Fort Street, Fort Grams IMPENG Phone 32449
Gladwyn & Co —Powvala Building, 251 Hornby Road, Fort
Godambe Bros —Buona Casa Building, Sir Phirozshah Mehta Road, Fort
Govias (India) Ltd —Bombay Mutual Building, Hornby Road, Fort
Gulam Rasul Allahbux —1 B, Bachoo Ali Road, Nowroji Hill Road No 1, Bombay 9
Hakimji Lookmanji —C P Tank Road Bombay 4
Hales Bros (India) Ltd —K Lekhraj Building, Carnac Bridge Bombay 3
Hallen, L J & Co —275, Princess Street, Bombay 2
Harbansial & Co —Bell Building Sir Phirozshah Mehta Road, Fort
Hardaer & Co , J —Himalaya House, Palton Road, Bombay 1
Hardcastle, Waud & Co , Ltd —Alice Building, Hornby Road, Fort
Hassamal Dalamal New Silk Bazar, Kalbadevi Road, Bombay 2
Hazex —335 37, Kalbadevi Road, Bombay 2
Heatley and Gresham Ltd —9, Forbes Street, Fort
Hindustan Corporation Ltd —Kermani Building, Sir Phirozshah Mehta Road, Fort
Hitchman, George F —Waterloo Mansions opp Museum, Mahatma Gandhi Road Fort
Hukumchand Chanderbhan —1st Floor, Hira Building, opp Crawford Market, Carnac Road
India Traders 101B Girgaum Terrace Bombay 4
Indo African Exporters —Round Building, Kalbadevi Road, Bombay 2
Indo Pobbins & Textiles Co , Ltd —10 Bruce Street Fort, Bombay 1
Indo International Commercial Corporation, Ltd —Crescent Chambers, Tamarind Lane, Fort
Indo Iranian Trading Corporation —Ava Chambers, 2nd Floor Mahatma Gandhi Road, Bombay 1
Industrial Stores Co Suksaria Chambers, 139 Medows Street, Fort
Iron & Hardware (India) Co —Nagdevi Cross Lane
Jagkumar & Co —Prospect Chamber Annexe, 317 21 Hornby Road, Fort
Jashwantlal Manecklal & Co —40, Churchgate Street, Fort
Jayant Traders —275, Frere Road, Fort
Jayems Engineering Co —Warden House, Sir Phirozshah Mehta Road, Fort
Jehangir J M Poonjiajee —Byramjee Mansion, Sir Phirozshah Mehta Road, Fort
Jhaveri Brothers —149 Shroff Bazar, Bombay 2
Jhaveri & Co , S —Sambava Chambers, Sir Phirozshah Mehta Road, Fort
J L Khemani & Co —190, Princess Street, Bombay 2
Kalapi Stores —46, Swadeshi Market, Kalbadevi Road, Bombay 2
Kanakia Corporation —163, Nagdevi Cross Lane, Bombay 3
Keshavlal, J , & Co —Saheb Building, 195 Hornby Road, Fort
Kewalram & Bulchand —Shree Krishna Nivas, Kalbadevi Road, Bombay 2
Khairullah, G D —105, Apollo Street, Fort

KHATAU VALABHDAS & CO —Vadgadi, Bombay 3 Phone No 21655 Tel Address "SCARLET" (for Dyes)

Kothari & Sons —20 Noble Chambers, Parsi Bazar Street, Fort
Lachhawni & Co —19, Hamam Street, Fort
Lachmandas Ramchand —98, Nagdevi Cross Lane Bombay 3
Lamb Brothers (1939) —Bombay Mutual Annexe, 2nd Floor, Gunbow Street, Bombay 1

LATHAM ABERCROMBIE & CO , LTD —Forbes Building, Home Street, Fort

Laxmi Commercial Agency —16, Apollo Street, Fort
Leories Trading Co —Buona Casa, Sir Phirozshah Mehta Road, Fort Bombay

Maharashtra Leather Works —Opp Dadar Station (Western (Rly), Bombay 14
Mahindra & Mahindra Ltd —Gateway Building, Apollo Bunder
Manchester Commercial Corporation, Bombay Mutual Annexe, 1st Floor, Gunbow Street, Fort, Bombay
Mangaldas & Sons —Lentin Chambers, Dalal Street, Fort
Manufacturers Eastern Agency —105 Apollo Street, Fort
Marshall Sons & Co (India) Ltd —Marshall Building, Ballard Estate, Fort
Marby Sons & Co — R '-3, Nowroz Baug, Lal Baug, Bombay 12
Mata Lachhmi Co —Hussemi Chambers, Nanabhai Lane, Fort
Mill Factors Corporation —Advani Chambers, Sir Phirozshah Mehta Road, Fort
Modak Agency —Janmabhoomi Chambers, Fort Street, Fort
Modern Products Ltd —Churchgate House, Churchgate Street, Fort
Modern Trading Corporation —79 81 Medows Street, Fort
Montgomery Ollerton & Co (Estd 1916, Shanghai) —147-A, Mahatma Gandhi Road, Fort
Motor Color Company —33, Nagdevi Street Bombay 3
Mousell & Company Ltd —Lotus House, Marine Lines
Muller & Phippe (India) Ltd —Queen's Mansions, Bastion Road, Fort
Muncherjee Byramjee & Co (Estd 1882) —Office and Factory Jerajbhoy Street, 100, Foras Road, near Municipal Workshop Bombay 8
Murdoch Smith & Co , C M - 23, Waudby Road, Fort
Narendra & Co —Bansilal Mansion, 11, Bruce Street, Fort
National Hardware & Stores Supply Co —30, Khoka Bazar, Sarang Street Bombay 3
National Sales & Services Ltd —12, Rampart Row, Fort
New Associated Commercial Enterprises, Ltd —166, Hornby Road, Fort
Niranjan (India) Corporation —Wakefield House, 16, Sprott Road, Ballard Estate
Oomedchand Kashiram & Co —Mudi Bazar Bombay 3
Oriental American Agencies —199, Frere Road, Fort
ORMERODS (INDIA) LTD —Bank of Baroda Building, Apollo Street, Fort, P O Box No 410, Bombay Phone 27077-78 (2 lines) Grams "RAMSHEAD"
Overseas Chemical & Trading Co —Jan Mansion, Sir Phirozshah Mehta Road, Fort
Overseas Commercial Corporation —Kitab Mahal, 192, Hornby Road, Fort
Palm Court Buildings Ltd — 964 Chira Bazar, Bombay 2
PARAMOUNT (INDIA) LTD —Kermani Building, Sir Phirozshah Mehta Road, Fort, Bombay 1
Parekh Bros Ltd —65, Mahatma Gandhi Road, Fort
Parry & Co Ltd —Warden House Sir Pherozshah Mehta Road, Fort
Parsee Trading Co —Vithal Sayana Building No 2, Lohar Chawl, Bombay 2
Paul & Co , B —Behramji Mansion 4th Floor, Sir Phirozshah Mehta Road, Fort
Pioneer Consolidated Co of India, Ltd —Botawalla Building, 11-13, Elphinstone Circle, Fort
Plastic & Industrial Corporation Ltd —15, People s Building, Sir Phirozshah Mehta Road, Fort
P P Corporation Ltd —Hamam House, Hamam Street, Fort
Prabhulal N Anandwala —43, Tamarind Lane, Fort
Premera Corporation —Nagin Mahal 82/82 A 82 B, Veer Nariman Road Bombay 1 Phone 30164, Grams PAULIOMI"
P. R Patell & Co Ltd —Mherwan Building, Sir Phirozshah Mehta Road, Fort
Priam & Co —Bell Building, Sir Phirozshah Mehta Road, Fort
Purushottamdas, A H —36, Lentin Chambers, Dalal Street, Fort
Raj, H , & Co —93, Princess Street, Bombay 2
Raj Der-Kar & Co —Commissariat Building, Hornby Road, Fort
Ratansi Morarji Ltd —Prospect Chambers, 317 21, Hornby Road, Fort
R C H Barar & Co —239, Abdul Rehman Street, Bombay 3
Refrigerator & Appliances Co , Ltd —Victory Court, 34, Queen's Road, Bombay 1
Rikhye, N M , & Co —Wadia House, Colaba
R L Bros & Co —4th Floor, Dhun Nur ', Sir Phirozshah Mehta Road, Fort
Robert Chamlian —31, Forbes Street, Fort
Roberts Mclean & Co Ltd —Ilaco House, Sir Phirozshah Mehta Road, Fort
Ronald Bros —25, Bank Street, Post Box No 1420, Fort
Royal Express Agency —247, Nagdevi Street, Bombay 3
Sarabhai & Co —Western India House, Sir Phirozshah Mehta Road, Fort
Sawhney & Co —Shahpur House, Cawasji Patel Street, Fort, P O Box No 148/A, Bombay
Scientific Instrument Co , Ltd —Navsari Building, 240, Hornby Road, Fort
Sethisons Ltd —12, Rampart Row, Fort
Sethy, M , & Co —29, Ismail Building, 351, Hornby Road, Fort
Shaikh & Co —94, Ali Umar Street, Bombay 3
Shamdas B , & Co —121, Himalaya House, Palton Road, Bombay 1
Shanker Singh & Co —10/10A, Nanabhai Lane, Bombay
Shapurji, R K , & Co —Prospect Chambers, 319, Hornby Road, Fort
Sheares, H A , & Co —30, Western India House, Sir Phirozshah Mehta Road, Fort
Shroff & Co , Dali B —361, Hornby Road, Fort
Singham Bros & Co (India) Ltd —P O Box 894, Bell Building, Sir Phirozshah Mehta Road Fort
Siqueira & Sons —121, Fort Street, Fort
Sivramakrishnan, M —Hazi Manzil, 82 86, Abdul Rehman Street Bombay 3
Somani & Company Ltd —Mehta Building, Medows Street Fort, Bombay
Sona Trading Corporation —257, Frere Road, Fort
Sorabji Khursedji & Co —Calicut Street, Ballard Estate Phone 30562 Grams 'Adyshap"
Speciality Traders Ltd —Imperial Chambers, Wilson Road, Ballard Estate
Subodh Indent Agency —44, Kumar Villas, Mangalvadi, Girgaum, Bombay 4
Sudhir Limited —Central Bank Building, Bruce Street, Fort
Sunder Mehta & Co —413G, Vasant Wadi, Kalbadevi Road, Bombay 2
Tarachand Pursram — Court House, Carnac Road, Bombay 2
Triton Trading Co , Ltd —Menkwa Building, 10, Outram Road, Fort
Turner Hoare & Co Ltd —Gateway Building, Apollo Bunder Fort, Bombay
Union Trading Co (Bombay) Ltd —Arya Bhuvan Building Graham Road, Ballard Estate, P O Box 116, Bombay
Unisales (India) Ltd -27 33 Medows Street, Fort Bombay
United (India) Agencies —Hassan Chambers, Parsi Bazar Street, Fort
United Sales Agencies (India) —Amarville, 3, Lady Jamshedji Road, Bombay 16
Universal Export and Import Co —Swadeshi Mills Estate, New Queen's Road
Utoomal & Assudamal & Co —Bombay Mutual Annexe, Gunbow Street Fort
Valab & Co , M —Podar Chambers, Parsee Bazar Street, Fort
Vasi Bros & Co —Topiwala Mansion, Mahomedally Road, Bombay 3
Vazirali Ltd —Prospect Chambers Hornby Road, Fort
Vikram Padamsey & Co —Rustom Building, 29, Churchgate Street Fort
Ward Thos W (India) Ltd —Marshall Building, Ballard Road, Fort
Watanmal Boolchand —P O Box 2233, 534, Kalbadevi Road, Bombay 2
Watumull, J —5/A, Advani Chambers, Sir Phirozshah Mehta Road, Fort
Western India Engineering Corp Ltd —Cama Chambers, 23, Medows Street, Fort
Western Mercantile Co — 33 38, Western India House, Sir Phirozshah Mehta Road, Fort
William Jacks & Co , Ltd —Hamilton House, Ballard Estate, Fort.
Wyne & Co —Karim Building, Mohamedali Road, Bombay 3
Yacob Ahmed Bros —Topiwalla Mansion, Mahomedally Road
Yeshanand & Co —Podar Chambers, Parsee Bazar Street, Fort

RICE MILLS

Dharvi Trading Co —64, Old Custom House Road, Fort
Mehta & Co S —Anees Chambers Annexe, Carnac Road, Bombay 1
Pans & Co —105, Apollo Street, Fort
Shamjee Veljee & Co —Rice Millers & Merchants, 228, Narsi Nathji Street, Bhat Bazar, Bombay 9

ROAD BUILDING MACHINERY

Associated Machine & Tool Co —130, Medows Street, Fort Phone 28688
Choksi, H , & Co —106, Medows Street, Fort
Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort & Sethna Hall, Nesbit Road, Mazagaon, Bombay 10
EAST ASIATIC CO (INDIA) LTD —Wavell House, Graham Road, Ballard Estate Phone : 30995
Excellent Engineering Co —11, Botawalla Building, Elphinstone Circle, Fort
Great Western Engineering Works — Sea View," 1st Pasta Lane, Colaba, Bombay 5
Jacks, William & Co Ltd —Hamilton House, Graham Road, Ballard Estate, Fort
Larsen & Toubro Ltd —J K Building, Dougall Road, Ballard Estate, Fort
MILLAR'S TIMBER & TRADING CO , LTD.—Victoria House, Victoria Road, Bombay 27.
Murdock-Smith & Co , C M —23, Waudby Road, Fort
Volkart Brothers —Volkart Building, 19, Graham Road, Ballard Estate
Ward, Thos , W (India) Ltd —Marshall's Building, Ballard Road, Fort

ROPERIES

Adamally Sons Ltd —277, Nagdevi Street, Bombay 3

ADAMJI KADERBHOY —Post Box No 5046, 337, Katha Bazar, Bombay 9 Tel No 32685 Manufacturers and Stockists of Cordage, Manilla Coir, Hemp & Cotton Ropes Approved Contractors to Govt., Rlys and Steamship Companies Exporters of Coir Products Selling Agents for The Ganges Rope Co , Ltd , Calcutta

Bottomley, A C , & Co – Stronach House, Graham Road, Ballard Estate

CHANDULAL & CO , KATHAWALLA —11, Kazi Sayed Street, Bombay 9 Grams "CORDCOIR" Phone 71298

Fatabhai, K S , & Co —129, Nagdevi Street, Bombay 3
Gujrat Rope Factory —57-61, Bhajipala Lane

HASANALI AKBARALI KATHAWALA —399/401, Narshi Natha Street, Bombay 9 Dealers in every kind of Coir Rope, Fibre, etc Govt & Railway Contractors Phone 22492 Grams "WAYNILA."

INDIAN ROPE MANUFACTURING CO (Estd 1907) —79/A, Foras Road, Bombay 8 Grams "INDROPCO" Manufacturers of "Lion Brand" Engine Cotton Driving Ropes, Bandings, etc

J EBRAHIM & CO —Genuine Manila, Sisal, Hemp, Coir, Cotton and Jute Ropes, Jute Twines, Jute Spun Yarn, Oakum, etc , 345, Katha Bazar, Bombay 9 Phone 21428 Grams "PANJATANI" Sole Selling Agents for Bombay Province for Messrs W H Harton & Co , Ltd

M BEST COTTON ROPE MANUFACTURING CO — Manufacturers of Engine-Cotton-Driving Ropes, Cotton Bandings, Tubular Banding, Spindle Tapes, etc 47-49, Forbes Street, Fort Tel No 25581 Grams "ROPEMART" Proprietors M J Thanawala & Co Tel No 87514

M N Narwekar & Co —7, Homji Street Fort
Mohamedbhoy H , & Co —114 116 Bhajipala Lane Bombay 3
Ochhavlal Chhotalal & Co —207 209 Nagdevi Street Bombay 3
Premji Haridas & Co —Bhanusali Chambers, 168, Argyle Road, Bombay 9
Raniwalla & Co , M M A —Hoosenbhai Building 17 Janjikar Street, Koliwada
Star Rope Works The – 87, Sun Mill Road Lower Parel, Bombay 13
Talib & Co —Talib House 104 Nagdevi Street Bombay 3

THANA TEXTILE ROPE WORKS —"Sun Brand" Pink Ply Cotton Rope Manufacturers and Merchants Crescent Chambers, 1st Floor, Tamarind Lane, Fort, Bombay 1 Phone 31953 Grams "PICKROLLS"

Thanawala & Co , M J —47 49, Forbes Street, Fort
Thanawala, B , & Sons Ltd —47 Tamarind Lane, Fort
Todi & Co —Importers & Exporters 41, Hamam Street

ROSIN AND TURPENTINE MANUFACTURERS

Bombay Rosin & Turpentine Co —G P O Box 1512 76, Podar Chambers Parsi Bazar Street Fort
Kirtikumar Chandulal & Co —313 Samuel Street Vadgadi Bombay

EMPEE CORPORATION LTD —Dadyseth House, 44, Cawasji Patel Street, Fort Grams "ROSTURP" Phone 25802

RUBBER GOODS MANUFACTURERS

BHARAT & CO —P O Box No 5539, Bombay 14 Wholesale Dealers in Contraceptive Rubber Appliances and Reliable Medicinal Preparations Write for free Catalogue Trade Enquiries from Chemists and Wholesalers Solicited

Blascheck, H , & Co —Opp Hongkong Bank, 44, Cawasji Patel Street, Fort
Cawnpore Mills Depot —Churchgate House Churchgate Street, Fort
Cosmos India Rubber Works, Ltd —7, Homji Street, Fort
Cosmos Rubber Industries Ltd —131/A, Bhavanishanker Road, Dadar Western Rly
Dunlop Rubber Co (India) Ltd —Dunlop House, Hughes Road

EBRAHIM ALLIBHOY & SONS (ESTD 1934) —Importers and Exporters of Cutlery, Rubber and Plastic Toys, Imitation Jewellery, Presentation Articles and Novelties. 260-64, Abdul Rehman Street, Bombay 3 Phone 33463

Empire Industrial Works —Warden House, Sir Phirozshah Mehta Road, Fort

EXCELSIOR COMMERCIAL CORPORATION —243, Abdul Rehman Street, Bombay 3 Grams "BIGSALES" Phone 26463. Exporters of Rubber Goods, such as Balloons, Feeding Bottles and Eye-Dropper Nipples, Industrial and Surgical Gloves, Rubber Toys and Balls, Prophylactics, etc

Ghia, B L —Behramji Mansion, Sir Phirozshah Mehta Road, Fort
Globe Printing Bureau —2nd Floor, Rehman Building, 24, Vir Nariman Street, Fort
Great Eastern Trading Co —107, Cawasji Patel Street, Fort

HARBO TRADING SYNDICATE —Prospect Chambers Annexe, Hornby Road, Fort Phone 22719 Grams "HARBOSYN"

Harivadan S Dholabhai – 21A, West View, 10th Khetwadi, Bombay 4 Suppliers of Rubber Stamps Blocks, Cinema Slides and Embossing Dyes

HIND RUBBER INDUSTRIES LTD —Suryodaya Mills Compound, Tardeo Road, Tardeo, Bombay 7 Phone 41509 Grams "HINDRUBBER." Manufacturers of Rubber and Ebonite Articles such as Bicycle Pedal Rubber, Handle Grips, Brake Rubber and Seat Covers, Perambulator Tyres, Tricycle Tyres, Grips and Pedals, Solid Rubber Tyres for Trolley wheels and complete Trolley wheels and various other types of moulded and expanded Rubber and Ebonite Articles required by Railways, Mills and other Industrial Concerns Managing Director Shri Shankerlal G Jhunjhunwala

HINDUSTAN TYRES LTD —Manufacturers of all kinds of Rubber and Ebonite Goods and Retreaders of Tyres Lamington Road (North), opp Agripada Police Station, Bombay 11 Phone No 42821 Grams "TYRES"

Industrial Store Agency —59, Forbes Street, Fort
Jai Hind Rubber Products, Ltd —391F, Grant Road, Bombay 7
Kapadia Brothers —Kalan Building No 3, Khandewadi Bombay 4
Kilburn & Co , Ltd —Asian Building, Nicol Road, Ballard Estate, Fort
Kishore Rubber Industries —Suryodaya Mills Compound, Tardeo, Bombay 7
Korula Rubber Co , Ltd —Great Social Building, Sir Phirozshah Mehta Road, Fort
Mag Products —24, Vir Nariman Street, Fort
Merchant Bros —151 Nagdevi Street
Rawal Rubber Works —Hamam House, Hamam Street, Fort

RUBBER INDUSTRIES (INDIA) —Works at Kurla Road, Andheri Phone 86214 Distributor's Office 243, Abdul Rehman Street, Bombay 3 Grams "BIGSALES" Phone 26463

Sahu Rubber Ltd —15A, Elphinstone Circle Fort
Shamsunder Kishindas & Co , Ltd —Devkaran Mansion, Princess Street
Shoe Marketing Company —Bharat Building, 15A, Elphinstone Circle, Fort

SORABJI D DARUWALLA —Round Building, Kalbadevi Road Sole Agents East India Rubber Works Ltd , Calcutta Manufacturers of all kinds of Rubber Goods, Ebonite Sheets and Rods, Moulded Rubber goods Direct Importers of Surgical, Mechanical and Technical Rubber Goods Phone 30348 Grams: "REDCROWN"

S S Prabhu —Ghamat Terrace, opp Dadar Station Central Rly , Bombay 14
Standard Rubber Corporation, The —81, Esplanade Mansion, Mahatma Gandhi Road, Fort, Bombay
Supreme Industries Ltd —Sewree Cross Road, Wadala, Bombay
Thomas Korula —Great Social Building, Sir Phirozshah Mehta Road, Fort
U S Trading Co —P O Box No 1213, Fort
Versatile Traders, Ltd —Behramji Mansion, Sir Phirozshah Mehta Road, Fort

VIJAY BAKELITE TRADING CO —Suppliers of all kinds of Rubber Caps, Corks, Washers, Rings and all Chemical Proof Rubber Sheetings, Pimpalwadi, Mugbhatt Street, Bombay 4

Vir Brothers —43, Dhanji Street, Bombay 3
West India Company —Behramji Mansion Sir Phirozshah Mehta Road, Fort

RUBBER STAMP MANUFACTURERS

Ghalsas, G J , & Co —Ramchandra Building, Tram Terminus, Girgaum
Goonanath, P —Nana Shankar Seth's Wadi, Girgaum Road, Thakurdwar
Kotkar, M B , Bros —373, Girgaum Road, Thakurdwar

MANKAME BROTHERS —Rubber Stamp Manufacturers, Engravers and Die-Sinkers, 406, Kalbadevi Road, Bombay 2 Phone 23960

Masani & Co —91, Medows Street, Fort

PANDHARINATH S BHATKER —Embossed Labels Manufacturers, 12, Cawasji Patel Street, Fort

Stewarts Laboratories —327, Hornby Road Fort
Surti Harilal T —15/9, Khetwadi Bombay 4 Importers of Rubber Stamp and Process Block Making Materials
Thacker & Co Ltd —18-20 Rampart Row Fort
Young India Stationery Mart —43, Ghoga Street, Fort

SADDLERS AND HARNESS MAKERS

Army & Navy Stores Ltd —Mahatma Gandhi Road
Elgin Leatherwares, Ltd —Nawab Building, 327 Hornby Road opp Thos Cook & Son, Fort, Bombay
Kamrudin Adamjee & Co —135, Bhendi Bazar
Mamaji, Y A , & Son —Tyeb Manzil, 136-139, Bhendi Bazar
Noorbhai Jivaji —Tyeb Manzil Bhendi Bazar, near Tram Junction
Tajbhoy Allibhoy & Sons —117, Ebrahim Rahimtulla Road, Bombay 3

SAGO FLOUR IMPORTERS AND DEALERS

Arvinda Trading Co Ltd —105 Apollo Street, Fort
Beardsell & Co , Ltd , W A — Dhan Nur , 15/16, Sir Phirozshah Mehta Road, Bombay 1
Chemautex —11, Bank Street, Fort Bombay
Diarvi Trading Co - 64, Old Custom House Road, Fort Bombay
Jagkumar & Co —Prospect Chambers Annexe, 317 21, Hornby Road, Fort
Sizing Materials Co , Ltd —Jeroo Building 137, Mahatma Gandhi Road, Fort
SUDHIR & CO —Sago Flour, Starches, Gums and Chemical Merchants, opp New Sugar Market, Frere Road, Bombay 9 Phone 32532 Grams "SPEEDSTEEL "
Todi & Co 41, Hamam Street, Fort

SALT MERCHANTS

Bhiwandiwalla, H M D H , & Co - 538, Chira Bazar
KHAN BAHADUR HORMASJI MANECKJI DOSSABHOY HORMASJI BHIWANDIWALLA & CO —583, Chira Bazar, Bombay No 2
ORIENTAL SALT TRADING CO —552-A, Adenwala Road, Bombay 19 Manufacturers and Suppliers of Common Salt to Industrial Concerns and Retail and Wholesale Dealers
Prabhulal L Pandya & Co —11, Bank Street, Fort

SALTPETRE MERCHANTS

Jehangir J M Poonjiajee —Byramji Mansion, Sir Phirozshah Mehta Road Fort
Kikabhai Gulamhusein —210, Samuel Street Vadgadi Mandvi
Narotamdas Harivallabhdas —80 Khand Bazar Mandvi
Shamji Bhanji & Co —226 Samuel Street, Vadgadi, Bombay 3

SAND, STONE AND CHUNAM MERCHANTS

Ahmed Noormohmed Chunawala & Co --338, Ghodbunder Road, Andheri
Atmaram Bros —Thakurdwar Mortar Mill, 340, Girgaum Road and Duncan Road
Bharat Pulverising Mills —Chinchpokli Cross Lane Byculla, Bombay 27
Ismail Noormahomed & Co —Opp Market, Andheri
Fazluddin Ibrahim Chunawala —Near Water Pipe, Chinch Bunder
Haji Adam Haji Abba & Co —Reti Bunder, Mazagaon
Haji Umer Haji Musa —Near Police Station Pydhownie
Harilal Tribhovandas & Bros —161 Panjrapole Road
Hasham Joosab —291 A Duncan Road
Industrial Minerals & Chemical Co — 125, Narayan Dhuru Street, Bombay 3
Laxmi Mortar Mills —Portuguese Church Street Dadar
Mohanlal Jamnadas & Sons —Opp Mohan Building, Girgaum
Pavri, Kavasjee Bhicaji —10, Transvaal Terrace, Falkland Road
SAWHNEY CONSTRUCTION CORPORATION—Stone, Stone Materials and Sand Suppliers, Gilbert Hill, East Side, Andheri Phone 86610 Grams "SAWHNEYTEJ" Sole Proprietor —Mr Mohansingh Bhagwansingh Sawhney Residental Address Guru Arjan Nivas, 53, Ghodbunder Road, Santa Cruz, Bombay
Stone Supplying Co Ltd —494, Duncan Road, Bombay 14
Taiyabi Mortar Mills —10, Underia Street Choksey Mohoila
Tansukhlal Ratilal & Co —15 2nd Sutar Gali, Null Bazar
Wagle & Sons —Opp Congress House, Girgaum Back Road
Yusuf Dada Chunawalla & Co —34, Bapu Khote Street, Bombay 3

SANDALWOOD MERCHANTS

Bharucha, A K , & Co —202, Bora Bazar Street, Fort
EDULJI RUSTOMJI SUKHADWALA —266, Thakurdwar Bombay 2
Mysore Products, Ltd —191 Princess Street
SORABJI NOWROJI & CO —16, Horniman Circle, Fort
Sukhadwalla, Manecksha Hormasji —Opp Wadia's Fire Temple, 607, Girgaum Road
Wardens (Mysore) Ltd —378, Karanjia Building, Grant Road

SANDALWOOD & PALMAROSA OILS

SORABJI NOWROJI & CO —16, Horniman Circle, Fort

SANITARY ENGINEERS

Abdulhusein Esoofally Contractor —91 93 Bapu Khote Street Bombay 3
Adamally Sons Ltd —277, Nagdevi Street, Bombay 3
Advance Tube Co —99, Nagdevi Street, Bombay 3
A G KARIMJI CALCUTTAWALLA —82/84, Gulalwadi, Kika Street, Bombay 4 Phone 73636 Grams "SANITARY" G I Pipe Fittings, Sanitarywares, Brass Cocks and Valves and Plumbing Materials
Badrudin Hasanali & Co —43, Gulalwadi Kika Street
Balsara & Co —41 45, Medows Street Fort
B Bamboat & Co —56 Gowalia Tank Road Bombay 26
Bhathena & Co —Patel s Bungalow, 187 opp Grant Road Railway Station (Up)
Bhathena B N , & Co —100, Nagdevi Street Bombay 3
Bhole & Co —Near Fire Temple Junction of Queen s Road & Thakurdwar Road
Bombay Sanitary Engineering Co —204, Bazargate Street, Fort
Burjor Framji & Co —Marine Mansion, Marine Lines, Off Queen s Road
Dhamankar, W , & Co —196A Girgaum Road Bombay 4
Dixon H I , & Co , Ltd —Ajam Building, Ballard Estate
Esoofally Dawoodbhoy — 18 Doctor Street, Dhanwadi Mohoila
Esufally Adamji & Co —134 Nagdevi Street
Fidaali Rajabali --165, Hill Road, Bandra
Gagrat & Co —160, Nagdevi Street
Gannon Dunkerley & Co Ltd —Chartered Bank Building Mahatma Gandhi Road Fort
Glenfield & Kennedy, Ltd —Wallace Building, 9 Wallace Street Fort
Godbole Bros —101 103 Mugbhat Street, Girgaum
Jafferjee Hussonally & Sons —68, Nagdevi Street, Bombay 3
Jashwantlal Manecklal & Co —40, Vir Nariman Street, Fort
Keshawlal Laloobhai —87 89, Parsi Gali, Dhanji Street
Khambati G L —Hararwalla Building 5, Ardeshir Dady Street Sandhurst Road Bombay 4
Marker S D , & Co — Ismail Building 381 Hornby Road, Fort
Mavani B & Co --187, opp Grant Road Station (East) Bombay 7
Minoo Cawasji Press L S E - Sanitary Engineer, Hamal Wadi Dhobi Talao
Mistry, P M , & Co —43, Tamba Kanta Pydhonie
Mohomedbhoy Esoofally Nulwalla —78, Bapu Khote Street, Jambli Mohoila Null Bazar, Bombay 3
Nanalal Ambalal & Co —69 Nagdevi Street, Bombay 3
Nanalal Pandya & Co —302 Angrewadi, Kalbadevi Road
National Engineering Co —103 Nagdevi Street
NEW INDIA SANITATION COMPANY —Central Bank Building, 3rd Floor, Fort, Bombay Phone 33122 Grams "JONTINSON" Sanitary Engineers, Licensed Plumbers, Contractors and Hot Water Specialists
Patankar, R A , & Co —Madhav Wadi Naigaum Cross Road, Dadar
Pawar, B , & Co —Near Madhav Baug, 102, Ardeshir Dady Street
Press Cowasji Dinshaw —Hamal Wadi, Dhobi Talao, Bombay 2
R MOOLCHAND & CO —44, Nagdevi Cross Lane, Bombay 3 Direct Importers, Sanitary Wares, Bath Tubes, Fancy Bath Room Fittings Grams "POTTERY" Phone 34207
Ratilal & Co —Madhavji Thakersey Building Picket Cross Road
Richardson & Cruddas —Byculla Ironworks, Byculla
Sanitarion (Bombay) Ltd —Navsari Chambers, Outram Road Fort Bombay
Service, Geo , & Co —Sohrab House, 237, Hornby Road, Fort
Simpson, D R , & Co —33, Gamdevi Road, Grant Road, Bombay 7
United Tube & Hardware Co —146, Nagdevi Street, Bombay 3
UNIVERSAL SANITARY ENGINEERING CO.—Kitab Mahal, 1st Floor, 190-192, Hornby Road, Fort
Victoria Sanitary Stores —54, 3rd Bholwada Bhuleshwar, Bombay 2
Vidya Sanitary Works —16 24 Lohar Chawl, Bombay 2

SANITARY WARES, PIPES & FITTINGS

ABDEALLY, B M & CO —127, Sarang Street, Bombay 3 Phone 31790
Abdulhusein Esoofally Contractor —91 93 Bapu Khote Street, Bombay 3
ADVANCE TUBE CO —99, Nagdevi Street, Bombay 3 Phone 24751 Grams "ELBOWS"
A G KARIMJI CALCUTTAWALLA —Pipes, Fittings and Sanitarywares, 82/84, Gulalwadi, Kika Street, Bombay 4 Phone 73636 Grams "SANITARY"

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Batliboi, C J, & Co —319, Hornby Road, Fort
Bombay Building Materials Trading Co —73, Medows Street Fort
Bombay Potteries & Tiles Ltd —Pipe Road Kurla Bombay
Calcutta Iron and Steel Co 68 D Mohamedally Road Bombay 3

C BHOGILAL & CO —Hanuman Building, Behind Reserve Bank, Elphinstone Circle, Fort

Clubwala & Co —27 29, Hamam Street Fort
Faufally Adamji & Co —184, Nagdevi Street Bombay 3
Garlick & Co —Haines Road, Jacob Circle
Gigabhai, K, & Sons —8 10 Green Street Fort Bombay
Gopalchand Puri & Brothers —135 Javeri Bazar, Bombay 2
Gupta, D P, & Co —181, Nagdevi Street Bombay 3
Hindustan Tube Company —163 Nagdevi Street, Bombay 3
India House —Prop Rajabali Gulamali 85 Nagdevi Street Bombay 3
Jashwantlal Manecklal & Co —40 Vir Nariman Street Fort

J CHAMPAKLAL & CO —44, Nagdevi Cross Lane, Bombay 3

JIVRAJ & VRAJLAL —122, Nagdevi Street, Bombay 3 Phone No 33038 Grams "SANIPIPES"

K CHIMANLAL & CO —107-A, Nagdevi Street, Bombay 3

Marker, S D, & Co Ltd —381 Hornby Road Fort
Mehta N M, & Co —6/10 Old Custom House Road Fort
Mohamedalli & Co Quettawalla —71 75 Nagdevi Street, Bombay

NANALAL AMBALAL & CO (Estd 1917) —69, Nagdevi Street, Bombay 3 Phone 25164 Grams "VILVALHIRO" Direct Importers of Galvanised Pipe Fittings & Sanitarywares

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Sivramakrishnan, M —Hazi Manzil 82 86 Abdul Rehman Street Bombay 3
Sizing Materials Co, Ltd —Jeroo Building 137 Mahatma Gandhi Road
Teamsan Traders —Nagdevi Street Post Box No 3162 Bombay 3
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Vadilal & Co —435 Duncan Road Bombay 4
Victoria Sanitary Stores —54 3rd Bhoiwada, Bhuleshwar Bombay 2
Vinubhai Chandulal & Co —65 Nagdevi Street Bombay 3
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Brijmohan Banwarilal —61, Reay Road, Mazagaon, Bombay 10
Gilder Saw Mills —40 Victoria Road Mazagaon, Bombay 10
Grand Woodworks & Saw Mills —Connaught Cross Road Ghorupdeo
McKenzies, Ltd —Sewri
Meherally Saw Mill & Timber Works —Ghorupdeo, Connaught Road Bombay 10
Millar s Timber & Trading Co, Ltd —Victoria House, Victoria Road, Mazagaon

PODAR SAW MILLS —61, Reay Road, Bombay 10

Sunderdas Saw Mills —Opp Reay Road Station, Bombay 10
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Bhatia Surgical Works —199 Khetwadi Main Road Girgaum Bombay 4

Bole Brothers —49, Princess Street, Bombay 2

CRAFTSMAN ELECTRONIC CORPORATION LTD —Navsari Building, 240, Hornby Road, Fort and Sethna Hall, Nesbit Road, Mazagaon, Bombay 10

DOCTOR & CO —Bombay Mutual Terrace, 534, Sandhurst Road, Bombay 7 Grams "DIATHERMY" Suppliers of Surgical Scientific Laboratory, Hospital and Research Equipments and Instruments

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Fredrick Herbert —10 2nd Pasta Lane, Colaba Bombay

Gannon Dunkerley & Co Ltd —Chartered Bank Building, Mahatma Gandhi Road Fort

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Jitendraray & Co —37 185 Princess Street

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Phil Educational Co —79 Ghoga Street P B 1450 Fort Bombay

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Sonal Rangnow & Co —41, Hamam Street, Fort, Bombay
Trinity Electric Syndicate —Princess Street (Electrical)
UNIQUE TRADING CORPORATION —51-53, Babu Genu Road, New Hanuman Lane, Princess Street, Bombay 2 Grams "UNILAB "Phone 26983
WESTREX CO , INDIA (Formerly Western Electric Company of India) —Metro House, Mahatma Gandhi Road, Bombay No 1 Grams "WESTELIND" Phone Nos 33439 and 34027 Post Box No 1232
Zill & Co — Princess Street Bombay

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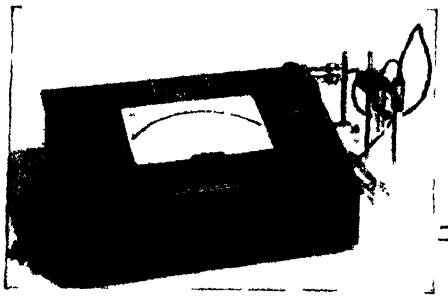

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Chimanlal Patel & Co —174, Hornby Road Fort
Don Products Ltd —219 Frere Road Fort, opp G P O
EAST ASIATIC COMPANY (INDIA) LTD —Wavell House, Graham Road, Ballard Estate Phone 30995
Fruit Farm Products Co —Byramji Mansions, Sir Phirozshah Mehta Road Fort
Kooverji Becharlal —350 54, Narshi Natha Street, Bombay 9
Laxmi Commercial Agency —16 Apollo Street, Fort
Milkhiram (India) Ltd —Waterloo Mansion, Wodehouse Road Fort Bombay
Tarachand Purshram —Court House Carnac Road Bombay 2
Tavaria Bros Dhun Nur Sir Phirozshah Mehta Road, Fort
Y K Sampat & Co —382 84 Katha Bazar Bombay 9

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Latham Abercrombie & Co [illegible] Fort

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Bell & Co Ltd —6, Sir Phirozshah Mehta Road Fort
Imperial Sewing Machine Co —Dhutpapeshwar Building, Mangalwadi Girgaum
Jayantilal Keshavlal & Bros —282 Sandhurst Road Bombay 4
Khurya Co Ltd —Head Office Beaumon Chamber, 27,33, Medows Street Fort
Lalchand R & Co —93 Princess Street
Mehta Bros & Co Krishna Build [illegible] ndhurst Road, Bombay 4
P Parbhulal & Co Ltd —Whiteaway [illegible] uilding, Hornby Road, Fort
Pedneker & Co —172 Girgaum Road Bombay 4
Shah & Co Opp Prarthana Samaj 161, Charni Road, Bombay 4
SINGER SEWING MACHINE CO —Singer Building, 207 Hornby Road, Fort, P O Box No 441, Bombay 1

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Morgan Milton Limited —Wavell House, Graham Road, Ballard Estate Bombay 1

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Ahmed, H , & Co —139, Nagdevi Street
Amratlal & Co Sutarwala, 10 Mirza Street (1
Blascheck, H , & Co —Dadyseth House, 44 Cowasji Patel Street Fort
Central Agency Ltd —81 Palton Road Fort
Ebrahim Alibhai Bros —15 Sutar Chawl Bombay 2
Fakhri Thread House -72 Bhajipala Lane Bombay 3
Gulam Rasul Allahbux —1 B, Bachooali House, Nowroji Hill Road No 1, Bombay 9
Khurya Co Ltd —Head Office Beaumon Chambers, 27-33, Medows Street, Fort
Kshitiskumar Das —94, Swadeshi Market, Kalbadevi Road, Bombay 2
Kuhn Industries —12-13 Swadeshi Market Kalbadevi
Lalchand R & Co —93 Princess Street Bombay 2
Lukmanji Musaji Sutarwala —41, Nagdevi Street, Bombay 3
M N Narweker & Co —7 Homji Street Fort
Narottamdas Bhagwandas & Sons —32 36 Nagdevi Street, Bombay
P Parbhulal & Co, Ltd —Whiteaway Laidlaw Building, Hornby Road Fort
Purshotam Bechar & [illegible] 0 Swadeshi Market, Bombay 2
Tolaram Ramdass & [illegible] Girgaum Road near Dhobi Talao Bombay 2
Vishram Bhagwandas & [illegible] r Chawl, Bombay 2

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Jumna Thread Mills Ltd 81 Palton Road Bombay 1
LAKHANI INDUSTRIES.—Office 349, Katha Bazar, Bombay 9 Factory 3-5, Syed Mukri Street, Bombay 9 Grams "SIMPLEMEN" Manufacturers of "Jai Somnath Brand" Thread tubes specially made for all machines
Thread House Limited — Head Office Beaumon Chambers, 27 33 Medows Street Fort

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South Indian Shellac Mfg Co, Ltd — Jan Mansion, Sir Phirozshah Mehta Road, Fort

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Abbas, A, & Brothers —127, Nagdevi Street Bombay 3

Abdeally B M & Co — 127 Sarang Street Bombay, Phone 31790

Abdeyally Shamsudin & Co —Near French Bridge Opera House Girgaum

Adamji Kaderbhoy —337 Katha Bazar Bombay 9

AMIRUDDIN SHALEBHOY TYEBJEE & SONS —Shale Building, 2nd Floor, Bank Street, Fort, Bombay 1

Associated Machine & Tool Co —130 Medows Street Fort

Baker A M, & Co —218 Nagdevi Street

Bombay Steam Navigation Co Ltd —Scindia House Ballard Estate

Calcutta Iron and Steel Co —68/D Mahomedally Road Bombay

Central Engineering Co —125 Nagdevi Street

Chadha B M, & Co —Jan Mansion, Sir Phirozshah Mehta Road, Fort P O Box 671 Bombay

Chandulal & Co —Kathawalla, 11, Kazi Sayed Street Bombay 9

Chatrabhuj & Co —Lohar Chawl

Cooper & Co —53, Abdul Rehman Street

Darukhanawalla, F E & Co —244 Nagdevi Street

Dawoodi H Vasi & Co — 164, Nagdevi Street

Dhani Ram & Sons —236 Musjid Bunder Road

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Eastern Stores & Trading Co Ltd —115A, Nagdevi Street

Edgar Handley & Co —Saksaria Chambers 139, Medows Street Fort

F E Darukhanawala & Co —44 Nagdevi Street Bombay 3

Haiderbhoy Esmailji & Co —168 Nagdevi Street Bombay 3

Hatimbhoy Goolamhusein & Bros —193 Nagdevi Street

Heptoola Noorudin & Co —152 54 Nagdevi Street Bombay

Jashwantlal Manecklal & Co —40, Churchgate Street Fort

Jashwantlal Manekial & Co —97, Nagdevi Street Bombay 3

K Chimanlal & Co —107/A, Nagdevi Street, Bombay 3

Kanji Jadhavji & Co —Masjid Bridge, Bombay 9

Kurwa & Kajiji —142 44, Abdul Rehman Street

Machine Tools & Implements —Advani Chambers Sir Phirozshah Mehta Road, Fort

Mackenzies Limited —Sewri, Bombay

Manuel, A, & Co —Haroon House, Bazar Gate Street, Fort

Marine & Mills (Agencies) —197, Nagdevi Street Bombay

Mashruwala, C M, & Co —172 74, Nagdevi Street, Bombay 3

Mohsinbhai Dawoodbhai —171 73, Nagdevi Street Bombay 3

Moloobhoy, Ahmed S, & Sons.—281, Nagdevi Street, Bombay 3

NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146, Bombay 3 Phone 33462 Grams: "REQUISITES"

New India Hardware Mart —152, Narayan Dhuru Street, Bombay 3

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Nooroodin Shaikadam & Co —159, Nagdevi Street

Ochhavlal, R, & Co —86, Nagdevi Street, Bombay 3

Reliance Trading Co —25/47, Lohar Street, Bombay 3

ROYAL HARDWARE MART —108, Nagdevi Street, Bombay 3 Phone: 24121 Grams: "MANILAROPE"

Saify, T A, & Brothers (India) —20, Sarang Street, Bombay 3

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Vasi, Shums & Co, Ltd —Vasi Building 165 67, Nagdevi Street

V Spark & Co —198, Carnac Road Bombay 2

Zaveri, C A, & Co —44, Abdul Rehman Street

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More S & Co —34 38, Hamam Street Fort

Nagool Bros —100 Mint Road, Fort

Pioneer Trading Co, The —Kanti Bhuvan, Parel, Bombay 12

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Bipin Silk Mills Co, Ltd —Old Kasturchand Mills Compound, 12, Dadar Road, Dadar

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Champaklal & Bros —Sajee Bhuvan, 143, Princess Street, Bombay 2

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C & J Silk Mills —Nehru Road, Vile Parle, Bombay Phone 26783 Manufacturers of Georgette and Ninon

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NATIONAL ART SILK MILLS, LTD —Old Kasturchand Mills Compound, Dadar, Bombay 28 Phones: 60440 & 61050 Manufacturers of High Class Rayon Fabrics

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Panalal Silk Mills —Atlas Mills Compound, Reay Road, Mazagaon, Bombay 10
Ramlal Silk Mills —Plot No 106, Sion Road Bombay 22
Roop Rayon Mills Factory at Ambewadi Parel Tank Road, Bombay 12 Phone 43409
Samraat Silk Mills – D Sudarshan Printing Works Compound, Agra Road, Vikroli
Sassoon and Alliance Silk Mill Co , Ltd —Victoria Road Mazagaon
Sharda Silk Mills Ltd —Atlas Mills Compound, Reay Road, Bombay 10

SHREE LAXMI SILK MILLS —Kasturchand Mills Premises, Dadar, Bombay 28

United Rayon Mills Ltd —Near Elphinstone Bridge, Low Level, Parel
Vijay Silk Mills —Atlas Mills Compound, Reay Road Mazagaon
Vinod Silk Mills – Kasturchand Mills Estate Tulsi Pipe Road, Dadar

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(See Textiles)

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Arvinda Trading Co Ltd —105 Apollo Street Fort
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Bhogilal & Co —7 10 Elphinstone Circle, Botawalla Building, Fort
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Express Trading Corporation —Patch Manzil opp Opera House Bombay 4
Gannon Dunkerley & Co , Ltd —Chartered Bank Building, Mahatma Gandhi Road, Fort
General Industrial Chemicals – Beaumon Chambers 27 33 Medows Street Fort
General Textile Stores Ltd – Beaumon Chambers 27 33 Medows Street Fort
Hardcastle Waud & Co Ltd —Alice Building Hornby Road Fort
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Hiralal V Shah & Co —Mehta Building Medows Street Fort
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Indo British Chemical Co Raja Bahadur Mansion, 11 Tamarind Lane Fort
Indus & Co —520, Krishna Nagar, Soparibaug Road, Parel, Bombay 12
Industrial Minerals and Chemical Co —25, Narayan Dhuru Street Bombay 3
Laveri Traders Lakhmi Building 34 Cawasji Patel Street Fort, Bombay
Kirtikumar Chandulal & Co —313, Samuel Street Vadgadi, Bombay
Latham Abercrombie & Co , Ltd – Forbes Building Home Street Fort

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Mehta, Sanghvi & Co —303, Samuel Street, Vadgadi, Bombay 3
Modern Sizing, Finishing and Textile Stores —Mustafa Building, Sir Phirozshah Mehta Road, Fort
Morgan Miller & Co —219, Frere Road
Nanavati & Co , Ltd —16, Apollo Street Fort

NATIONAL TRADING COMPANY —263, Hornby Road, P O Box 158, Bombay 1 Phone 26749 Grams "BHARAT" Manufacturers' Representatives and Distributors of Sizing and Finishing Materials and Allied Auxiliaries, Textile Leather goods, Bobbins, Shuttles, etc Branches Ahmedabad, Calcutta, Coimbatore and Delhi

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Poonjiajee Jehangir J M —Byramji Mansion, Sir Phirozshah Mehta Road Fort
Rasiklal & Co , Ltd —60 62, Princess Street, P B No 2228, Bombay
Ruia Textiles –17-19, Dalal Street, Fort
Rustomji Nowroji Bapasola (Estd 1909) —62, Forbes Street Fort
Sheth, S C , & Co , Ltd —Raja Bahadur Mansion, 14, Hamam Street, Fort
Shree Krishna Trading Co , Ltd —11, Alli Chambers Tamarind Lane, Fort
Singham Bros Co (India) Ltd —P O Box 894, Bell Building, Sir Phirozshah Mehta Road Fort
Sizing Materials Co , Ltd —Jeroo Building, 137, Mahatma Gandhi Road, Fort
Standard Pulverising Co —Atlas Mills Compound, Reay Road Bombay 10
Stewart's Laboratories — 327 Hornby Road Fort
Textile Supplies Syndicate (India) Ltd —Kermani Building, Sir Phirozshah Mehta Road, Fort
Todi & Co —Importers & Exporters, 41, Hamam Street, Fort Phone 28623 Grams "OFFER"
Waghji Lakhmidas & Co –206, Samuel Street Vadgadi

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Allwyns Ltd —92 94 Ardeshir Dady Street
Auxitex —177 179 Tamington Cross Roads and Calcutta National Bank Buildings Sir Phirozshah Mehta Road Fort
Baghdad Soap Factory —43 Foras Road
Balloon Soap Factory – Nagree Building, 50 Custom House Road, Fort

BOMBAY SOAP FACTORY —Manufacturers of "Bosfa" Soaps & Toilet Requisites, Established 1904, Abdul Rehman Street Phone 21789 Tel Add "BOSFA"

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DIANA SOAP CO —Behind Maratha Plague Hospital, Sussex Road, near Victoria Gardens, Bombay 27 Phone 40709 Grams "DISOCO" Manufacturers of Household, Laundry & Textile Soaps & Chemicals

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Empire Industrial Works –Warden House Sir Phirozshah Mehta Road Fort
Flory Consolidated Co (India) Ltd Advani Chambers Sir Phiroz Shah Mehta Road Fort
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Lachhmandas & Co —21 Chinch Bunder Bombay 9
Lever Brothers (India) Ltd Sewri Bombay
Mehta Soap Works —118 D, Valpakhadi, Mazagaon Road, Bombay 9
Mira Chemical Works —Chinchpokli Cross Lane, Parel
Morgan Miller & Co —219, Frere Road, Bombay
Nagree Ltd —Nagree Building, 50, Custom House Road, Fort Soap Manufacturers
Nurani Soap Factory —Mirza Ali Street, Immamwada Road, Jail Road North, Bombay 9

Patang Brand Soap Factory —380, Shankarset Bungalow, Girgaum Road
Patanwala Ltd —182 84, Abdul Rehman Street
Pearl Products Co , Ltd —9, Kurla-Kirol Industrial Area, New Agra Road, Kurla
Saraf Oil Mills Co , Ltd —325, Kalbadevi Road, Bombay 2
Scientific Soap Works —Hargovind Desai's Wadi, Bhuleshwar
Simplex Chemical Co —103 C Chhaktewadi Tardeo
Tata Oil Mills Co , Ltd —Bombay House, Bruce Street, Fort

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Parekh Bros , Ltd —65 Mahatma Gandhi Road, Fort

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Ama Ltd —Hornby Road Fort Bombay
Chicago Radio & Telephone Co Ltd —127 Mahatma Gandhi Road, Fort
General Radio and Appliances Ltd —16, New Queen s Road, Bombay 4
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Patel (India) Ltd —Kitab Mahal, Hornby Road, Fort, Bombay

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Bashir S M & Bros —Bachooali House Haji Bachooali Road
Bhanushali Brothers Ltd —Bhanushali Chambers, 168, Argyle Road, Bombay 9
Bombay Hing Supply Co —Hansraj Karamsi Building, 66 Musjid Bunder Road
Bombay Trading Co —Dhun Nur, Sir Phirozshah Mehta Road, Fort
Bulchand Co L —Moos Building 510, Kalbadevi Road
Central Trading Co — 81, Cawasji Patel Street Fort
Champaklal Moraji & Co —103, Samuel Street, Vadgadi, Bombay 9
Damji Mavji & Co —177, Khoja Gulli Mandvi Bombay 9
Dinshaw, V N & Co —84, New Bardan Gali, Vadgadi Bombay 3
Dubash Freres & Co —Victoria Building, Parsi Bazar Street, Fort
Ebrahim Manji & Co —49, Pydhownie Road, Khadak Bombay 9
Fruit Farm Products — Byramji Mansions, Sir Phirozshah Mehta Road, Fort
Gandhi Sons Ltd —232 Samuel Street Vadgadi
Gopaljee & Co —218, Samuel Street Vadgadi
Gorakhram Gokalchand (Estd 1891) —Choksi Chambers, Zaveri Bazar Bombay 2

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Gulam Husein M Hasanalli —85/1 Sarang Street Bombay 3
Gulam Rasul Allahbux —1 B, Bachoo Ali House, Nowroji Hill Road No 1, Bombay No 9
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Hemani Bros —Wassiamull Building, Grant Road
Husein Mussa Virjee & Co —Sheriff Hasam Building, Khoja Mohalla, Bombay 9
Jehangir C Masalawalla —C P Tank Bus Stand, Vithalbhai Patel Road
Jehangir J M Poonjiajee —Byramjee Mansion, Sir Phirozshah Mehta Road Fort
Kanji Morarji —285 87, Narsi Natha Street, Bombay 9
Khaney (India) Ltd —Dhanukar Building, New Silk Bazar, Bombay 2
Kikabhai Gulamhusen —210, Samuel Street Vadgadi, Mandvi
Kishinchand & Co (India) —138, Hornby Road, Fort
Lakhmichand Vasanji & Co —229, Samuel Street, Vadgadi
Laljee Godhu & Co —213, Samuel Street, Vadgadi

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M Dialdas & Sons —190, Princess Street
Milkhiram (India) Ltd —Waterloo Mansion, Wodehouse Road, Fort.
Mineral Ores and Industrial Corporation —7 10, Botawala Building, Elphinstone Circle, Bombay 1
Mullick, M A , & Co —91, Mahomedalli Road, P O Box No 3003, Bombay 3
Narandas Kesurdas & Sons —222 24, Vadgadi
Narotamdas Harivallabhdas —80, Khand Bazar, Mandvi
New India Hing Supplying Co —215 217 Samuel Street
Pavri, J K —10 Karim Chambers, Hamam Street Fort
Premji Haridas & Co —Bhanusali Building, 168 Argyle Road, Bombay 9
Ram Agency — 200, Kazi Sayad Street, Bombay 9
Ratanshi Assaria & Co —240 42, Narsi Natha Street, Katha Bazar, Bombay 9
Singham, Bros & Co (India) Ltd —P O Box 894, Bell Building Sir Phirozshah Mehta Road, Fort
S Manubhai & Co —Albert Building 346 Hornby Road, Fort
Somnath Motiram —306 Kharek Bazar Bombay 9
Sudan Trading Co —Dhun Nur Sir Phirozshah Mehta Road, Fort
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Velji Kalidas & Son —90 92, Khand Bazar Mandvi, Bombay 3
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Marine Sports —101, 1st Marine Street, Bombay 2
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Asian Trading Corpn —P O Box 1505 20, Mangesh Street, Bombay 1

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Doric Products —61, Bombay Mutual Building Hornby Road, Fort
Edwin & Kayzer —70 72, Chakla Street, Bombay 3
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Enayatali & Co —262 64, Abdul Rehman Street, Bombay 3

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Gandalal & Co —170 Abdul Rehman Street Bombay 3
General Equipment Merchants, Ltd —People s Building, Sir Phirozshah Mehta Road, Fort
General Stationery Mart —36 Dhanji Street Bombay 3
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Godbole & Co , S K —74, Khetwadi 10th Lane Bombay 4
Gujarat Stationery Mart —198, Abdul Rehman Street, Bombay 3
Gulam Rasul Allahbux —1/B, Bachooali House Nowroji Hill Road No 1, Bombay 9
Gulamhusain M Hasanali —85/1, Sarang Street, Bombay 3
Halderison & Bros —154, Bora Bazar Street, Fort
Haneef, S M , & Co —Bachooali House, Haji Bachooali Road, Bombay 8
Hazex —335/37, Kalbadevi Road, Bombay 2
Himalaya Stationery Mart —Himalaya House, Paltan Road and Hornby Road Junction, Bombay 1
Hira, P H , & Co —18-20, Princess Street
H M Shah & Co —181, Abdul Rehman Street, Bombay 3
Hornby Fountain Pen Depot —204, Hornby Road, Fort

IMPERIAL STATIONERY CO , THE —Alli Chambers, 35, Medows Street, Fort Stationers and Printers

Indian Stationery Service —7, Prospect Chambers, Hornby Road, Fort
Indo-Stationery Mart —Rahimtoola House, Homji Street, Fort
International Agencies (Regd) —28, Apollo Street, Fort, P O Box No 4094, Bombay
International Paper Company —26, People's Building, Sir Phirozshah Mehta Road, Fort
International Stationery Stores —Victoria Building, Parsee Bazar Street, Fort

JAGJIVANDAS NANDLAL & CO —237, Abdul Rehman Street, Bombay.

Jaico Publishing House —28, Rampart Row, Fort
Jawahar & Company —133, Princess Street, Bombay 2
Jawahar & Co —Court House, Carnac Road, Bombay 2
Jivabhoy Latifjee —Podar Chambers, Parsi Bazar Street
Joseph Edgar & Co —Dhun Mahal, Garden Road, Bombay 1
Kale s Sales Association Limited —Mherwan Building, Sir Phirozshah Mehta Road, Fort
Kashyap & Sons, G S —40, Prospect Chambers Annexe, Hornby Road, Fort
Khurya Co , Ltd —Head Office Beaumon Chambers, 27/33, Medows Street, Fort
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Kulkarni Bros —388 94, Sheikh Memon Street, Bombay

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Longmans, Green & Co , Ltd —Vulcan House, 53, Nicol Road, Ballard Estate
L R Trading Co —Navsari Chambers, opp Lloyds Bank, Outram Road, Fort
M M Kaderjee & Co 245, Abdul Rehman Street Bombay 3
Machshi noz & Co —Rahimtoola House, Homji Street, Bombay 1
MacMillan & Co , Ltd —276, Hornby Road
Mahomedally Hebatbhoy & Co —15, Mirza Street, Parsi Gully, Bombay
Mazda Printers —Next to Bharat Tiles Ltd , 32, Apollo Street, Fort
Mazumdar & Co —Opp Krishna Cinema Tribhuvan Road Bombay 4
Minerwa Stationery Mart —32, Apollo Street, opp Allahabad Bank, Fort
Model Art Printery Ltd —4, Nanabhai Lane, off Churchgate Street, Fort

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National Traders —Esplanade Mansion, Mahatma Gandhi Road, Fort
Natwar Trading Co —395, Kalbadevi Road, Bombay 2
Navalakhi & Co , J V —Kalbadevi Road, Bombay 2
New Book Co , Ltd —Kitab Mahal, 188 190, Hornby Road, Fort

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Pioneer Stationery Mart —106 108, Cowasji Patel Street, Fort
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P Vrajlal & Co —240, Abdul Rehman Street, Bombay 3

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Salebhoy, E & Co —19, Mangaldas Road, Princess Street
Sanghani & Co —178 80, Abdul Rehman Street
Saraswathy Stationery Mart —Police Court Lane, Hornby Road, Fort
Sayer & Sanghavi —Kalam Kutir, 211-19, Frere Road, Fort, Bombay

Scientific Duplicators Mfg Co —150, Abdul Rehman Street, Bombay 3
Sheares, H A , & Co —30, Western India House, Sir Phirozshah Mehta Road, Fort
Shreeman & Co —Podar Chambers, 109, Parsi Bazar Street, Fort
Singson, A , & Co —11/13, Elphinstone Circle, Fort
Sivramkrishnan, M —Hazi Manzil, 82 86, Abdul Rehman Street, Bombay 3
S Nagam & Co —418, Kalbadevi Road
Social Stationery Mart —Victoria Building, Parsee Bazar Street, Fort

SORABJI NOWROJI & CO —Horniman Circle, Fort.

Standard Mfg Co —75-76, Laxmi Building, Sir Phirozshah Mehta Road, Fort
Standard Stationery Mart —Rahimtoola House, Homji Street, Fort.
Stela Equipments —327, Nawab Building, Hornby Road, Fort
Stewarts Laboratories —327, Hornby Road, Fort

SUPERIOR STATIONERY MART LTD —117, Medows Street, Fort Phone 24898 Grams "LOVELINES" Stationers, Printers and Paper Merchants

Swastik Traders —282, Pannalal Terraces, Lamington Road, Grant Road
Taher P Thingna —73, Nagdevi Street, Bombay 3
Taraporevala, D B , Sons & Co —210, Hornby Road, Fort
Taraporevala, Phiroze & Kaikhushru, F D B —Kitab Mahal, 188-190, Hornby Road, Fort
Thacker & Co , Ltd —Rampart Row, Fort

"TIMES OF INDIA" —Hornby Road, Fort

Trading Co , L R —Navsari Chambers, opp Lloyds Bank, Fort
Triton Trading Co , Ltd —Menkwa Building 10, Outram Road, Fort
Union Printing Works —Jan Mansion, Sir Phirozshah Mehta Road, Fort
United Commercial Co —48, Mangaldas Building, 1, Princess Street
Universal Stationery Mart —Podar Chambers, Parsi Bazar Street, Fort
Universal Stationery Mart —Graham Building, 109, Parsi Bazar Street, Fort
Universal Trading Corporation, The —Usuf Building, Mahatma Gandhi Road Fort
Usa Photo Stationers —19, Topiwala Mansion, Mahomedally Road, Bombay 3
Venus Stationery Co —Hassan Chambers, Fort
Vithaldas, G , & Co —60, Nagdevi Cross Lane
V Prabha & Co —476, Sandhurst Road, Bombay 4
Young India Stationery Mart —43, Ghoga Street, Fort

STEAM TRAPS

KILBURN & CO , LTD —Asian Building, Ballard Estate, Bombay Phone 31908 Grams "TASCONIUM."

STEAMSHIP COMPANIES

Anchor Line Ltd —Neville House, Graham Road, Ballard Estate
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Killick Nixon & Co —Killick Building, Home Street, Fort
Mackinnon Mackenzie & Co —Ballard Road, Ballard Estate
Malabar Steamship Co , Ltd.—Bombay Mutual Building, 293, Hornby Road, Bombay 1
National Steamship Co —Bombay Mutual Building, 239, Hornby Road, Fort
New Dholera Shipping & Trading Co Ltd —Bombay Mutual Building, 293, Hornby Road, Bombay 1

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THE STAHLUNION COMPANY LIMITED.—India House, 4th Floor, Fort Street, Bombay 1 Telegraphic Address: "MARCASTEEL," Bombay Steel Materials and Products of all kinds Branch Offices: Calcutta, Delhi

STEEL MERCHANTS

Dodsal Limited —31, Murzban Road, Fort, Bombay Representatives of Mannesmann—Export G m b H , Germany

MACHINE TOOLS & IMPLEMENTS —Advani Chambers, Sir Phirozshah Mehta Road, Fort Phone: 22668 Grams: "MATCHTOOLS." Branch: 24, Nagdevi Cross Road, Bombay 3.

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ASHOK STEEL CHAIN MANUFACTURING CO —Office and Works: Plot No. 6, Sewree Cross Road, Bombay 15. Phone: 62961 Grams: "SEWREEIRON."

STEVEDORES AND DUBASHES

Adamally Sons Ltd —277, Nagdevi Street, Bombay 3

ARDESHIR B CURSETJEE & SONS LTD —6, Rampart Row, Fort Phone. 20103 and 28543 Grams "GREYHOUND."

Bomanji Dhunjibhoy —17, Murzban Road, Fort, Bombay

CASSINATH M. B EDULJEE SONS —17-19, Bastion Road, Fort. Phone. 20357

Chokshi, H , & Co —106, Medows Street, Fort
Cowasjee Eduljee s Sons —Elphinstone Circle, Fort
Darashaw B Cursetjee's Sons —Darabshaw House, Ballard Road
Eastern Bunkerers, Ltd —Scindia House, Dougall Road, Ballard Estate
Eastern Bunkerers (Burma) Ltd —Scindia House, Dougall Road, Ballard Estate
Ferns Ships Supply Company —Post Box No 1508, Wakefield House, Ballard Estate, Bombay 1
Hill Son & Knox —Marshall s Building, Ballard Road
Hill, Son & Dinshaw Ltd —Marshall s Bldg , Ballard Road, Bombay 1
Kanji Jadhavji & Co —Masjid Bridge, Mandvi
Manockji & Jamshedji Company —Ahmed Building, Gunpowder Road, Mazagaon Tram Terminus, Bombay 10
Manuel, A , & Co —Haroon House, Bazar Gate Street, Fort

NAROTTAM & PEREIRA, LTD —Scindia House, Dougall Road, Ballard Estate Phone 30087 Grams "JALATHARG"

Patel, D C , & Co —268, Bazar Gate Street, Fort
Purshotamdas Madhavani & Co Ltd —Regd Office Botawalla Building, 8, Horniman Circle, P O Box No 274, Bombay
Royal Express Agency —247, Nagdevi Street, Bombay 3
Ruttonjee Bomanjee & Co —60, Forbes Street

S DALAL & CO —1/5, Thacomal House, Banarjee Street, Fort, Bombay Suppliers of Soaps, Provisions, etc Enquiries invited

Sharp, R , & Sons —Kaiser-i-Hind Building, Ballard Estate
Shiavax C Cambata & Co , Ltd —Cambata Building, 101, Queen's Road, Back Bay Reclamation
Sorabji Pestonji & Co —105, Apollo Street, Fort
Tookaram Hariba & Sons, R H – Sadguru Sadan, 15, Babulnath Road, Bombay 7
United India Marine & Trading Co —Nagindas Chambers, Frere Road, Bombay

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NOWROJI N VAKIL & CO —Shahru Castle, Mahomedalli Road, Bombay No 3 Head Office & Factory at Naroda Road, Ahmedabad Manufacturers of Stoneware, Drainage Pipes and Fittings, Fire Bricks & Clay & Crockery. Tel. No 22803.

Salemahomed Padamsee & Co —141, Chakla Street, Bombay 3
United Potteries & Glassware Mart —Noble Chambers, Parsi Bazar Street, Fort
Victoria Sanitary Stores —54, 3rd Bhoiwada, Bhuleshwar, Bombay 2

STRAW-BOARDS

Abdullabhai Fidally & Co —24, Sutar Chawl, Bombay 2
Advani, J B , & Co Ltd —Advani Chambers, Sir Phirozshah Mehta Road, Fort
Ambalal Dharamchand & Co —1, Esaji Street, Vadgadi, Bombay 3
Ashok Brothers Ltd —Mubarak Manzil, 104, Apollo Street, Fort
Bansi Dhar Kapoor & Sons —73-75, Mirza Street, 3rd Floor, Bombay 3
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Blascheck, H , & Co —Dadyseth House, opp Hongkong Bank, Fort.
Bombay Paper Marketing Co —Podar Chambers, Parsi Bazar Street, Fort
Chemautex —11, Bank Street, Fort
Hardcastle, Waud & Co , Ltd —Alice Building, Hornby Road, Fort
Hitchman, George F —Waterloo Mansions, opp Museum, Mahatma Gandhi Road, Bombay
India Paper Corporation —64, Sutar Chawl, Bombay 2.
International Paper Co —26, People's Bldg , Sir Phirozshah Mehta Road, Fort
Javeri Traders —P O Box No 1977, 34, Cawasji Patel Street, Fort.
Jayantilal J Gandhi & Co —45, Mint Road, near G. P. O , Fort.
Kanthawala, N , & Co —77, Medows Street, Fort
Kikabhoy Chandabhoy.—33-35, Mangaldas Road, Bombay 2.

Mansukhlal Sukhlal & Co —Ghoga Street, Fort
Mahomedally Hebatbhoy & Co —15, Mirza Street, Bombay 3
Nayana (India) —Agakhan Building, Dalal Street, Fort
Patel, B K, & Co —106, Medows Street, Fort
Prabhat Trading Company.—Vithal Sayana Building No 2, Lohar Chawl, Bombay 2
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Sales Corporation —11, Tamarind Lane, Fort
Shantilal Shah & Co —Bombay Mutual Annexe, 17, Gunbow Street, Fort
Sivramakrishnan, M —Hazi Manzil, 82-86, Abdul Rehman Street, Bombay 3
United Import Co, The —67-69, Mahomedalli Road
Universal Import & Export Agency —52, Shri Krishna Nivas, New Silk Bazar, Kalbadevi Road, Bombay 2
Universal Trading Corporation, The —43, Mahatma Gandhi Road, Fort
Yeshanand & Co —Grahams Building, Parsi Bazar Street, Fort

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Patel India Ltd —190, Hornby Road, Fort
WESTREX COMPANY, INDIA (FORMERLY WESTERN ELECTRIC COMPANY OF INDIA) —Metro House, Mahatma Gandhi Road, P O Box 1232, Bombay 1 Phones: 33439 & 34027 Grams. "WESTELIND"

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Abdul Latif Haji Tayeb Khandwala —116, Chakla Street
Adam Haji Peermahomed Essack —Ahmed Devji Building, Mahomedally Road
Bhiwandiwalla, A H, & Co —93/95, Kazi Syed Street, Khand Bazar
Hindustan Sugar Mills, Ltd —Jehangir Wadia Building, 51, Mahatma Gandhi Road, Fort
Jagdeoshanker Sharma —Hamat Building, New Parbhadevi Road
Kikabhai Gulamhusen —210, Samuel Street, Vadgadi
Kilachand Devchand & Co, Ltd —45-47, Apollo Street, Fort
Kooverji Becharlal —350-354, Narshi Natha Street, Bombay 9
Louis Dreyfus & Co —Nicol Road, Ballard Estate
Pairasingh Balkishan —79, Khand Bazar, Bombay 3
Parekh & Co —York Building, Hornby Road, Fort
Parsram Parumal & Co —104-114, Frere Road, Bombay 9
Patel Bros —531, Cheera Bazar
Pavri Sons & Co —93 97, Bazar Gate Street, Fort
Sankalchand G Shah & Co —93, Kazi Syed Street, Khand Bazar
Sobhachand Ramnarayan Khatod —Gresham Building, Mahatma Gandhi Road, Fort
Sugar Merchants' Association —200, Kazi Syed Street, Bombay 3
Sugar Shippers & Buyers' Association —General Assurance Co. Building, Hornby Road, Fort
Vasantlal Vadilal & Co —215-17, Samuel Street, Vadgadi
Western Manufacturing Co —Hassan Chambers, Parsee Bazar Street, Fort
Yuvak Stores, Shri —339-A, New Hanuman Lane, Kalbadevi Road

SUGAR MILL MACHINERY & OTHER REQUIREMENTS SUPPLIERS

ABDEALLY, B. M. & CO.—127, Sarang Street, Bombay 3. Phone: 31790.

Asian Textile Engineering Corporation —Kermani Building, Sir Phirozshah Mehta Road, Fort
Biddle Sawyer & Co (India) Ltd —25, Dalal Street, Fort
C Patel & Co —70, Podar Chambers, Fort
Champion Trades Corporation —9 13, Dalal Street, Fort
Craftsman Electronic Corporation Ltd —Navsari Bldg, 240, Hornby Road, Fort and Sethna Hall, Nesbit Road, Mazagaon Bombay 10
EXCELLENT ENGINEERING CO —11, Botawala Bldg, Elphinstone Circle, Fort Grams: "HARIKRIPPA" Phone 28601 Importers, Exporters, Commission Agents and Manufacturers' Representatives
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NATIONAL HARDWARE & STORES SUPPLY CO —Post Box 3146, Bombay 3 Phone 33462. Grams "REQUISITES"
P Ratilal & Co —43, Dhanji Street, Bombay 3
RAJ-DER-KAR & CO —Commissariat Building, Hornby Road, Fort For Research Industries Phone 27304
Rustomji Nowroji Bapasola (Estd 1909) —62, Forbes Street, Fort
Todi & Co —41, Hamam Street, Fort
Vasi Shums & Co, Ltd —165 67, Nagdevi Street, Bombay 3
Western India Engineering Co —Signal Hill Avenue, Sewree, Bombay 15
Western Manufacturing Co —Hassan Chambers, Parsi Bazar Street, P O Box No 1230, Fort

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Brady, W H, & Co Ltd —Royal Assurance Building, Churchgate Street, Fort
Craftsman Electronic Corporation Ltd —Navsari Bldg, 240, Hornby Road, Fort and Sethna Hall, Nesbit Road, Mazagaon, Bombay 10 Suppliers of Instruments for
GODAVARI SUGAR MILLS, LTD, THE —Fazalbhoy Building, Mahatma Gandhi Road, Fort, Bombay Phone 31921
Hindustan Sugar Mills Ltd —51, Mahatma Gandhi Road, Fort
Sepulchre Brothers (India) Ltd —Taj Building, 210, Hornby Road

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Allabux, M, & Co —Cawasji Patel Street, Fort
Bhukhavala & Sons —Medows House, Medows Street, Fort
Blaschech, H, & Co —Opp Hongkong Bank, Fort
Cawnpore Mills Depot —Churchgate Street, Fort
Central Trading Co —91, Cawasji Patel Street
Chavannes & Co, Ltd —Mercantile Chambers, Graham Road, Ballard Estate
Chimanlal Desai & Co —Gool Mansion, Homji Street, Fort
Chunilal Prabhudas & Co —Mulchand Mansion, Princess Street
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Dawood Haji Nasser & Co —Maneckla Chambers, 1st Marine Street, Dhobi Talao
Devidas Nandlal & Co —241, Abdul Rehman Street, Bombay 3
Getz Bros & Co —Western India House, Sir Phirozshah Mehta Road, Fort
Haji Moosa Ismail & Sons —211 217, Nagdevi Street
Hardcastle, Waud & Co, Ltd —Alice Building, Hornby Road, Fort
Holmes & Co, Ltd —Alice Buildings, Hornby Road, Fort
Jehangir J M Poonjiajee —Byramjee Mansion, Sir Phirozshah Mehta Road, Fort
Karimbhai Mohamedally Dohadwala —Corner of Sutar Chawl & Abdul Rehman Street, Bombay 2
Kishinchand Chellaram —Guzder House, Dhobi Talao, Bombay 2
Kothari & Sons —20, Noble Chambers, Parsi Bazar Street, Fort
L S Awatram & Sons —Moti Mahal, 43, Dhanji Street
Matani Bros —84, Mahomedali Road, Bombay 3
Mulraj G Dungarsey & Co, Ltd —21, Forbes Street, Fort
National Hardware & Stores Supply Co —30, Khokha Bazar, Sarang Street
Shivji, K S, & Co —144-46, Sheriff Devji Canji Street, Bombay 3
Teckchand Choitram —204, Cutlery Bazar
United Commercial Co —48, Mangaldas Building, Princess Street
Utoomal & Assudamal Co —Bombay Mutual Annexe, Gunbow Street, Fort
Yacoob Ahmed Brothers —Topiwalla Mansion, Mahomedalli Road

SURGICAL INSTRUMENT DEALERS AND REPAIRERS

Adair Dutt & Co, Ltd —Calcutta National Bank Building, Sir Phirozshah Mehta Road, Fort
All India Surgical Co —Vallabh Terrace, opp Dena Bank, 505, Sandhurst Road Tram Terminus, Bombay 4
Allen & Hanburys Ltd (Incorporated in England) —Commissariat Bldg, Hornby Road, Fort
Alliance Medical Co —Dwarkadas Building, 457, Sandhurst Road, Bombay 4.

Asha Scientific Company —503, Girgaum Road, Bombay 2
Asian Drug Corporation —Podar Chambers, Parsi Bazar Street, Fort

BHATIA SURGICAL WORKS —199-A, Khetwadi Main Road, Bombay 4 Phone: 41638 Manufacturers of Surgical Instruments

Bombay Calcutta Surgical Co —Devkaran Mansion, Princess Street, Bombay 2
Bombay Surgical Co —New Charni Road, Bombay No 4
B Parekh & Co —Anand Bhuvan, 1st Floor, Princess Street, Bombay 2
Chapman K, & Co —Opp Marwadi Vidyalaya, 462, Sandhurst Road
Craftsman Electronic Corporation Ltd —Navsari Bldg 240, Hornby Road Fort and Sethna Hill Nesbit Road Mazagaon Bombay 10
Croydon Chemical Works Ltd — 2 Poona Street Frere Road
Dawawala Brothers 102 Girgaum Road Bombay

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Gindhar Javer & Co —Devkaran Mansion, Princess Street

GORDHANDAS DESAI & CO —Kermani Building, 305, Hornby Road Grams "MICROSCOPY" Phone 24808 Stockists of Surgical, Laboratory, Hospital and Scientific Instruments

Government Medical Stores —Bellasis Road, Byculla

IMPERIAL SURGICAL CO —361 Hornby Road, opp Oriental Life Assurance Building, Fort Leading manufacturers of Aseptic Hospital Furniture and Splints Importers of Surgical Instruments, Hospital Sundries, Catguts and Ligatures, Dental Instruments, Electro-Medical Equipment, Microscopes, Glassware, Enamelware and Rubber Goods, and Laboratory Furnishers Grams "IMPSURGCO" Phone 34868 Branches at Hazratgunj, Lucknow and Patna

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Jadavjee Govardhandas & Co —58 60 Princess Street Bombay 2
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Jagtiani I T —National House 6, Tulloch Road Apollo Bunder, Bombay 1
Jitendraray & Co —37 185 Princess Street
Kapadia Brothers —Kalan Building No 3, Kandewadi, Bombay 4
Lewis I & Co —399, Vithalbhai Patel Road Bombay 4 Phone 42709
Mahomed Husain & Bros —106, Kansara Chawl, Kalbadevi, Bombay 2
Malgham Bros —26, Old Custom House Road, Fort
Martin & Harris Ltd —Savoy Chambers, Wallace Street, Fort
Modern Traders — Dwarkadas Mansion (Entrance Benham Hall Lane) 457, Sandhurst Road, Bombay 4
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National Scientific Instruments Co —257, Frere Road, Fort, Bombay 1

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Phillips & Co —Waterloo Mansion, Mayo Road, Chemists and Opticians
Powells, Ltd —431, Lamington Road Bombay
Prabhudas & Co —255 3/C, Mangaldas Building, Mangaldas Road, Bombay 2

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Scientific & Industrial Supplies Corporation —Princess Street, Bombay 2
Scientific Instrument Co, Ltd, The —Navsari Building, 240, Hornby Road

SHAH, M, & CO —Kanji Mansion, Sandhurst Road, Bombay 4

Thomson & Taylor —119, Mahatma Gandhi Road
Unity Stores —Near Portuguese Church, 92-94, Girgaum Road, Bombay 4
Universal Supply and Trading Co —Ismail Building, 381, Hornby Road, Fort
Unique Trading Corporation —51 53, New Hanuman Lane, Princess Street, Bombay 2
Valab & Co, M —Podar Chambers, Parsee Bazar Street, Fort
Visso Trading Co —462, Sandhurst Road
Western Manufacturing Co —Hassan Chambers, Parsi Bazar Street, Fort
Whitten, F C, & Co —Commissariat Building, 227, Hornby Road, Fort
Yacoob Ahmed Brothers —Topiwalla Mansion, Mahomedalli Road
Zill & Co —Princess Street, Bombay 2

SURVEYING INSTRUMENTS

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Craftsman Electronic Corporation Ltd —Navsari Bldg, 240, Hornby Road Fort and Sethna Hill Nesbit Road Mazagaon Bombay 10

HECO (INDIA) —1, Home Street, Fort Phone 27225 (2 Lines) Grams "HECOINDIA"

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NORTON & GREGORY LTD (London) —Office of the Rep, India and Pakistan, "Commerce House," Currimbhoy Road, Ballard Estate, Bombay

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Army & Navy Stores Ltd —Mahatma Gandhi Road
Beauforts Ltd —35, Churchgate Street, Fort
Bhatt, T R, Co —G S Mhaskar Ltd, Lady Jamshedji Road, Dadar, Bombay 14
Bhawoo Kassinath & Co —63, Bhandari Street, near Null Bazar
Bombay Uniform Clothing Co, The —15, Borbhat Lane, Girgaum
Cawnpore Mills Depot —Churchgate House, Churchgate Street, Fort
Charagh Din & Bros —Hyder Building, 64, Wodehouse Road
Charagh Din & Son —Linden House, Apollo Bunder
Chellaram, D — Dhan Nur", Sir Phirozshah Mehta Road, Fort
Coverjee & Co —Nagin Mahal, Churchgate Reclamation, Fort
Dean & Sons —Kulsum Terrace, opp Cusrow Baug, Colaba
Dias, A R, & Bros —105, Mahatma Gandhi Road, Fort
Dias & Bros, J —173, Princess Street
Dias & Co, A S —Commissariat Building, Hornby Road, Fort
Emdas —105, Mahatma Gandhi Road, Fort
Evans, Fraser & Co —Hornby Road
Excelsior Drapers, Ltd —Neptune Building, 170, Hornby Road, Fort
Issa Bros —Lakshmi Building, Sir Phirozshah Mehta Road

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Longi, N H, & Bros —Opp Cyrus Restaurant, 20, Colaba Causeway
Longi, I D, & Co —Waterloo Mansions, Mahatma Gandhi Road, Fort
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Robson & Co (Geo T) —141, Mahatma Gandhi Road, Fort
Shewakram & Sons —Tailors & Outfitters, 315-317, Prospect Chambers, Hornby Road, Fort

S V Rao & Sons —Parel, Bombay 12
Tropical Tailors —Waterloo Mansion, Wodehouse Road
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Wassiamull Assomull & Co —3 A, Churchgate, Fort

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Manroe Corporation —Beaumon Chambers, Medows Street, Fort
Pateltz India —Post Bag 1915 Bombay
Seth, S C & Co, Ltd —Raja Bahadur Mansion, 14, Hamam Street, Fort
Todi & Co —41, Hamam Street, Fort

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Garlick & Co —Haines Road Jacob Circle
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Reliance Trading Co —25 47, Lohar Street, Bombay 2
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Bashir, S M, & Bros —Bachooali House, Haji Bachooali Road
Belting & Leather Products Association (Division of Graton & Knight Co) —8, Motlibai Street Jacob Circle
Craftsman Electronic Corporation Ltd —Navsari Bldg, 240, Hornby Road Fort and Sethna Hall Nesbit Road Mazagaon, Bombay 10 Suppliers of Instruments and Chemicals for
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Haneef S M, & Co —Bachooali House, Haji Bachooali Road, Bombay 8
Lewis & Tylor Ltd —Sorab House 237, Hornby Road
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Craftsman Electronic Corporation Ltd —Navsari Bldg 240, Hornby Road, Fort and Sethna Hall, Nesbit Road, Mazagaon Bombay 10
EDGAR HANDLEY & CO, LTD —135, Medows Street, Fort, Bombay Phones 22934 and 26884 Grams "TROJAN"
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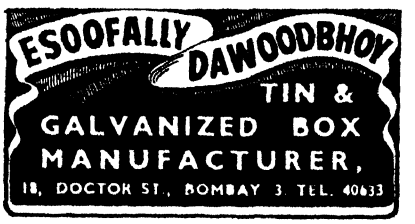

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Haneef, S M, & Co —Bachooali House, Haji Bachooali Road, Bombay 9
Hindustan Vanaspati Manufacturing Co, Ltd —Office Scindia House, Ballard Estate Factory at Sewri
Palanpur Vegetable Products Ltd —Ewart House, Bruce Street, Fort
Western India Vegetable Products Ltd —5, Ghoga Street, Fort

VENTILATION

INDUSTRIAL AIR CONTROL (INDIA) LTD —Karimjee House, 2nd Floor, 59, Sir Phirozshah Mehta Road, Fort, Bombay Phone: 34369 Grams "COOLAIR" Concessionaires for Westinghouse Sturtevant Division, New York, all Air handling Equipments

VIBRATORY MACHINES AND EQUIPMENT

Pioneer Industries —21, Forbes Street, Fort, Bombay 1

VISUAL EDUCATION

EDUCATIONAL FILMS OF INDIA —190, Hornby Road, Fort Producers, Importers, Distributors and Exhibitors of Educational Films

Film Club National House, Tulloch Road Apollo Bunder, Bombay
National Education & Information Films, Ltd —National House, Tulloch Road, Apollo Bunder Grams Edufilms
Phil Educational Co —79, Ghoga Street, P B 1450, Fort, Bombay

WASHING AND DYEING COMPANIES

Bharat Laundry (Estd 1934) —Gulam Mahomed Building, Nowroji Hill Road No 7, Bombay 9
Comet Cleaners —Park House, 81, Wodehouse Road, Colaba
Diamond Jubilee Washing Company —Hamam Street, Fort
Ebrahim Alibhai Bros —15, Sutar Chawl, Bombay 2

GARMENT CLEANING WORKS —36, Gowalia Tank Road, Bombay 26 Phone Nos Office 74187 and Works. 74110 The largest Power Laundry in India Laundry Contractors—all leading Shipping Companies, Railways and Hotels Cleaners, Dyers and same day Dry Cleaning Service Branches throughout the City

Royal Laundry Co —25 Hamam Street Fort
Vacuum Dry Cleaning Co —Elysium Mansion, Colaba Causeway
Vasudev Dyeing Works —318, Dr Cowasji Hormusji Street, opp Sonapur Church, near Marine Lines Railway Station, Bombay 2

WASTE PAPER

P Carlton & Co —Calcutta National Bank Building, 26-A, Sir Phirozshah Mehta Road, Fort
V K Stevens & Co —12th Lane, Khetwadi, Bombay 4

WATCH AND CLOCK IMPORTERS AND DEALERS

Abrecht, Ch Omega —Cyma Watch Depot, 269, Hornby Road, Fort
Air India Watch Co —Opp Bhangwadi, 445/51, Kalbadevi Road, Bombay 2 Dealers in Wall Clocks, Wrist Watches
Alpha Watch Co —Ranade Road, Dadar, Bombay 14
Asian Trading Corporation —P O Box 1505, 20, Mangesh Street, Bombay 1
Atherton, G, & Co (Eastern), Ltd —28, Apollo Street, Fort
Bashir & Bros, S M —Bachooali House, Haji Bachooali Road.
Bhagat & Company, L —Abdul Rehman Street, Bombay 3

Blackwoods India Ltd —Podar Chambers, Parsi Bazar Street, Fort

Bullion Watch Co —215 17, Kalbadevi Road

Central Watch & Gramophone Co —Opp Western Rly Dadar Station, Tulsi Pipe Road, Dadar, Bombay 14

Checker Brothers —Coronation Building, Gunbow Street, Fort

COLUMBIA WATCH CO —26, Prospect Chambers Annexe, P Box No 780, Fort, Bombay Phone 27674 and 30364 Grams "COLWATCH" House for Columbia Watches Importers and Wholesalers of Watches, Clocks, Time Pieces and *Accessories*

Crown Watch Co —Nanavati Building, 16/18, Abdul Rehman Street, Bombay 3, near Pydhownie

Diamond Electric Co —18, Hummum Street, Fort

Dinesh Watch Company —Vithal Sayana Building No 2, Lohar Chawl, Bombay 2

D P Pundole & Co —44, Nagdevi Street, Bombay 3

D R PUNDOLE & SONS —369-371, Hornby Road, Fort, Bombay Sole Manufacturers of "Beaumont" Watches and Clocks

EASTERN WATCH —231-3, Hornby Road, Fort Clocks and Watches, Electric Clocks Specialists P O Box 263 Phone 24962

EXCELSIOR WATCH CO LTD —64/64-A, Abdul Rehman Street, P O Box No 3001, Bombay 3 Grams "EXCELWATCH" Dealers in Watches, Clocks, Timepieces, Watch Materials, Tools, etc Sole Agents in India, Pakistan, Burma and Ceylon for ASSOCIATED WATCH CO 's Precision Watches and Gamma S A for Gamma Gramophone and Pick-up Needles Phone No 34085

EXPRESS WATCH COMPANY —78, Abdul Rehman Street, Bombay 3 Importers, Wholesalers and Retailers of Watches, Clocks and Timepieces Telegrams "PRIMEWATCH" Phone 26438

FAVRE LEUBA & CO , LTD —Hornby Road, Fort, Bombay— Calcutta , Tel Address "FAVRE LEUBA" Phones Bombay 32558 and 21415 Calcutta 3860 , Merchants, Manufacturers, Importers and Distributors, Repairers, Indentors and Commission Agents , Watches and Clocks, Stop-Watches, Watchmen's Clocks and Instruments and allied goods , Representing Zenith—Patek, Phillippe— Vacheron and Constantin Jaeger—LeCoultre—I W C , (International Watch Co)—Eterna—Bovet—Sandow—John Barrel—Jaz (Alarm and Clocks), Favag (Electric Clock Sets)

Franconia Watch Co , Ltd —Tata Road No 1, Swadeshi Mills Estate Bombay 4

Franklin J D Souza & Sons —26F, Gunbow Street, Fort

Ganesh Watch Co —Mayor Building, Tulsi Pipe Road, opp Western Rly Station, Dadar

General Business Corporation —Soorya Mahal, Medows Street, Fort

GENEVA WATCH CO —97, Abdul Rehman Street, Bombay 3

Gulam Rasul Allahbux —1/B, Bachooali House, Nowroji Hill Road No 1, Bombay 9

H. S CHHATWAL —11, Tamarind Lane, Fort, Bombay Phone 27674 Grams "COLWATCH" Representative: BADER AND HAFNER Switzerland One of the largest Swiss Manufacturers of Rsokopf Watches Representative Messrs LIENGME & CO , Switzerland an up-to-date Manufacturers of Lever Watches, Representative ELOGA LTD , Switzerland Manufacturers of Gents' Calendar Watches with moon face and Ladies' Calendar Watches and other Novelties in the Watch line Representative VIBROGRAPH, the Novel Swiss Watch Testing Machine

JAMSHEDJI NOWROJI & CO —90, Abdul Rehman Street, Bombay 3 Phone 33082 Grams. "TIMEHOUSE" Sole Agents for Elma Electrical German Watch Cleaning Machine and Samos hand operated non-electrical Watch Clearing Machines "HOGA" Watch Factory, Switzerland

Jawahir Watch Co —Opp Western Rly Station, D'Silva Road, Dadar, Bombay 14

Jayco Watch Co —Opp Crawford Market, Oomrigar Building, Bombay 3

Jhaveri Bros & Co —Medows Street, Fort

Jhaveri Watch Co —62, Abdul Rehman Street, Bombay 3

J Manikraj & Sons (Estd 1891) —Empire Building, 138, Hornby Road, Fort

Kerala Watch Co —King Edward Road, Parel, Bombay 12

KOTHARI WATCH CO —199A, Princess Street Manufacturers' Representatives & Wholesale Dealers in Watches and Clocks and Watch Materials

Lalit Jewellery Mart —435, Lamington Road near Opera House

Leon Watch Co —20, Abdul Rehman Street

LOKAMANYA WATCH CO —26 C, Gunbow Street, Fort Importers of Lowaco & Kisan Watches

Lund & Blockley —Sassoon Institute Building, 150 154 Mahatma Gandhi Road, Fort

Madon & Co —78A, Abdul Rehman Street

MAGANBHAI & LALLUBHAI —184-186, Sheikh Memon Street, Bombay 2 Importers, Exporters, also Importers & Exporters of Real and Cultured Pearls, Platinum, Precious Stones, Watches, Synthetic Rough and Cut Phone No 23785 Grams "MOTIBUTTON"

Meridian Watch Co —269, Hornby Road, Fort

Nazar Watch Co —320, Abdul Rehman Street, Bombay 3

Novelties, The —Hughes Road

Oriental Watch & Gramophone Co , The —Opp Western Rly Station Dadar, Bombay 14

Packard Watch Co —52 54 Nakhoda Street, near Pydhownie

Parekh Watch Service —37 77, Sandhurst Road, Bombay

PEOPLES WATCH CO LTD —Opp Crawford Market, Oomrigar Building, Abdul Rehman Street, Bombay 3 Direct Importers of Watches, Clocks and Alarm Clocks, Spare Parts and Straps Branch Rathikatra, Nai Sadak, Delhi Delhi Grams "SUNDIAL"

PHOENIX WATCH CO (Estd 1930) —Showroom 169, Hornby Road Office : 166, Hornby Road, Fort, Bombay Phone 30433 Grams "NEWTEX" Direct Importers of Watches, Clocks, Alarm Clocks, Spare Parts and Straps Branch Office 129, Radha Bazar Street, Calcutta Grams "RURAL" Calcutta

Pioneer Watch Co —89 Abdul Rehman Street Bombay 3

Popular Watch Co —Near Western Rly Station Ranade Road Dadar, Bombay 14

Prabhat Watch Co —Prarthana Samaj Corner Bombay 4

Precious Watch — 233, Hornby Road, next to Kemp & Co , Fort

Pundole Watch Co —Opp Lloyds Bank, 263, Hornby Road, Fort Dealers in Watches, Clocks, Timepieces and Jewellery

Record Watch Company —167, Hornby Road Fort, Bombay

Rogers Watch Co —Prospect Chambers Hornby Road Fort Bombay

Rolex Watch Company (Eastern) Ltd —123, Mahatma Gandhi Road Fort

SANGHVI WATCH CO —Khandelwal Bhavan, 170, Hornby Road, Fort, Bombay 1 Phone 32738 Grams "DICTATOR" Direct Importers, Wholesalers and Retailers in Watches, Clocks and Timepieces

Saxonia Watch Co —Kermani Building Sir Phirozshah Mehta Road Fort

Shakti Watch Co 48 Abdul Rehman Street Bombay 3

Sofer, N D —62, Medows Street, Fort

Spencer Watch Co —Mehta Building, Medows Street, Fort

SWISS INDIA WATCH CO —(Props G Bhagat & Sons), 467, Kalbadevi Road, Bombay 2 Phone 23732 Grams "WATCHDEPOT" Direct Importers & Wholesale Dealers in Watches, Clocks & Timepieces

Trinity Watch Co —46A, Abdul Rehman Street, Bombay 3

Unita Watch Co —37, Yusuff Building, Mahatma Gandhi Road Fort

Victor Watch Co —37-41, Abdul Rehman Street

WEST END WATCH CO —49, Mahatma Gandhi Road, Fort, Bombay and 16, Old Court House Street, Calcutta Watch and Clock Makers, Jewellers and Silversmiths Tel Address "HOROLOGY," Bombay, Calcutta Phone No 23163 (Bombay) P O Box 504, Bombay Phone No (City 3121) (Calcutta) P O Box 27, Calcutta

WATCH & CLOCK-SPRINGS AND SPARE PARTS

Morgan Milton Ltd —Wavell House, Graham Road, Ballard Estate Bombay 1 Phone 22333

WATER METERS

GAYTEE & COMPANY —Janmabhoomi Chambers, Fort, Street, Fort, Bombay Grams "IMPENG" Phone 32449

WATERPROOF PAPER MANUFACTURERS

United Waterproof Products Mfg. Co.—48-49 Western India House, Sir Phirozshah Mehta Road Fort Bombay 1

THE PACKING MATERIALS CORPORATION

Manufacturers of

All sorts of Waterproof Papers, Tarpaulins, Road-Joints, Roofing Felts, Aluminium Lined Paper, Etc

Address

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Grams "SUNLIGHT" Phone { Office 32532 Works 60024

WATERPROOF PAPER MANUFACTURING CO., LTD.—Alice Building, 339, Dr Dadabhai Naoroji Road, Fort, Bombay 1 Phone 27017 Factory Anjirwadi, Mazagon, Bombay 10 Manufacturers of all kinds of Waterproof Packing Paper in Rolls for Packing Textile Goods, Machinery, etc

WATERPROOFING PRODUCTS MFRS & DEALERS

Dwarkadas Velji Lalpatiwalla—36 Issaji Street Bombay 3

East India Trading Corporation—418 Sandhurst Road Bombay

Kilburn & Co Ltd—Aslan Building, Nicol Road Ballard Estate Fort

R. D. Sharma & Co.—14 Moreshwar Building, Napoo Road Matunga Bombay 19

WEIGHING MACHINE MANUFACTURERS, DEALERS AND REPAIRERS

Arkay Traders—Rehman Building 1st Floor, 24 Vir Nariman Street Fort Bombay

AVERY CO. LTD., THE—16, Dougall Road, Ballard Estate Phone 23974 Grams "WEIGHING"

Eastern Scales Ltd.—Yusuf Building Vir Nariman Street Fort

Ebrahim Mulla Abdultayeb—69 Sarang Street, Bombay 3

Electro Technics & Engineering Co.—P. O. Box 1356 Fort

FIDAALLY GULAMALI—163, Janjikar Street, Bombay 3 Phone 24533

Herben Limited—6 Prospect Chambers Hornby Road Fort

Herman & Mohatta B. R., Ltd.—Peoples Building Sir Phirozshah Mehta Road, Fort

MASTER, A. M. & CO.—179-81, Janjikar Street, Bombay 3 Phone 23309 Manufacturers and Dealers of all kinds of Scales and Weights

Mayfair Scale Co.—Topiwalla Mansion, Mahomedally Road, Bombay 3

National Scientific Instruments Co.—257, Frere Road, Fort Bombay 1

VAID, D. L.—Manufacturer and Dealer in Scales and Weights 202, Cutlery Bazar, Bombay 3

WELDERS (ELECTRIC AND GAS)

Autogenous Welding & Repair Co., Ltd.—63, Fergusson Road, opp. Dawn Mills Lower Parel, Bombay 13

BATLIBOI & CO.—Engineers & Machinery Importers, Head Office Forbes Street, Fort, Bombay 1 Tel. Address "BATLIBOICO" Branches Batliboi House, Nagdevi Cross Lane, Bombay 3, 3-153, Broadway, Madras, P-34, Mission Row Extension, Calcutta, 55-5, Japan Buildings, New Chowri, Delhi, 12-5D, Variety Hall Road, Coimbatore, Reid Road, Ahmedabad 26-59, Burhana Road, Kanpur

Curtis & Co., Ltd., J.—36-40, Mahalaxmi Bridge Arcade Bombay 11

Garlick & Co.—Haines Road, Jacob Circle

GREAT WESTERN ENGINEERING WORKS—Sea View, 1st Pasta Lane, Colaba, Bombay 5 Phone 36016 Grams "GREWENWORK" Structural & Mechanical Engineers & Contractors

Jayemes Engineering Co.—Warden House, Sir Phirozshah Mehta Road Fort

Jithendrarai & Bros.—Devkaran Mansion, 5, Mangaldas Road, Bombay 2

Mazagon Mechanical Marine & Welding Works—Dockyard Road, Mazagon Bombay 10

New Standard Engineering Co., Ltd.—222, Bellasis Road, Byculla, Bombay 8

Royal Express Agency—217 Nagdevi Street, Bombay 3

Steel Industrial Corporation of Bombay—39-2, Carpenter Street Khetwadi Main Road Bombay 4

United India Marine & Trading Co.—Nagindas Chambers, Frere Road Bombay

WESTERN INDIA ENGINEERING CO., THE—Signal Hill Avenue, Sewri, Bombay 15 Structural Engineers and Contractors, Electrical and Gas Welders, Machinery Manufacturers, Tank Manufacturers and Sugar and Oil Mill Machinery Specialists

WELDING MATERIALS DEALERS

WHARTON, H. W. & CO., LTD.—Alice Buildings, 339, Dr Dadabhai Naoroji Road, Fort, Bombay 1 Phone 27017 Importers of Oils, Paints, Welding Rods, etc

WELDING SPECIALISTS

Aluminium Welding Works—16 Mody Chambers Corner of Sandhurst Bridge Bombay 4

Bijlani Shah & Co.—50 Nesbit Road Bombay 10

Bishan Sahai Om Parkash—81 Forbes Street, Kirte Building, Fort

Electro Engineering Co.—Sea View 1st Pasta Lane Colaba

Electro Technics & Engineering Co. P. O. Box No. 1356, Fort Bombay

GREAT WESTERN ENGINEERING WORKS—Sea View, 1st Pasta Lane, Colaba, Bombay 5 Phone 36016 Grams "GREWENWORK" Structural & Mechanical Engineers & Contractors

Mehta Nanavati & Co.—Barbhai Moholla, 96, Narayan Dhuru Street, Bombay 3

Parekh, B. & Co.—Anand Bhuvan, 1st Floor Princess Street, Bombay 2

Rocks Engineering and Welding Works—Shivlal Motilal Mansion Compound opp. Bombay Central Station, Bombay 8

Steel Industries of Hindustan Ltd.—Magazine Street Darukhana Bombay 10

Thos. W. Ward (India) Ltd.—Marshall Building, Ballard Road, Ballard Estate, Fort

Vasant Industrial and Engineering Works—Vasant Vijay, 170-71 Worli Road Bombay 18

Viswabharati Trading Co.—60 Modi Street, Fort

WINE AND SPIRIT MERCHANTS

Abrahamoff, S.—P. O. Box No. 529, Rehmat Manzil, Vir Nariman Street, Bombay 1

Army & Navy Stores Ltd.—Mahatma Gandhi Road

Baria, D. P., & Sons—Near Police Station, Byculla

Baria, M. P.—10-12, Pydhonie, Bombay 3

Bhiwandiwalla, H. M. D. H., & Co.—583 Chira Bazar, Bombay 2

Brandon & Co., Ltd.—Elphinstone Building, Vir Nariman Street, Fort

Cutler, Palmer & Co.—4, Rampart Row, Fort

Dangoor, H. E., & Co.—Commissariat Building, Hornby Road, Fort

Great Western Stores—Standard Building, Hornby Road, Fort

Herbertsons, Ltd.—11-13 Elphinstone Circle Fort

Maneckjee Jamshedjee—307, Frere Road, Fort

Maneckji Pestonji Baria—10-12, Pydhownie

Miranda, S. S.—Rose Cottage Lane, Mount Road Mazagaon

Mohan Brothers—39-40, Sind Mercantile Syndicate, 315-G, Charni Road, Bombay 4

Motandas, T., & Co.—Wine & Provision Merchants, 1st Marine Street, near Metro, Bombay

Motiram, L., & Son—Sitaram Building Hornby Road, Fort

National Stores—Sitaram Building, Hornby Road

NOWROJEE ARDASEER & SONS—24-26, Dalal Street, Fort Manufacturers' Representatives, Agents and Merchants for Foreign Liquors, Provisions and Dairy Products Sole Agents Gilbey's Wines and Spirits, and Castillon Brandy, Golden Tree Pilsner Urquell Beers, Daisy Olive Oil, etc

Oomrigar, D C, & Co, Ltd —Opp Crawford Market, 354 356, Abdul Rehman Street
Pandit Kanahya Lal Punj —Seksaria Chambers, 139, Medows Street Fort

PHIPSON & CO, LTD —6, Apollo Street, Fort

Pyrke's Provision Stores —373 Hornby Road, Fort
Shaw, M S, & Co —Mherwan Building, Sir Phirozshah Mehta Road, Fort
Shroff & Co —Tejorivala Building, Corner of Grant Road
Shroff, P C & Sons —Corner of Grant Road

SHROFF SONS, J P C —Importers and Exporters, Agents Representing Distillers, Breweries and Manufacturers, Bazargate Street, Fort, Bombay (India) Phone 26677 Grams "JAYPEESONS," Bombay

Spencer & Co, Ltd —Kaiser i Hind Building, Ballard Estate, Fort
T Motandas —Wine & Provision Merchants, 1st Marine Street near Metro, Bombay
United Medical Agency —11, Bruce Street, Fort
Vianelli, A, & Co —Chowpatty Sea Face

WIRE BRUSHES

DATSON RAVIRAJ & CO —43, Tamarind Lane, Fort

WIRE PRODUCTS MANUFACTURERS & DEALERS

Adamjally Sons Ltd —277, Nagdevi Street, Bombay 3
Blascheck H, & Co —Opp Hongkong Bank 44 Cawasji Patel Street, Fort
Bombay Metal Products Co —86 Kandewadi Bombay No 4
C Bhimjee Poonja & Sons —Bhimjee Poonja Building, 20 Khokha Bazar, Bombay 3

CHUNILAL & CO —74, Abdul Rehman Street, opp Imperial Bank, Bombay 3

Dhanji Ram & Sons —236 Musjid Bunder Road

EAST ASIATIC COMPANY (INDIA) LTD —Wavell House, Graham Road, Ballard Estate Phone 30995

Eastern Stores & Trading Co, Ltd —115 A Nagdevi Street

EASTERN TRADING & ENGINEERING CO —Alice Building, 3rd Floor, 339, Hornby Road, Fort, Bombay Phone 26959 Grams "HIGSTEL" Importers and Stockists of Steel Wire ropes, M S Shaftings, Rounds, Squares, Steel Strips, Stainless Steel Strips, etc Galvanised Wire, Strand Wire Nails, Bolts, Nuts and Rivets

G M Motiwala —80 Bhusari Mohalla, Bombay 3
Herman & Mohatta B R Ltd —Peoples Building Sir Phirozshah Mehta Road, Fort

HIND HARDWARE STORES —Pirbhoy Building, 1, Lohar Chawl, Bombay 2 Phone 21804 Grams "AGEKADUM" Wire Merchants

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Jayant Metal Manufacturing Co —102 Lohar Street Bombay 2
Kantilal Sanghvi & Co —Mherwan Building Sir Phirozshah Mehta Road, Fort
Morbiwala, A A, & Co —109 111 Abdul Rehman Street, Bombay 3

NASH & CO —103, Abdul Rehman Street, Bombay 3 Govt & Rly Contractors and also Dealers in Wire Nettings, Expanded Metal, Galvanised Brass, Copper Plain Zinc Sheets, Perforated Brass, Copper Zinc Sheets, Welded Mesh green Wire Nettings, Asbestos Cement Sheets, Plain Corrugated Veneer Plywood, Masonite, Presswood, Woven wire Fence and Wire Netting, Decorative Plywood for furniture as a Teak, Mahogany, Walnut in all sizes and thickness Phone 33968

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N P Master & Co —Bombay Mutual Annexe, 17, Gunbow Street, Fort
Parsee Trading Co —Vithal Sayana Building No 2, Lohar Chawl, Bombay 2

ROYAL HARDWARE MART —108, Nagdevi Street, Bombay 3 Phone 24121 Grams "MANILAROPE"

Shah & Co, Jaiwala — Jay Nivas 36, Abdul Rehman Street, near Pydhonie Corner of Sutar Bazar, Bombay 3
I Salehbhoy & Co —54, Sarang Street, Bombay 3

VASI SHUMS & CO LTD —165-67, Nagdevi Street, Bombay 3 Phone 24947 Grams "WIREROPE"

WESTERN INDIA HARDWARE MART —16, Narayan Dhuru Cross Lane, Bombay 3 Grams "VISCOSITY" Phone 28730

Yahya & Company —123 Abdul Rehman Street, Bombay 3
Zenith Iron Works —46, Abdul Rehman Street, Bombay 3

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GAYTEE & COMPANY —Janmabhoomi Chambers, Fort Street, Fort, Bombay Grams "IMPENG" Phone 32449

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Champion Trades Corporation —9 13 Dalal Street Fort
Chokshi & Co —106, Medows Street Fort
Dawson & Co —24 Parsee Bazar Street Fort
Excellent Engineering Co —11, Botawala Building, Elphinstone Circle Fort

GAYTEE & COMPANY —Janmabhoomi Chambers, Fort Street, Fort Phone 32449 Grams "IMPENG"

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National Hardware & Stores Supply Co —Post Box No 3146, Bombay 3
Thos W Ward (India) Ltd —Marshall Building, Ballard Road, Ballard Estate Fort

WEIL COMPANY —Chateau Marine, 41-B, Marine Drive, Bombay 1 Phone 34593 Cables "WEILETCO"

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Beardsell & Co, Ltd W A —'Dhan Nur', 15 16, Sir Phirozshah Mehta Road Bombay 1
Bombay Co, Ltd —9 Wallace Street Fort
Dawood Hajee Nasser & Co —Mancekia Chamber 1st Marine Street, Dhobi Talao
Eastern Trading & Engineering Co —Alice Building, Hornby Road, Fort
Luiz & Company 7 Abdul Rehman Street Bombay 3
Mardners & Co 1 Himalaya House Patton Road Bombay
Hashambhoy Aloo Mahomed & Son —Doshmahomed Building Nishanpada Road Khadak, Bombay 9
Husein Mussa Virjee & Co —Sheriff Hasam Building, Khoja Mohalla, Bombay 9
Interseas Corporation —293, Hornby Road Fort
Jehangir J M Poonjiajee —Byramjee Mansion, Sir Phirozshah Mehta Road Fort
Maga Traders —20 Dadisheth Agiary Lane, Bombay 2
Mahomedbhai Ismail —Stock Exchange Building, Apollo Street Fort
New Oriental Trading Co —Kermani Building, Sir Phirozshah Mehta Road Fort
Sheralli Nanjee —178, Samuel Street Vadgadi Bombay 9
Shree Krishna Trading Co Ltd —11, Alli Chambers, Medows Street Fort
Vaziralli Ltd —Prospect Chambers, Hornby Road, Fort

WOOLLEN MILLS

Ahmed Abdul Karim Bros Ltd —Karim Building, Mohamedally Road Bombay 3
Berlin Wool Factory —915 C, New Chanul Road, Bombay 4
Nagpal Woollen Mills —Darukhana, Reay Road, Mazagaon
P Parbhulal & Co Ltd —Whiteaway Laidlaw Building, Hornby Road, Fort
Usha Woollen Mills, Ltd , The —Bhavanishanker Road, Dadar

WOOLLEN PIECEGOODS

Abdul Jatif Abdul Shukur & Co —13-15, Jackeria Masjid, Bombay 3
Abrahamoff, S —P O Box No 529, Rehmat Manzil, Churchgate Street, Bombay 1
Ahmed Abdul Karim Bros Ltd —Karim Building, Mohamedally Road, Bombay 3
Ahmed Ebrahim Bros —88, Chuckla Street, Bombay 3
Arvinda Trading Co , Ltd —105 Apollo Street, Fort
Asian Trading Corporation —P O Box No 1505, 20, Mangesh Street
Askay & Co Ltd —Great Social Building, Sir Phirozshah Mehta Road Fort
Beardsell, W A , & Co , Ltd —15 16, Sir Phirozshah Mehta Road, Fort
Bascheck, H & Co —Dadyseth House, opp Hongkong Bank, Fort
Cawnpore Mills Depot Churchgate House Churchgate Street Fort
Dadlani Silk Stores —24, Lansdowne Road, near Regal Cinema, Apollo Bunder
Dawood Hajee Nasser & Co - Maneckia Chamber, 1st Marine Street, Dhobi Talao
Emdas —105, Mahatma Gandhi Road, Fort
Eastern Woollen Mills Ltd — Bhavanishanker Road Dadar Bombay
Godambe Bros —Buona Casa, Sir Phirozshah Mehta Road, Fort
Goolamally Hasanjee —78, Sheriff Dewjee Street
Gore & Co - Great Social Building Sir Phirozshah Mehta Road, Fort
Grand Bazar —25, Colaba Causeway, Bombay 1
Gulam Rasul Allahbux —1 B Bachoo Ali House, Nowroji Hill Road No 1, Bombay 9
Haneef, S M , & Co —Bachooali House, Haji Bachooali Road, Bombay 9
Hardacre & Co T —41 Hamam Street, Fort
Hazarat & Co —People s Building, Sir Phirozshah Mehta Road, Fort
Hoosein, M A , & Bros —Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Jagkumar & Co —Prospect Chambers Annexe, 312/19, Hornby Road, Fort
Jehangir J M Poonjiajee —Byramjee Mansion, Sir Phirozshah Mehta Road, Fort
Jivandas Bhanaji & Co (Estd 1925) —Dwarkesh Galli, Mulji Jetha Market, Bombay 2
Jivraj, A M , & Co —171, Khoja Mohalla, Bombay 9
Kidarnath Kishanchand —106, Medows Street, Fort, Bombay
K Metharam —490 3 Kalbadevi Road
Kothari & Sons —20 Noble Chambers Parsi Bazar Street, Fort
Kros & Co —Podar Chambers, Parsi Bazar Street, Fort
Madhusudan Gordhandas & Co —Ganeswadi, Mulji Jetha Market, P O Box 2110, Bombay 2
M Dialdas & Sons —190, Princess Street
Mansukhlal & Co Chandra Chowk, 2nd Lane Mulji Jetha Market, Bombay 2
N M Brothers & Co —Shreeji Bhuvan, Lohar Chawl, Post Box No 2163 Bombay
P Parbhulal & Co , Ltd —Whiteaway Laidlaw Building, Hornby Road Fort
P R Patell & Co , Ltd —Mherwan Building, Sir Phirozshah Mehta Road Fort
Raymond Woollen Mills Ltd The —Thana (C R), Bombay
Roshanalli D Nassur & Co —68 72, Champagalli.
Rowe & Rowe —381, Hornby Road, Fort
Sampat Store —98 30, Swadeshi Market, Kalbadevi Road
Shree Krishna Trading Co , Ltd —11, Alli Chambers, Tamarind Lane, Fort
Tarachand Pursram —Court House, Carnac Road, Bombay 2
Uttamlal, V , & Co —P O Box No 1591, Bombay
Vallbhai Kamruddin —101, Abdul Rehman Street, Bombay 3
Yacoob Ahmed Brothers —Topiwalla Mansion, Mahomedally Road

WOOLLEN PIECEGOODS IMPORTERS

MAHENDRALAL, B —Muljee Jetha Market, Dwarkesh Gully, Bombay 2 Cotton, Woollen and Art Silk and Piecegoods Merchants and Importers

WRAPPING FILMS (TRANSPARENT)

Aspden's Limited —Prince s Chambers, Colaba Road, Colaba
Blascheck H & Co —Opp Hongkong Bank, 44, Cawasji Patel Street, Fort

X-RAY AND ELECTRO-MEDICAL EQUIPMENT

Craftsman Electronic Corporation Ltd —Navsari Building, 240, Hornby Road, Fort

EAST ASIATIC CO (INDIA) LTD —Sole Agents Siemens-Reiniger Werke AG Germany Wavell House, Graham Road, Ballard Estate Phone 30995

Fairdeal Corporation Ltd , The —Lakshmi Building, Sir Phirozshah Mehta Road, Fort
Forbes, Forbes Campbell & Co Ltd —Forbes Building, Home Street, Fort

MALGHAM BROS —26, Old Custom House Road, Fort Surgical and X-Ray Equipments Phone 25324 Grams "MALGHAM"

Sethusons International Ltd —12, Rampart Row, Fort

SHAH, M , & CO —Kanji Mansion, Sandhurst Road, Bombay 4

Victor X Ray Corporation (India) Ltd — Thackersey House Graham Road Ballard Estate, Bombay 1

X-RAY FILMS AND ACCESSORIES

ILFORD-SELO (INDIA) LIMITED —Cook's Building, Hornby Road Branches Calcutta, Madras, New Delhi

X-RAY MACHINERY IMPORTERS

Consumers Services Ltd —Podar Chambers Parsi Bazar Street, Fort
General Radio & Appliances, Ltd (Formerly Fazalbhoy Ltd) —16, New Queen's Road, Bombay 4

YARN MERCHANTS & EXPORTERS

Adam Haji Peermahomed Essack —Ahmed Devji Building, Mahomed ally Road
Ahmed Abdul Karim Bros Ltd —Karim Building, Mohamedally Road
Ahmed Ebrahim Bros —88, Chuckla Street, Bombay 3
Allied Exporters —Kummud House, 267, Hornby Road, Fort
American Trading Co Ltd — Rustom Building, 20, Churchgate Street, Fort
Amratlal Hiralal & Co —37 41, New Vora Building, Tambakanta, Bombay 3
Arvinda Trading Co , Ltd —105, Apollo Street, Fort
Asian Trading Corporation —P O Box No 1505, 20, Mangesh Street
Askay & Co Ltd —Great Social Building, Sir Phirozshah Mehta, Road, Fort
Aspdens Ltd —Prince's Chambers, Colaba Road, Colaba
Bajaj Brothers Ltd —Round Building, Kalbadevi Road
Beardsell & Co , Ltd , W A —15/16, Sir Phirozshah Mehta Road, Fort
Bombay Import & Export Agency —Cama House, opp Lloyds Bank, Hornby Road, Fort
Central Trading Co —81, Cawasji Patel Street, Fort

DARSHNIMAL TANDON & CO —Victoria Building, Parsee Bazar Street, Fort, Bombay Grams "SEWAKUNJ" Phone : 25104 Importers of all Kinds of Yarns. Specialists in all Kinds of Woollen Yarns and Silk Yarns Indian and Foreign

David Sassoon & Co , Ltd —Maneckji Wadia Building, 127, Mahatma, Gandhi Road, Fort
Dawood Hajee Nasser & Co —Maneckia Chambers, 1st Marine Street, Dhobi Talao
Doongashi Gangji & Co —84, Masjid Bunder Road, Bombay 3
East & West Associates, Ltd —86, Yusuf Building, Churchgate, Street, Fort
Eastern Trading Co —Mahakali Chawl, Pydhonie, Bombay 3

Express Corporation —Co operative Insurance Building, Sir Phirozshah Mehta Road, Fort

Firoz Trading Co Ltd —Kamar Building, Cawasji Patel Street, Fort

Gorakhram Gokalchand (Estd 1891) —Choksi Chambers, Zaveri Bazar, Bombay 2

Gore & Co —Great Social Building, Sir Phirozshah Mehta Road, Fort

Gulam Rasul Allahbux —1/B, Bachooali House, Nowroji Hill Road, No 1, Bombay 9

Gurdial Naraindass & Co —Patel Building, New Silk Bazar, Bombay 2

Hardacre & Co J Himalaya House, Palton Road, Bombay 1

Hazarat & Co —People's Building, Sir Phirozshah Mehta Road, Fort

Herbertsons Ltd —11/13, Elphinstone Circle, Fort

Hindersingh & Co —36, Abdul Rehman Street, Bombay 3

Hind Trading Co —Alli Chambers Tamarind Lane Fort

Hindustan Export & Import Corpn Ltd —Albert Building, Hornby Road Fort

H V M Moosa Motiwalla & Sons, Ltd —91, Mahomedally Road, Bombay 3

India Textile Agencies —Noble Chambers, Parsi Bazar Street, Fort

Indindia Cotton Co Ltd —71 7, Apollo Street Fort Bombay

J A Thadani & Co —People's Building Sir Phirozshah Mehta Road, Fort

Jay Bharat Yarn Trading Co —Tambakanta Pydhonie, Bombay 3

Jayashankar Nathulal & Co - 5 Alli Chambers Tamarind Lane, Fort

Jehangir J M Poonjiajee —Byramjee Mansion, Sir Phirozshah Mehta Road, Fort

Kapadia Trading Co —Botawalla Building, New Silk Bazar, Kalbadevi Road, Bombay 2

Kavarana, E F, & Co —Botawala Building, Bomanji Master Road, Bombay 2

Keshavji Virji & Co —8, Elphinstone Circle, Fort

KESHAVLAL TALAKCHAND —30, Manordas Street, Bazargate, Fort Branches at Ahmedabad, Calcutta, Coimbatore, Madras Associates at London, Manchester, Aden and Addis Ababa

Khurya Company Ltd —Head Office Beaumon Chambers, 27/33, Medows Street, Fort

Kishinchand & Co (India) —138, Hornby Road, Fort

Kotak & Co —Menkwa Building, Outram Road Fort

Kroz & Co —Podar Chambers, Parsi Bazar Street, Fort

K Motilal & Co —Sayee Building, 143, Princess Street, Bombay 2

Latham Abercrombie & Co, Ltd —Forbes Building, Home Street Fort

L N Mehta & Sons —Laxmi Building, Sir Phirozshah Mehta Road

Mehta & Co, P N —Cook s Building, 324, Hornby Road, Fort

Madhavlal, S, & Co —Noble Chambers, Parsi Bazar Street, Fort

Maganlal Parbhudas —Nakhoda Street, Pydhonie

Mahendrakumar & Co —Central Bank Building, Esplanade Road, Fort

Manekji & Co —17, Gunbow Street Fort

Manubhai Gokaldas —89, Old Vora Mala, Tambakanta, Bombay 3

Moosawalla, H V M, & Sons, Ltd —Rangwalla Building, 91, Mahomedally Road, Bombay 3

Morarji Velji & Sons —7, Kolbhat Street, Post Box 2001, Bombay 2

Mulraj G Dungarsey & Co, Ltd —21, Forbes Street, Fort, Bombay

Orion Trading Co, Ltd, The —Opp Round Temple, Sandhurst Road, Bombay 4

OOMERSEE KESOWJEE & CO (Estd 1875) —Post Box No 1, Bombay Head Office Camp Bazar, Cannanore, South India Grams "BARTER," Bombay, "KANAIYA," Cannanore

Pannalal Ramdayal Chindak —158, Princess Street, Bombay 2

P Parbhulal & Co, Ltd —Whiteaway Laidlaw Building, Hornby Road, Fort

Pavri J K —11, Karim Chambers Hamam Street Fort Bombay

Pavri Sons & Co —93/97, Bazargate Street, Fort

Podar Trading Co, Ltd —Podar Chambers, Parsi Bazar Street, Fort

Ramchand Ambiram —Above Govind Chowk M J Market, Bombay 2

Ramdas Khimji Bros - Warden House, Sir Phirozshah Mehta Road, Fort

Ramkisandas Sagarmal —Kalyan Bhuvan, 354, Kalbadevi Road

Rangoonwalla, H N —Rangoonwalla Building 91, Mohammedally Road

Ratilal Dahyabhai Shah —Hanuman Building, Tambakanta, Pydhonie Bombay 3

SANKALCHAND G SHAH & CO LTD —Hanuman Building, Tambakanta, Bombay No 3 Tel Nos 20765 & 23353 Grams "FORCE" All kinds of yarns including cotton yarns, woollen yarns, artificial silk yarns Branches Ahmedabad, Amritsar, Ludhiana, Hoshiarpur, Madras, Calcutta, Karachi, New York, London, etc

SAPT TEXTILE PRODUCTS (INDIA) LTD —Sapt Building, Graham Road, Ballard Estate

Sewaram Girdharilal —354, Kalbadevi Road Bombay 2

S Manubhai & Co —Albert Building 346 Hornby Road Fort

S Nagam & Co —418, Kalbadevi Road

SORABJI NOWROJI & CO —16, Horniman Circle, Fort

Star Rope Works The —87 Sun Mill Road, Lower Parel, Bombay 13

SUBODHCHANDRA POPATLAL —(Estd 1915) Exporters & Importers, 223-25, Sheikh Memon Street, Bombay 2 Grams "NAYAN" Phones Office 30624 & 20645, Res 32220

Suchin & Co 65 Lakshmi Building Sir Phirozshah Mehta Road, Fort

Surat Yarn Exchange Co 141, Princess Street, Bombay

Tavaria Brothers —Dhun Nur Sir Phirozshah Mehta Road Fort

Textile Works Ltd —49 55, Apollo Street, Fort

T Vrajlal & Co —16, Bell Building, Sir Phirozshah Mehta Road, Fort

Vadilal Vrajlal & Co —Peerbhoy Building No 2, 89, Princess Street, Bombay 2

Vimals —106, Medows Street, Fort

Western Link Co —19, Bank Street, Fort

Yacoob Ahmed Brothers —Topiwalla Mansion Mohamedally Road

Yarn Trading Co —95, Tamba Kanta, Bombay 3

ZINC SHEET

NAGDEVI TOOL-STEEL MART —Nagdevi Street, Bombay 3

Non Ferrous Metal Refinery - 5, Chintamani Temple Building, 2nd Bhoiwada, Bombay 2

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THE

TIMES OF INDIA

PUBLICATIONS

RATE CARD, MEDIA RECORD AND AUDITED NET SALES CERTIFICATE GLADLY SUPPLIED UPON REQUEST. HEAD OFFICE : HORNBY ROAD, BOMBAY. DELHI OFFICE : 10, DARYAGANJ. LONDON OFFICE: 4, ALBEMARLE STREET, W.1.

AHMEDABAD DISTRICT

Headquarters Ahmedabad

Talukas or Mahals Daskroi Dhandhuka Ranpur, Dholka Dehgam, Viramgam, City Taluka, Sanand

A District in Gujarat belonging to the Gujarat Division of Bombay State it lies between North Latitude 28° 23 and 23° 37 and East Longitude 71° 21 and 70° 28 It is bounded on the north by Mehsana and Sabarkantha Districts on the west by Saurashtra and the Rann of Kutch, on the south by Saurashtra and Kaira Districts and on the east by Kaira The total area of the District is 3 >29 sq miles The population is 1,08> 630 The language spoken is mainly Gujarati

In the extreme south of the District and also just beyond the northern boundary are a few rocky hills But between these two points the whole District forms a level plain gradually rising towards the north and east The chief physical feature is the river Sabarmati which rises in the north east, near the extremity of the Aravalli Range and flows towards the south west falling finally into the Gulf of Cambay

The District as a whole is open and poorly wooded The chief trees are mango, rayan mahuri and nim Many of the trees and shrubs supply food medicines and material for dyeing and tanning

The rainfall varies but slightly between the central portions of the District and the outlying tracts The annual rainfall averages about 30 inches

The principal towns in the District are besides Ahmedabad Viramgam Dholka Daskroi Dhandhuka Dholera Dehgam and Sanand Dehgam taluka has been selected for development under the village extension services scheme recently

The chief food crops are wheat jowar and bajra and the chief money crop cotton The best rice is grown in Daskroi and the next best in Sanand and Dholka The cotton which has a good staple is mainly grown in the Dhandhuka and Dholka Talukas In Daskroi and Dholka many garden crops are also grown

Ahmedabad city which is the second biggest textile centre in India is the only large industrial area in the District The number of textile mills and factories is about 150 including 64 textile mills Ahmedabad is also a centre of railway communications One line from Ahmedabad goes south east to Baroda and Bombay another goes south to Dholka a third goes west to Viramgam where it joins the Saurashtra railway system a fourth goes north east through Parantij and a fifth north through Palanpur and Ajmer

With the establishment of the Gujarat University Ahmedabad has become an important educational centre It has over 10 000 alumni in Gujarat Saurashtra and Kutch The Ahmedabad Textile Industry's Research Association is the first institute of its kind in the whole of India Ahmedabad is linked by air with Bombay Jaipur Delhi and Karachi

The population of Ahmedabad City according to the 1951 census is 788 333

DIRECTOR OF LOCAL AUTHORITIES

Director Northern Division V Iswaran I C S
Personal Assistant N S Dixit, B A
Head Clerk B K Gajjar

AHMEDABAD COLLECTORATE

Collector and Dist Magistrate, M D Rajpal * I A S
Asstt Collector Dholka Prant, R A Naik, I A S
Supr Asstt Collector R D Pradhan, I A S
P A to Collector and Addl D M R T Randive B A
Addl P A to Collector I K Trivedi B A
Prant Officer, Viramgam Prant, J V Vyas, M Sc
City Magistrate, M D Patel B A
Sub Divisional Magistrate, A D Barot, B A
District Supply Officer, D Bose, B A
Food Controller, K M Mulla, B A
Administrator, Sardarnagar, B R Mancpatil, M A
City Deputy Collector, V M Gokhale, B A
Special Officer, B T P A Q F Campwalla M A
Addl City Magistrate, C D Gosalia, B A, LL B
2nd Addl City Magistrate, G B Nabar
3rd Addl City Magistrate B N Naik B A, LL B
4th Addl City Magistrate, B B Mazmudar B A LL B
5th Addl City Magistrate, R M Parikh B A LL B
6th Addl City Magistrate, G N Ambawane
7th Addl City Magistrate K N Parikh B A LL B
8th Addl City Magistrate, P M Patel Bar at Law
Resident Magistrate, Ahmedabad S M Vyas, B A LL B
Resident Magistrate Daskroi N J Patel B A LL B
Stipendiary I C Magistrate (Rly) C C Parikh B A LL B
Stipendiary I C Magistrate (Municipal Corporation) B D Parikh B A, LL B
Addl Stipendiary I C Magistrate (Municipal Corporation) S M Chhaya B A, LL B
Resident Magistrate, Viramgam M K Takhtalia B A, LL B
Resident Magistrate Dholka S N Chaudhary B A, LL B
Huzur Mamlatdar, Ahmedabad P D Thakkar B A
Asstt Custodian of Evacuee Property R I Shah M A
Chitnis to Collector D B Pathik B A (Hons)
Extra Chitnis to Collector G C Amin
Head Clerk to Collector R M Doshi B A
Mamlatdar, City Taluka V P Soni
Mamlatdar, Dholka Taluka, I K Lemblie B A
Mamlatdar, Daskroi Taluka C P Mehta
Mamlatdar, Viramgam Taluka, A I Gandhi
Mamlatdar Dhandhuka Taluka R I Pandya B A
Mamlatdar Dehgam Taluka R P Vyas B A
Mahalkari Sanand Mahal A M Shah
Godown Officer) Ahmedabad K K Desai
Rationing Officer) Ahmedabad A K A Gollandaz, M A
Textile Officer S R Vyas
Income Tax Recovery Mamlatdar B H Oza
Statistician to Food Controller D S Vasavda B Com
Asstt Registrar of Moneylenders N H Thakkar M Com
Jt Secretary Dist Development Board H V Patel B A
Camp Clerk to Collector V Ramanathan
Chief Entertainment Duty Inspector I S David
Head Accountants, I R Mansuri M H Chitre
Regional Publicity Officer V M Thakore, B A

JUDICIAL DEPARTMENT

District and Sessions Judge Ahmedabad, B C Vakil, B A (Hons) LL B
Assistant Judge and Addl Sessions Judge Ahmedabad M I Vijaykar B A LL B
Extra Assistant Judge and Addl Sessions Judge, Ahmedabad P I Majumdar, B A (Hons) LL B
Second Extra Assistant Judge and Addl Sessions Judge Ahmedabad Y D Desai B A LL B
Third Extra Assistant Judge and Addl Sessions Judge Ahmedabad K M Bambarkatty M A LL B
Judge Small Causes Court, Ahmedabad, B G Desai, B A LL B
Civil Judge, Senior Division, Ahmedabad, K V Mehta, B A, LL B
Joint Civil Judge, Senior Division Ahmedabad H I Bhatt B A LL B
Second Joint Civil Judge Senior Division Ahmedabad K S Majmudar B A LL B
Third Joint Civil Judge, Senior Division, Ahmedabad, Vacant
Joint Civil Judge Junior Division Ahmedabad A M I Wajid M A LL B
Second Joint Civil Judge Junior Division Ahmedabad K A Joshi B A, LL B
Third Joint Civil Judge, Junior Division, Ahmedabad I C Sheth B A LL B
Fourth Joint Civil Judge, Junior Division Ahmedabad D I Bhojwani B A, LL B

* To be Commissioner, Ahmedabad Municipality on May 1, 1954

Fifth Joint Civil Judge, Junior Division, Ahmedabad, N D Gehani, B A, LL B

Civil Judge, Junior Division, Dholka B N Makani, B A, LL B

Civil Judge, Junior Division Dhandhuka, C H Desai B A, LL B

Civil Judge, Junior Division, Viramgam, I P Bhatt, **B A, LL B**

Civil Judge Junior Division, Dehgam, C D Pancholi, B A LL B

Joint Civil Judge Junior Division, Dehgam N J Patel, B A, LL B

Civil Judge, Junior Division, Himatnagar, K N Alimchandani, B A, LL B

Civil Judge, Junior Division, Idar, V M Mehta, B A, LL B

Civil Judge, Junior Division, Modasa, V B Wakade, B A, LL B

Registrar Small Causes Court Ahmedabad, N B Joshi, B A

Clerk of the Court District and Sessions Court, Ahmedabad, B B Kadri B A

Head Clerk, District Court, Ahmedabad P C Patrick

Nazir District Court Ahmedabad R M Shukla

POLICE DEPARTMENT

Dy Inspector General of Police, Northern Range, K J Nanavathi, I P

Dist Supdt of Police Ahmedabad City, K S Pavri, I P

Addl Dist Supdt of Police Ahmedabad City A N Kagal, M A

Sr Supdt of Police, C J V Miranda

Dy Supdts of Police City Charge, S D Rege I P S, R M Desai

POLICE PROSECUTORS

City Charge

C S Gadaria, K S Desai, I I Majmudar J S Desai, C P Chhatrapati, S G Pradhan C I Trivedi, R D Kavina, A B Shah M M Mehta, B R Modi

POLICE INSPECTORS

City Charge

R M Gohil C C Patel K V Siddhye, B R Chavan M S Ahirrao R R Ghorapade N I Parmar, B S Kamle R M B Salvad V N Satpute, D B Patil R H Raghuvanshi, S N Acharya S M Pandya

AHMEDABAD DISTRICT RURAL CHARGE

Addl D S P Ahmedabad Rural, S P Marathe, B A LL B, I P S

A S P, S D, S M Warty I P S

Dy S P, A C L C, I B Deshmukh

Police Inspectors S I Pagar, D A Potiwala, B A Barot

Police Prosecutors, M A Shaikh, D N Purohit, M G Gandhi, R J Pathak, D M Shukla

CENTRAL EXCISE DEPARTMENT

Superintendent, Central Excise, Ahmedabad R P Taxpati

Deputy Superintendent, Aerodrome, Ahmedabad K M Vyas

Deputy Superintendent, Executive, Ahmedabad R J Pardiwalla

Inspector, Aerodrome, Ahmedabad M J Kholkute

Inspector Aerodrome, Ahmedabad G N Mori

Inspector, Aerodrome, Ahmedabad M L Patel

Inspectress, Aerodrome, Ahmedabad I R M Patil

Range Officers, Central Excise, Ahmedabad R M Patil, J D Ambegaokar, N L Shrawane S M Christian

Range Officer, Central Excise, Modasa S M Mongrulkar

Range Officer, Central Excise, Adalaj N S Pathak

Range Officer, Central Excise, Ahmedabad Rural R K Thakkar

Range Officer, Central Excise, Bayad S A Kadri

Range Officer, Central Excise Khedbrahma M N Joshi

Range Officer, Central Excise Himatnagar A M Mulla

Range Officer, Central Excise Dehgam A F Malek

Range Officer Central Excise Idar B N Shah

Range Officer, Central Excise, Prantij H H Mirza

Range Officer, Intelligence & Prevention, Ahmedabad I P Mahida

CENTRAL EXCISE DEPARTMENT (SALT)

PRITCHARD SALT WORKS

Assistant Salt Controller, Kharaghoda, P J Cooper

Superintendent, Pritchard Salt Works, Kharaghoda, S S Vyas, B A

Inspector, Pritchard Salt Works, Kharaghoda, S K Paul, B Sc

Inspector, ,, ,, ,, B V Sahasrabudhe, B Sc (Hons)

Inspector, Pritchard Salt Works, Kharaghoda, A B Mahedu

Inspector, Main Salt Stores, Kharaghoda, I D Mehta

Inspector, ,, ,, ,, K P Chalishazar, B Sc

Medical Officer, A O D, L P Vyas, I C P S (Bom)

TOWN-PLANNING AND VALUATION DEPARTMENT

Asstt Consulting Surveyor to Govt and Arbitrator Town Planning Schemes Ahmedabad R M Parikh, B E (Civil) F I A S (Lond), A M I E, A M I M E (Lond), M R San I (Lond)

Special Land Acquisition Officer, Ahmedabad N Y Joshi

Additional Special Land Acquisition Officer, Ahmedabad P V Saswadkar

Junior Assistant to the Consulting Surveyor to Govt, Ahmedabad S R Jambhekar

Head Clerk, Town Planning & Valuation Department, Ahmedabad Branch Manilal T Desai

EXECUTIVE ENGINEER'S OFFICE, P W D

Executive Engineer, Ahmedabad R D Bakeri, B E

Dy Engineer, City Sub Division I H Zala, B E

Dy Engineer, Viramgam Sub Division B K Mehta B E

Dy Engineer, Dhandhuka G M Tank B E

Dy Engineer, Co op Lift Irrigation Schemes, Ahmedabad R V Lakhani

Dy Engineer, Ahmedabad Construction Sub Division N D Parmar, B E

Divisional Accountant N S Kunchur, B A (Hons)

Head Clerk J H Vyas

IRRIGATION DIVISION, AHMEDABAD

Executive Engineer N K Patel

Asstt Engineer Irrigation Project Sub Division, Ahmedabad M D Patel

Deputy Engineer, Meshwa Canal Sub Division J R Vohra

Deputy Engineer, Ahmedabad Irrigation Sub Division V M Dave

Deputy Engineer, Vijapur Tube Well Sub Division V V Karandikar

Divisional Accountant C B Patel

Head Clerk P S Gosai

REGIONAL TRANSPORT OFFICE

Regional Transport Officer Captain Y S Keshbekar, B A (Hons)

Regional Supervisor R D E Obed

Motor Vehicle Inspectors C M Nair, M V C Pathy, S B Udwadia, J K Irani, M R Dastoor

Assistant Motor Vehicle Inspectors K A Vania, F N Chinwalla, S R Kothawala

Head Clerk V S Kore

LAND RECORDS AND SURVEY OFFICES

Superintendent, Land Records Ahmedabad Circle V R Kulkarni

Headquarters Asstt, Central Record Office, Baroda I. V Patel

Head Clerk to the Superintendent, Land Records, Ahmedabad Circle, A B Adoti

Shirastedar to the Superintendent, Land Records, Ahmedabad Circle, R K Mahida

District Inspector, Land Records, Ahmedabad P B Matadar

District Inspector, Land Records, Kaira T L Desai

District Inspector, Land Records, Baroda, H C Shah
District Inspector, Land Records, Mehsana, C M Shah
District Inspector, Land Records, Banaskantha, M N Panchal, B A
District Inspector Land Records, Sabarkantha, H k Purani
Asstt District Inspector, Land Records, Amreli, J K Desai
Asstt District Inspector, Land Records, Ahmedabad P C Shah
Asstt District Inspector, Land Records, Baroda, R J Patel

REGISTRATION OFFICE

District Registrar, M D Rajpal, I A S
Headquarters Sub Registrar, A N Shah, B Sc
II *Jt Sub Registrar,* I M Setalvad
III *Jt Sub Registrar,* k S Bhatt, B A (Hons)

POSTS AND TELEGRAPHS

Senior Supdt of Post Offices, Ahmedabad S M Ghosh I P S
Asstt Supdt of Post Offices, Ahmedabad, C M Shah
Postmaster, J N Gursahani, B Sc
Deputy Postmasters I k Wadhwani
Assistant Postmasters B M Rawal, P P Pawar, C R Shah N N Poredi

TELEGRAPH DEPARTMENT

Superintendent, Vacant
Asstt Supdt J F Afzenwiler
Telegraph Masters K P Dave, C J Patel, L Neves, D S C Martin R C Kinkhabwala, A W Lawrie, C R Shah, U M Adhvaryu, S G Dikshit, R N Shrivatsa
Electric Supervisors S P Naidu, N S Deshmukh, C I Kansara
Head Clerks, B P Desai, R P Acharya, B G Pandya, F B Jani

TELEGRAPH DEPT, TECHNICAL SECTION

S D O *Telegraphs,* I Subramanian
Engineering Supervisors, Telegraphs, A S Padmanabhan, G R Kulkarni, K Ramkrishnan
Engineering Supervisors, Carriers, Gulam Nabi, k B Hodiwala
S D O *(Phones)* I R Naravanan
L S G (Monitor) S Quazi
E S (Maintenance), B J Bukhari, P M Pandya

ENGINEERING DEPARTMENT

Divl Engr Teles (Ahmedabad Dn), P M O Reilly
Dy Divl Engineer Teles, J F Franco
Divl Accts, S Mahalingam, S Krishnaswamy

TELEPHONE OFFICERS

Executive Engineer, Indian Posts and Telegraphs Dept, Telephones, N S V Subramaniam
Asstt Executive Engineer, Telephones, A J Alva
Asstt Executive Engineer, Installation, I P Gulrajani
Head Clerk, V M Desai
Divisional Accountant, N B Unhale
Engineering Supervisor Telephones, N B Rajput
Exchange Inspectors Telephones, A Dayananda, N V Parikh, S D Soni, U Arvindakshan

SABARMATI CENTRAL PRISON

Superintendent, Central Prison, R K Anklesaria, B A (Hons)
Dy Supdt, Lt Col (Retd) S C Chavan
Senior Jailor, S S Khanolkar
Factory Jailor, S B Gosavi
Medical Officer, Dr K M Wadhwani, M B B S

EDUCATIONAL DEPARTMENT

Educational Inspector, Ahmedabad and Amreli Districts, Dr S S Raichur, M Ed, Ph D
Deputy Educational Inspectress, Ahmedabad, Kumari H M Desai, B Sc II, B T, Dip in Basic Ed II
Administrative Officer, District School Board, Ahmedabad, M S Shah
Head Clerk to Educational Inspector, Ahmedabad and Amreli Districts, R G Shah

RAILWAY OFFICERS

District Traffic Supdt, Broad Gauge, Capt R Srinivasan
Executive Engineer, G N Metha
District Mechanical Supdtg Engineer, S S Lal
Asstt Mechanical Engineer, M Bhagwandas
Asstt Engineer, Western Railway N V Modi
Asstt Traffic Supdt, Broad Gauge Pesi Jehangir
Head Traffic Controller, Maganlal G Desai
Chief Clerk to the Dist Traffic Supdt, Laxmishanker B Bhatt
Head Clerk to the District Loco & Carriage Supdt, Laxmanrao M Andar
Head Clerk, Executive Engineer's Office, K W Palkar
Permanent Way Inspector, Ramchandra I Desai
Traffic Inspector, Jatashanker Pancholi
Station Supdt, R D Singh
Head Clerk to the Station Supdt, Nandlal
Head Enquiry Clerk, Ramniklal Massur
Loco Inspector, M Rattanji
Carriage and Wagon Inspector M Ambalal

INCOME-TAX OFFICERS, AHMEDABAD RANGE

Inspecting Assistant Commissioner of Income tax, Ahmedabad Range Ahmedabad, Ch Raj Singh, M Sc, L L B
Appellate Assistant Commissioner of Income tax, Ahmedabad Range I Ahmedabad H A Shah, B Com (Bom) B Com (Lond)
Appellate Assistant Commissioner of Income tax Ahmedabad Range II, Ahmedabad Mohamed Swalehuddin, B Com
Appellate Assistant Commissioner of Income tax Ahmedabad Range III, Ahmedabad, Hans Raj Puri, B Sc
Income tax Officers, Ahmedabad, V C Desai B A (Hons), L L B *(Income tax Officer E P T Circle, Ward C and Authorised Officer, Income tax Investigation Commission Ahmedabad),* M H Desai B Com L L B A C A *(Income tax Officer Special Circle I, Ward A Ahmedabad),* R N Nagwekar B A (Hons) *(Income tax Officer Special Circle I, Ward B, Ahmedabad)* V D Sonde B A (Hons) L L B *(Income tax Officer, Special Circle I, Ward C Ahmedabad)* S M Shah, B Sc *(Income tax Officer, Special Circle I Ward D Ahmedabad),* S Prasad, M Sc *(Income tax Officer, Special Circle I, Ward E Ahmedabad),* V Muthuswamy B A (Hons) *(Income tax Officer, Special Circle I, Ward F, Ahmedabad and Special Circle I, Addl Ward D, Ahmedabad)* S R Mehta, M A *(Income tax Officer, Special Circle II, Ward A, Ahmedabad)* C G Joshi M A L L B, B Com *(Income tax Officer, Special Circle II, Ward B Ahmedabad)* D S Bapat (Dip Com Govt) *(Income tax Officer Circle I Ward 4, Ahmedabad)* G M Desai *(Income tax Officer, Circle I Ward B Ahmedabad)* N D Bhatt B A *(Income tax Officer Circle I, Ward C Ahmedabad),* M N Krishnaswamy, M Sc *(Income tax Officer, Circle I, Ward D, Ahmedabad)* T K Shrinivasan M A *(Income tax Officer, Circle I, Ward E Ahmedabad),* V C Dave L L B *(Income tax Officer, Circle II, Ward A, Ahmedabad)* M S Khamkar B A (Hons) *(Addl Income tax Officer, Circle II Ward 4 Ahmedabad),* S R Pawade, B A, L L B B A (Hons) (London), Bar at Law *(Income tax Officer, Circle II, Ward B, Ahmedabad)* N k Trivedi, B A (Hons) *(Addl Income tax Officer Circle II, Ward B, Ahmedabad),* M A Twigg B A (Hons) *(Income tax Officer, Circle II, Ward C, Ahmedabad),* N U Rawal, B A (Hons), L L B, A C A *(Addl Income tax Officer, Circle II, Ward C Ahmedabad),* S Rajratnam, M A *(Income tax Officer, Circle II Ward D Ahmedabad),* B C Shah, B Sc *(Addl Income tax Officer Circle II Ward D, Ahmedabad),* K D Parikh, B A (Hons) *(Income tax Officer, Circle II, Ward E, Ahmedabad),* M S Patel B A *(Income tax Officer, Circle II, Ward-F, Ahmedabad),* R B Antia B A *(Income tax Officer, Circle III, Ward B, Ahmedabad),* G G Desai B A *(Addl Income tax Officer, Circle III, Ward B, Ahmedabad)* D D Shah, M A, L L B *(Income tax Officer, Circle III Salaries Ahmedabad),* P N Gulve *(Income tax Officer), Circle III Refunds Ahmedabad),* K C Thomas, M A *(Income tax Officer S I B and S S C I, Ahmedabad),* S F Tipre, B Sc *(Income tax Officer, Palanpur),* A M David, B A, L L B *(Addl Income tax Officer, Palanpur)*

AHMEDABAD MUNICIPAL CORPORATION

Name of the Candidate	Place and Address
Election Ward No 1	
Brahmakumari Ranchhodlal Bhatt	2237 Bana s Pole Raipur
Ramniklal Sundarlal Inamdar	1959 2 3 Bhagvind Vaidya s Khadki Sarangpur
Krushnalal Trikamlal Desai	Lakhara s Pole Khadia
Election Ward No 2	
Charumatiben Rampratap Vodhdhra	Jati s Pole Sankdi Sheri
Martandrav Gangashanker Shastri	708 Bapa Shastri s Khadki Sankdi Sheri
Jeshingbhai Bhogilal Shah	Pananagar s Khadki Dhal s Pole
Election Ward No 3	
Chinubhai Chimanlal Sheth	Pankor Naka Vandia
Chandrakant Chhotalal Gandhi	Laxmi Nivas Society Ellis Bridge
Narottambhai Chandulal	Jatil Vila Shahibag
Premchand Vithaldas Shah	Opp Zaroda s Pole Dhamsu Dar s Pole Kalupur
Chandbhai Gulamrasul Nizami	1600 Lankshal s Pole Kalupur
Election Ward No 4	
Manekla Narandas	501 Moti Hamam s Pole Ghee Kanta
Narottambhai Keshavlal Zaveri	2972 Ambli s Pole Zaveriwad
Natverlal Nathalal Vakil	Mahwada s Pole, Shahpur
Kantilal Fulchand Chiya	310 Morla Parshnath s Khadki, near Krishna Cinema
Dr Mahamadshafi Alibhai Mansuri	Pankore Naka
Election Ward No 5	
Kamlaben Ratanchand Sutaria	C o Shri Ratanchand Mah chand Sutaria 32 Jain Society, Ellis Bridge
Dahyabhai Sankalchand Patel	166 Moti Mahetas s Pole Vadi gam Dariyapur
Chandulal Fulbhai Patel	Swastik Sadan Jada Bhagat s Pole Dariyapur
Ismail Mahmadbhai Mansuri	Dabgarvad Dariyapur
Krushnalal Mahipatram Patel	Mahadev Valo Khancho, Har mansvah s Pole Dariyapur
Election Ward No 6	
Ishvarlal Motarbhai Vaghela	Shahpur Vankervas behind Rajan s Pole
Shantilal Manilal Patel	Shahpur Bhuvanpara
Ishvarlal Maganlal Bhavsar	Shahpur Vadikotdi s Pole
Lalbhai Chimanlal Shah	Khanpur Patel Society
Raja Gulamkhan Dostmahmadkhan	Saidat Manzil, near Shahpur Mill
Election Ward No 7	
Dr Amubhai Prabhashanker Shukla	9 Adarsha Society Ellis Bridge
Kanchanlal Bhurabhai Parikh	Mandvi s Pole opp Surdas Sheth s Pole
Atmaram Lallubhai Kachhia	Mohan Building 2100/5, out side Haldi s Pole, Kachhia Sheri, Jamalpur
Dr Gulamali Mahamadbhai Momin	Lajpur Khajuri s Pole
Karimgi Kemangi Chhipa	Panch Pipli near Bhungali s Pole
Election Ward No 8	
Nathalal Galabhai Parmar	Raikhad Chorah Vankervas
Maheshchandra Yashvantlal Shah	1071, Salvi s Pole Raikhad
Hemlata Harishchandra Hegishte	Bhadra
Mustafahusain Bavamiya Kadri	Raikhad Diwan Bungalow

Name of the Candidate	Place and Address
Election Ward No 9	
Jayantilal Bhikhabhai Shah	Purna Kunj Ambawadi, Ellis Bridge
Ansuyaben Ramniklal Parikh	Shantiniketan Society Ellis Bridge
Dahyabhai Kalidas Patel	Mithakhali Ellis Bridge
Election Ward No 10	
Dalpatbhai Jethabhai	Dariyapur, Dhalgarwad Hari janvas
Lakhaji Kunvarji	1365, Ambaji s Mata s Vas, Madhavpura
Babulal Mohanlal	1108, Juna Madhavpura
Mohanbhai Narsibhai	Room No 66 Block No 4 Advance Mills Chawl out side Delhi Darwaja
Election Ward No 11	
Jethalal Khushaldas Parmar	New Vanker Housing Society, Pritampura
Prahladbhai Jijibhai	640 Panchdas Street Juna Asarwa
Ishwarlal Parshottamdas Patel	Tribhuvandas Gordhandas Chawl near Jehangirpura, Asarwa
Jimabhai Tribhuvandas Patel	Asarwa Vandas Street
Arvindlal Navranglal Buch	Majur Mahajan Sangh Bhadra
Election Ward No 12	
Somabhai Ramjibhai Parmar	Magan Bhagwan s Chawl Keshavlal Maganlal s Chawl near Saraspur Mill s Bari Bawda
Vimalbhai Naginbhai Shah	1493 Vasanshri Saraspur
Baldevbhai Amrutlal Patel	661, Lalia s Pole Saraspur
Abdulhamid Maulabax Ansari	334 Pujari s Chawl Virajal Paru Saraspur, outside Kalupur Darwaja
Shankerlal Damaji Barot	Lavar Sheri Saraspur
Election Ward No 13	
Kantilal Narandas Patel	Harjivan s Pole Gomtipur
Manherlal Tuljashanker Shukla	84 Moti Kadiyawad Vadigam Dariyapur
Purshottamdas Tribhuvandas Brahmbhatt	Sevasadan, Gomtipur
Mohanbhai Jivabhai Patel	598,84 Kasturbhai s Chawl near Vikram Mill Saraspur outside Rakhiyali Darwaja
Election Ward No 14	
Ramiben Valabhai Rathod	Rajpur, near Mamlatwada Bhogilal s Chawl
Umedbhai Faljibhai Parmar	Mansuri Chawl No 2 Rajpur
Dahyabhai Punjabhai Patel	2/B Swaminarayan s Building Khokhra Mahemdabad
Ibrahim Mahmadbhai Manar	1308 Kuvavalo Khancho Rajpur
Election Ward No 15	
Khemabhai Maganlal Teuva	69 b 94 Jivanlal s Chawl Bahercampur
Dr Jayantilal Jamnavatram Vyas	82 Garden Ward Maninagar
Sarojben Venibhai Patel	Mahipatram Rupram Anath ashram Rupur, outside Raipur Gate
Becharbhai Kasalabhai Parmar	Vijaynagar Housing Society Kankaria

CHAIRMEN OF COMMITTEES

Name of the Chairman	Name of the Committee
Ramniklal Sunderlal Inamdar	Standing Committee
Dr Amubhai Prabhashanker Shukla	Health Committee
Narottamdas Chandulal	Transport Committee
Natwarlal Nathalal Vakil	Legal Committee
Premchandbhai Vitthaldas Shah	Public Works Committee
Jayantilal Bhikhabhai Shah	Refuse and Sewage Committee
Kantilal Fulchand Ghiya	Town Planning Committee
Mustafahusain Bavamiya Kadari	Recreational and Cultural Committee

* To be General Manager B E S T Bombay on May 1 1954

OFFICERS

Mayor Chinubhai Chimanbhai Sheth, B A
Deputy Mayor Chandrakant Chhotalal Gandhi, B A LL B
Municipal Commissioner, Bhogilal Prabhudas Patel,* B Sc Bar at Law, I C S
Deputy Municipal Commissioner, P R Chauhan B A (Cantab) Bar at Law
Personal Assistant to the Municipal Commissioner G G Shaikh LL B
Dy Chief Officer Shankerlal Panachand Shah, B A
Office Superintendent S L Shastri
Statistician, Vidyadhar Shanker Gandre M A (Bom) A M (Columbia, U S A)
Municipal Chief Auditor Chandulal Bhagubhai Dalal B Com, D I A (Lond)

Dy Municipal Chief Auditor, Pranjivandas Baldevdas Patel, B com, C A
Municipal Secretary, Mukundray Krupashanker Adhyaru, B A (Hons), L S G D
Publicity Officer, Vithalbhai Dharmabhai Patel, B A (Hons), Vinod
Medical Officer of Health, Dr R D Vohra, M B B S, D P H (Lond)
Sr Dy Health Officer (Food), Dr Anuprasad P Dixit, M B B S (Bom) B Sc (Microbiology)
Sr Dy Health Officer, Dr M V Sane M B B S, B Hy
Jr Dy Health Officer Dr A G Purohit, I C P S, L S G D
Officer in Charge, Public Health Laboratory Dr D G Vyas, M B B S (Bom) D T M (Calcutta)
City Engineer, Kantilal M Kantawala, B E, A M I E (India) M I I N S T, M E (Lond)
Dy City Engineers, Girishchandra S Desai, B E (Civil), A M I E L S G D, V I Mone, B Sc, A M I E, Manibhai M Patel B E (Civil), A M I E
Asstt Engineer (Drainage), Mahijibhai M Patel B E (Civil)
Assistant Engineer Ambalal H Patel, B E (Civil)
Garden Superintendent Hariprasad S Thakore, B Ag (II Class)
Workshop Superintendent N C Kothari B E
Assistant Engineer (Water), Maganlal N Bhatt
Assistant Engineers M I Parmar B E N R Chamani K K Sangani N M Kamdar
Superintendent Lighting & Power Plants N P Shah
Transport Manager A M T S Jayant H Shukla B A
Secretary A M T S Punamchand V Sheth, B L L S G D
Works Manager A M T S Michael
Estate & City Improvement Officer, Prabhudas Javerbhai Patel B E L S G D
Sr Asstt to Estate Officer Dunnadas Trikamlal Patel B E (Engg)
Chief Accountant Shankerlal K Patel B Sc
Deputy Accountant, Navnitlal V Parikh B Com
Storekeeper, Ambalal K Patel B Sc, L L B

Adm Officer, School Board, Ahmedabad Municipal Corporation Dahyabhai B Patel B A B T
Chief Inspector, Shops & Establishment Department Govindprasad K Thakor B A L L B
Senior Legal Assistant Natverlal G Patel, B A, L L B
Labour Officer, N M Desai, B A, L L B
Chief Fire Superintendent, Jayendra K Munshi
Asstt Chief Fire Superintendent S M Bharucha
Assessor & Collector, Anandiprasad S Thakor B A
Dy Assessor & Collector, Shantilal Bhaichand Shah B A L L B

CIVIL HOSPITAL, AHMEDABAD

Civil Surgeon Major C B Miller
Resident Medical Officer Dr V A Mansuri
Police Surgeon, Dr R M Thala
Anæsthetist, Dr D R Shirhatti
Blood Transfusion Officer Dr K M Wadhwani
Sub Charge Dr C R Gandhi
B M S (III) Officers Dr R I Vyas Dr I K Thoria
Matron Miss S Chitalkar

AHMEDABAD MILLOWNERS' ASSOCIATION

Post Box No 7 Lal Darwaja, Ahmedabad

Office Bearers

President Surottam P Ruthoosing
Vice President Surottam P Ruthoosing
Members Nanddas Haridas Jayantilal Amritlal Shantilal Mangaldas Ratilal Nathalal Ramanlal Fallubhai Madanmohan Mangaldas Jivakrishna Harivallabhdas Arvindbhai Narottambhai Rasiklal C Nagri Madhusudan Chunnilal Chandrakant Motilal Kanchanlal C Parikh Rohitbhai Chunnibhai Mathuradas Govinddas Ramprasad C Dalal
Secretary M K Desai

EDUCATIONAL INSTITUTIONS

GUJARAT UNIVERSITY

The Gujarat University is a teaching and Affiliating University established in 1949 under an act of the State Legislature and incorporated by the Bombay Government in November 1950

The Affiliated Colleges and Recognised Institutions are The H L College of Commerce, Navrangpura, Ahmedabad 9, The L D Arts College and M G Science Institute, Navrangpura, Ahmedabad 9 The L M College of Pharmacy, Navrangpura, Ahmedabad 9, The L D College of Engineering Navrangpura Ahmedabad 9 The Gujarat College Ellis Bridge, Ahmedabad 6, Sir Fallubhai Shah Law College, Ellis Bridge, Ahmedabad 6, The B J Medical College, Asarwa, Ahmedabad The J A J College of Science and C B Patel Arts Institute, Nadiad The Birla Vishvakarma Mahavidyalaya Vallabh Vidyanagar, *via* Anand, The Vithalbhai Patel Mahavidyalaya, Vallabh Vidyanagar, *via* Anand, The B A College of Agriculture Anand The Petlad College, Petlad The S B Garda College and B P Baria Science Institute, Navsari, The M I B College Athwa Lines, Surat, The K P College of Commerce Athwa Lines Surat The Sarvajanik Law College Athwa Lines Surat The M N College Visnagar Dist Mehsana N G The Samaldas College and Sir P P Institute of Science Bhavnagar, The Bahauddin College, Junagadh, The Dharmendrasinhji College and Kotak Institute of Science Rajkot The M J College of Commerce, Bhavnagar The B J College of Commerce, Vallabh Vidyanagar, *via* Anand Morvi Technical Institute (Engineering College) Morvi (Saurashtra), A G Teachers College, Ahmedabad 9, Darbar Gopaldas Mahavidyalaya Allahabad (Halar) (Saurashtra), R R Lalan Intermediate College, Bhuj (Kutch)

Recognised Institutions —Sheth Bholabhai Jeshingbhai Institute of Learning and Research, Bhadra, Ahmedabad The Physical Research Laboratory, Navrangpura, Ahmedabad 9, Sheth Vadilal Sarabhai General Hospital and Sheth Chimai Maternity Home, Ellis Bridge Ahmedabad

The Senate ordinarily meets once a year in August on a date to be fixed by His Excellency the Chancellor and at such other times, as may be convened by the Vice Chancellor A meeting of the Senate must also be convened on a requisition by twenty five members of the Senate

There are seven faculties, *viz*, Arts including Education Science Technology including Engineering, Agriculture, Law, Medicine and Commerce The executive powers vest in the Syndicate and the Academic Council is the chief Academic body of the University

Ordinarily the period of the tenure of office of members of the Senate is five years, and that of the members of the Syndicate and the Academic Council is three years

Chancellor —Girja Shanker Bajpai, B A (Oxon), B Sc (Allah) I C S, Bar at Law
Vice Chancellor —Harasiddhabhai V Divatia, M A, L L B
Registrar —B A Patel B Sc, B E
Asstt Registrar — J M Mehta B Sc, B T
Librarian —K R Desai
Accountant —B M Patel B Com A C A
Chief Medical Officer —K A Shah M B B S
Dean R C Parikh B A (Hons) *Faculty of Arts* Dr M S Shah M Sc, Ph D *Faculty of Science*, Prin A de Souza B A B L, A M I C E (Lond), *Faculty of Technology including Engineering* Prin M D Patel, M Sc (Cornell), Ph D (Wisconsin), *Faculty of Agriculture* Prin F K Modi (Sardar Davar) B A L L B, Bar at Law *Faculty of Law* Dr M D Patel M B B S F R C S (Eng), D T O (Lond) *Faculty of Medicine*, Prin S V Desai M S (Columbia), *Faculty of Commerce*

SENATE

EX OFFICIO

Girja Shanker Bajpai B A (Oxon) B Sc I C S (*Chancellor*) H V Divatia M A, L L B (*Vice Chancellor*) B A Patel B Sc B E (*Registrar*) Mr Justice J C Shah (*Nominated by the Chief Justice of Bombay*) The Secretary to the Govt of Bombay Education Department (*Nominee of the Minister of Education Bombay*) N J Wadia (*Vice Chancellor University of Bombay*) The Rt Honble Dr M R Jayakar, M A Bar at Law D C L (*Vice Chancellor, Poona University*) C C Hulkoti B A L L B (*Vice Chancellor Karnatak University*) Smt Hansa Mehta B A (*Vice Chancellor, M S University of Baroda*) K M Jhaveri M A, L L B (*Vice Chancellor S N D T University*) N R Trivedi, M A, B A (Cantab) (*Dy Director of Education*) J A Taraporwala B Sc (Bom & Edin), M I (Struct) F E M I C E (Lond) M I I (India) (*Director of Technical Education*) Dr B B Dikshit M B M R C P E (*Surgeon General*) Dr I G Shirname B Ag (Bom) Ph D (Wales), F S S (Lond) F R I Com S (Lond) (*Director of Agriculture*), Dr D G Mulherkar B A (Bom) (*Director of Industries*) I N Mahida B E, M I E I S E (*Chief Engineer with the Govt of Bombay*) H R Desai M Sc (*Conservator of Forests*) Morarji R Desai (*Vice Chancellor Gujarat Vidyapith*)

Principals of Affiliated Colleges —M S Shah, M Sc, Ph D, K I Desai, M A L L B B A (Cantab), M M Thakore, B A, L L B Advocate (O S), I K Modi (Sardar Davar), B A, L L B, Bar at Law, S V Desai M S (Columbia), R D Desai, B A M Sc (Bom), D Sc (Lond), F R I C, F A S C, F I I Sc, F N I, A K Trivedi M A L L B, L M A Menezes M A N G Mohile M A B Sc C V Barve M B B S M S (Bom), R P Patel M Sc Ph D (Lond) Dr K G Naik, M A D Sc (Lond) F R I C B N I M D Patel M Sc (Cornell), Ph D (Wisconsin) N M Shah, B A (Bom), M A (Cantab), F R A S S B Junnarkar B A B Sc (Engg) (Lond) A D Souza B A, B E (Civil) M A I C E (Lond) J N Dharap M A G R Kotwal, B A, D Lit, J B Sandil M Sc, M B Desai M Com, Ph D S S Bhatia B Sc, B Engg (Sheffield) B I (B P) A M I Mech Engg, B Engg First Class (Lond) I R Desai B A, B T, I D (Lond), D R Mankad, M A K V Desai, M Sc

Heads of Recognised Institutions —R C Parikh B A (Hons) Dr K R Ramanathan M A, D Sc, Dr M D Desai, M S F R C S, M Ch (Orth)

Class II—Ordinary Members - 4 (*i*) *Elected by Secondary Teachers of High Schools* (4) T S Trivedi MA, Govindlal G Desai (Vacant), Chhotabhai S Patel BA SEC, A (*ii*) *Elected by Headmasters of High Schools* (2) Jinabhai R Desai Ratilal M Trivedi BA A (*iii*) (*a*) *Elected by teachers in the Faculty of Arts including Education* (6), Santprasad R Bhatt, MA Anantrai M Raval, MA, Yaswant P Shukla, MA Vishnuprasad R Trivedi, MA (Vacant) M J Pathakji MA LLB, (*b*) *Elected by teachers in the Faculty of Science* (6), Mahadeo D Avasare BA, MSC, PhD, Yashvantrai G Naik MSC, PhD, Chhotubhai M Desai BSC PhD, Dhanjibhai Lakirbhai BSC Ashvinkumar M Trivedi, MSC (Bom), PhD (Edin) J D Oza MSC (*c*) *Elected by teachers in the Faculty of Technology including Engineering* (4), K V Kardile BSC (Bom) BSC (Eng), MIE Ram Das Gulatee, BSC (Manchester), Manubhai M Patel, BE (Mech), BE (Elec) AMIE, MMIA, (*d*) *Parbhubhai G J Kutkarni Elected by teachers in the Faculty of Agriculture* (2) I Patel MSC (Agri) (Iowa) Chandulal C Shah, MSC PhD, FRIC (*e*) *Elected by teachers in the Faculty of Law* (2) Lalitmohan C Gandhi MA, LLB BSC Girishandra M Vakil BA LLB, (*f*) *Elected by teachers in the Faculty of Medicine* (4), Dr Sarosh B Ankleswaria, MD, FCPS (Bom), Dr Narendra H Desai MBBS (Bom), MD (Lond) MRCP (Lond), Dr Motibhai D Patel MBBS, FRCS (Eng), DLO (Lond), Dr Vithalbhai J Patel MD (Bom) (*g*) *Elected by teachers in the Faculty of Commerce* (2) Vasant N Joshi MA Chandraprasad R Lakhia BCOM GDA CA *Elected by Municipal School Boards of Authorised Municipalities* (2) Bhiarilal P Shah BA LLB, Smt Jyotsnaben Shukla *Elected by District School Boards* (2) Rimanlal M Gandhi BSC, LLB Ramchandra D Shukla MA LLB *Elected by the Bombay Legislative Assembly* (4) Mansinh P Patel MLA Chhotubhai M Patel MLA Ramanlal P Soni MLA Madhavlal B Shah, MLA *Elected by the Bombay Legislative Council* (1) Prabhudas B Patwari MLC, *Elected by the Ahmedabad Millowners Association* (1), Shethi Navinlal S Shodhan *Elected by the Registered Trade Unions* (1) Somnath P Dave BA LLB *Elected by the Registered Graduates* (*i*) *under the Faculty of Arts including Education* (4), Bablu K Muzumdar MA, Chandulal B Patel BA Sankalchand M Shah MA Manibhai K Desai, BA LLB (*ii*) *under the Faculty of Science* (2), Arvind N Sheth BSC Natverlal C Desai MSC (*iii*) *under the Faculty of Technology including Engineering* (2) Chakorlal A Desai BSC (Eng) Girishandra S Desai, BE (Civil) (*iv*) *under the Faculty of Agriculture* (2), Hiralal M Desai BAG, Gordhandas B Patel BAG (Bom) MSC (Calif U S A) (*v*) *under the Faculty of Law* (2) Batubhai H Desai BA LLB Himatlal P Shukla BA LLB (*vi*) *under the faculty of Medicine* (2) Chumbhai S Patel MBBS (Bom) LRCP FRCS Hiralal D Patel, MBBS (Bom) DO (Oxon) DOMS (Eng) (*vii*) *under the Faculty of Commerce* (2) Jethalal J Gandhi Kantilal C Shah, MCOM

Nominated by the Chancellor (20) —Ganesh Vasudev Mavalankar, BA LLB R M Parikh MS FICS The Minister of Education, Govt of Saurashtra Dinodarlal Sharma, BA (Dip), Ed (Edin), BED (Hons) The Minister for Industry and Commerce, Govt of Saurashtra Balwantrai Gopalji Mehta, BA, Dr Pranjivan M Mehta, MD MS FCPS, Smt Indumatiben Chimanlal, Sheth Kasturbhai Lalbhai Sheth Amritlal Hargovandas BA, LLB Popatlal G Shah MA BSC Magunbhai P Desai, BA, Bhailalbhai D Patel Dr Vikram A Sarabhai PhD, Saiyad Abduzafar Nadvi Dr Bhasker R Patel MD, MRCP TDD Muldas B Vaishya Vallabhram V Vudya Dhirubhai M Desai, Parikshitlal Mazumdar

SYNDICATE

EX OFFICIO

Harsiddhabhai V Divatia, MA LLB (*Vice Chancellor*) (Vacant) (*Rector*) N R Trivedi, MA, BA (Cantab) (*Dy Director of Education*)

Dean elected by the Deans of Faculties (1), Dr M D Patel, MBBS, FRCS (Eng), DLO (Lond), *Members elected by the Senate* (8), B K Muzumdar, MA, Batubhai H Desai, BA, LLB, Sheth Amritlal Hargovandas, BA, LLB, Bhailalbhai D Patel, Maganbhai P Desai, Smt Indumatiben Chimanlal, Dr Bhasker R Patel MD MRCP TDD, Popatlal G Shah MA, BSC

Principals elected by the Principals of Colleges in the Gujarat University Area (5), S V Desai, MS (Columbia) (*Faculty of Commerce*), S B Junnarkar, BA, BSC (Eng) (Lond) (*Faculty of Technology including Engineering*), R P Patel, MSC, PhD (Lond) (*Faculty of Medicine*), N M Shah, BA (Bom), MA (Cantab) (*Faculty of Arts including Education*), M M Thakore, BA, LLB, Advocate (O S) (*Faculty of Law*)

ACADEMIC COUNCIL

EX OFFICIO

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Gujarat Vernacular Society, Bhadra, Ahmedabad

The Gujarat Vernacular Society, which was founded in December 1848, by Col A K Forbes with the object of promoting learning and literature in Gujarat started in 1938, a research and post graduate department under the guidance of the late Dr Anandshanker B Dhruva, the retired Pro Vice Chancellor of the Benares Hindu University, who was also its first Hon Director The department, at its inception was helped by the Government of Bombay with a non recurrent grant for library as also a recurrent grant The object of the department is to promote higher learning and research in Gujarat Its research scheme which was approved by the Government provides for work in (1) language and literature, (2) history (3) sociology, (4) religion and philosophy The department also provides instruction for the M A Degree of the Bombay University in Sanskrit, Gujarati, Ardhamagadhi, Ancient Indian Culture as also for the Ph D Degree in Sanskrit This department was transformed into the Sheth Bholabhai Jeshingbhai Institute of Learning and Research with the help of the liberal donation of Sheth Bholabhai Jeshingbhai Dalal in 1946 Its opening ceremony was performed by Mr B G Kher The object of the institute is to develop the present activities of the department and also extend them in other fields of humanistic learning

The institute arranges for extension lectures and provides facility to research scholars in the prosecution of their work and has got a publication department of its own

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Ahmedabad 9

The Arts college was started in 1937 by the Ahmedabad Education Society with the help of a donation of Rs 2 lakhs offered by Sheth Chimanbhai Lalbhai, Sheth Kasturbhai Lalbhai and Sheth Narottambhai Lalbhai

The college is permanently affiliated to the University of Gujarat and offers courses leading up to the B A Degree (General and Honours) in English, Sanskrit, History, Economics, Mathematics, Gujarati, Ardhamagadhi, Philosophy Geography, and Hindi

Students are admitted to the college also for M A in English, Economics, Mathematics, Sanskrit, Ardhamagadhi and Philosophy and for Ph D in Ardhamagadhi

The Sheth Mafatlal Gagalbhai Science Institute was also started by the Ahmedabad Education Society in June 1946 with the help of a donation of Rs 7 00,000 received from Sheth Navinchandra Mafatlal, and is named after his late father This institution is permanently affiliated to the University of Gujarat and offers courses leading upto the B Sc degree in Mathematics, Chemistry Physics and Geology as principal subjects and Botany, Zoology and Geography as subsidiary subjects

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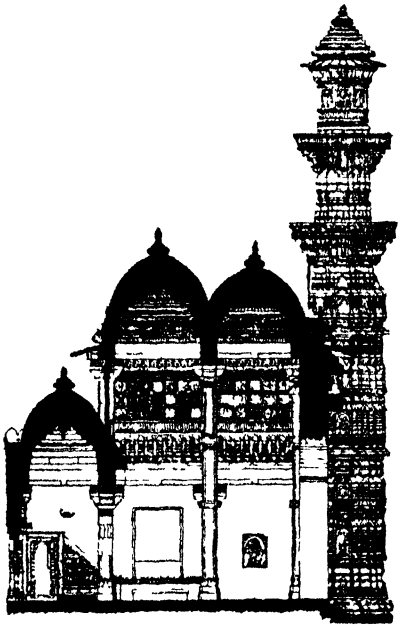

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M C Shah & Co Chief Agents Bombay Mutual, 54, Gandhi Road, Richey Road, Ahmedabad

Mehta Brothers & Co , 698, Reid Road, Ahmedabad

Mehta Parikh & Co , Kapasia Bazar, Ahmedabad

Mercury Enamel Works, Enamel Sign Manufacturers Maninagar, Ahmedabad 8

Merit Oil Trading Co , Ltd , The, 2168, Reid Road, Ahmedabad

Mistri Mangaldas Jethabhai & Brothers, Dariapur, Chakla, Ahmedabad

Mistry Baboorao Balwantrao Chauhan Bombaywala, Baboorao Kabadi Market (New Gujri Association), Mirzapur Road, Bakarali Wadi, near General Post Office, Ahmedabad 1

Mistry and Gajjar (India) Ltd , Sarkigarani Wadi, Outside Sarangpur Gate, Ahmedabad

Mody & Co , 629 2-3, Companywala Market, Kapasia Bazar, Ahmedabad

Mohanlal Chunilal & Co , Manek Chowk, Ahmedabad

Mohanlal & Co , Pankore Naka, Ahmedabad

Monogram Mills Co Ltd , Rakhial Road, Gomtipur, Ahmedabad 10 Manufacturers & Exporters of Cotton Textiles

Morris Transport Service Ltd , Biradari Compound, Lal Darwaja, Ahmedabad

Motiji Bhabhutmal & Co , B 8, Maskati Market, Ahmedabad

MOTOR UNION INSURANCE CO , LTD , for Motor and Fire Insurance, Cross Lane, Station Road, Ahmedabad

Muljibhai Shivji & Co , behind Gujrat College, near Sharda Mandir, No 354/1, Ahmedabad

M Kantilal & Co , Pankore Naka, above Ghanchil s Wadi, Ahmedabad

M Parikh & Co , Talshanker s Compound, Ellis Bridge, Ahmedabad

M Sharma & Co , No 1779, Gandhi Road, opp Chaturbhuj Mandir, P O Box No 71, Ahmedabad

M Vadilal & Co , Raj Bhuvan, outside Delhi Gate, Ahmedabad

M Vadilal & Co , Tankshal, Kalupur, Ahmedabad

Nagardas & Co , Dhanlaxmi Market, Ahmedabad

Nagindas Kilabhai & Co , 697/14, Reid Road, Ahmedabad

Nagri Mills Co , Ltd , Gomtipur Road, Ahmedabad

Nanavati & Co , Ltd , Maskati Market, Ahmedabad

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Narendra & Co , Dalal Building, Kapasia Bazar, Ahmedabad Indentors and Importers of Heavy Chemicals and Exporters of Forest Products

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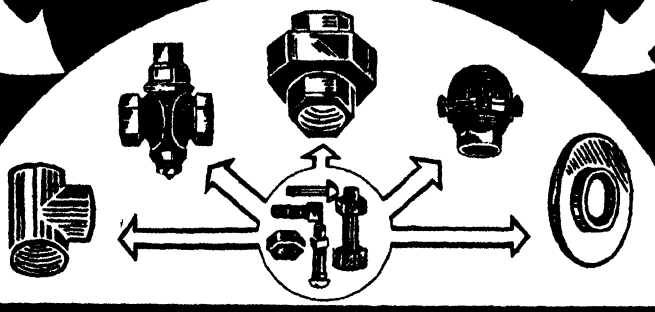

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Natwarlal Shamaldas & Co , Golwad Naka, Khadia, Ahmedabad

Navinchandra Chandulal & Co , Manek Chowk, opp Share Market, Ahmedabad

Navinchandra C Jhaveri & Co , Fani Bunda Building, Railwaypura, Ahmedabad.

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New Citizen Bank of India Ltd , opp Ratan Pole, Gandhi Road, Ahmedabad

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New India Assurance Co , Ltd , opp Fuvara, Gandhi Road, Ahmedabad

New Way Publicity Co , Mirzapur Road, Ahmedabad

New Zealand Insurance Co , Ltd , Sir Chinubhai Building, Revdi Bazar Cross Lane, Ahmedabad

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Panchal Poonjabhai Vanmali & Sons, Ghee Kanta Road, Ahmedabad.

Pandit Shah & Co , Three Gates, Ahmedabad

Pandyan Insurance Co , Ltd , 1761, Gandhi Road, Ahmedabad

Pathak & Co , Bhadra, Mission Road, Ahmedabad

Pearl Assurance Company Ltd , 649, Nanavati Building, Richey Road, Ahmedabad

Pereira Fazalbhoy & Co , Allahabad Bank Building, Pankore Naka, Ahmedabad

Pickers Ltd , Ellis Bridge, Manufacturers of quality Pickers, Ahmedabad 6

Pioneer Textiles Co , Hari Sadan, Panchkuva, Char Rasta, Ahmedabad

Popatlal Girdharilal & Co , Hava Building, Kapasia Bazar, Ahmedabad

Purshottamdas G Gajjar, 500, Reid Road, Ahmedabad Manufacturers of Antiseptics & Disinfectants

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Rajnagar Electric Co , opp Richey Road, Ahmedabad

Rajnikant Hasmukhlal & Co , Cross Lane, Ahmedabad

Ramanlal G Shah & Co , Sankdi Sheri, Ahmedabad

Ramanlal Nagindas Shah & Co , Ghee Kanta Road, opp Pitalia Bumba in Vanda, Ahmedabad

Ramanlal Sankalchand & Co , 2191, Reid Road, Ahmedabad

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R Mehta & Co , Stationers, Printers and Paper Merchants, Fernandez Bridge, Ahmedabad Telephone 2867

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Sarabhai Ratilal & Co , Revdi Bazar, Ahmedabad

Sarangpur Cotton Manufacturing Co , Ltd , Kankaria, Ahmedabad

Satilal C Chokshi & Co , Manek Chowk, Ahmedabad

Sentinel Assurance Co , Ltd , R 695, Reid Road, Ahmedabad 2

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Shah Transport Service Co , Sheth's Pole, Ratan Pole, Ahmedabad

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Shri Krishna Roller Flour Mills, opp Telia Mills, outside Kalupur Gate, Ahmedabad

Shri Mahaluxmi Engineering Works, outside Delhi Gate, opp Painter Garden, Ahmedabad

Shri Shakti Timber Mart, near Gita Mandir, Ahmedabad

Shri Vivekanand Mills Ltd , Rakhilal Road, P O Gomtipur, Ahmedabad 10

Shums Trading Co , The, Pankore Naka, Bangdi Bazar, Ahmedabad

Silver Cotton Mills Co , Ltd , Kankaria Road, near Jaganath Mahadev, Ahmedabad Cotton Piece-goods Manufacturers

Standard Materials Co , Narottam Building, Kapasia Bazar, Ahmedabad

Standard Sales Agency, 1952/11, Khadia, Char Rasta, Ahmedabad

Studebaker & Morris Agency (Gujrat), Lal Darwaja, Ahmedabad

Subodhchandra Popatlal, opp Maskati Market, P O Box No 1014, Ahmedabad

Sultanali Gulamhussen & Sons, Fernandez Bridge, Ahmedabad

Suman Publicity Co , Revdi Bazar, Ahmedabad

Swastik Textile Trading Co , Ltd , Motilal Hirabhai Market, Railwaypura Post, Ahmedabad 2

S D Patel & Co , Bhadra, Ahmedabad

S G Hussain & Sons, Sakar Bazar, Ahmedabad

Shankerlal & Co , 2727/1, Lokhand Bazar, Ahmedabad

S Master & Sons, Station Road, Ahmedabad

S Shantilal & Co , Ghee Kanta Road, Pankore Naka, Ahmedabad

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Textile Works Ltd , The, Hava Building, Kapasia Bazar, Ahmedabad

Trikamlal Mahasukhram & Co , 20, Rangwala Market, Ahmedabad

Tropical Insurance Co , Ltd , The, 571/2, Reid Road, Ahmedabad

T Mahadovio & Co , Railwaypura Post, Ahmedabad

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United India Life Assurance Co , Ltd , Inside Panchkuva, Ahmedabad

United Trading Co , The, Dr Motibai Road, Ahmedabad

Universal Watch Co , Richey Road, Ahmedabad

Venus Textile Syndicate, Prajapati Building, Panchkuva, Ahmedabad

Vijaya Mills Co , Ltd , Naroda Road, Ahmedabad

Vinubhai & Co , Kapasia Bazar, Ahmedabad

Vulcan Insurance Co , Ltd , Karanj, Bhadra, Ahmedabad

Wadia, A D , & Sons, Kankaria Road, Ahmedabad

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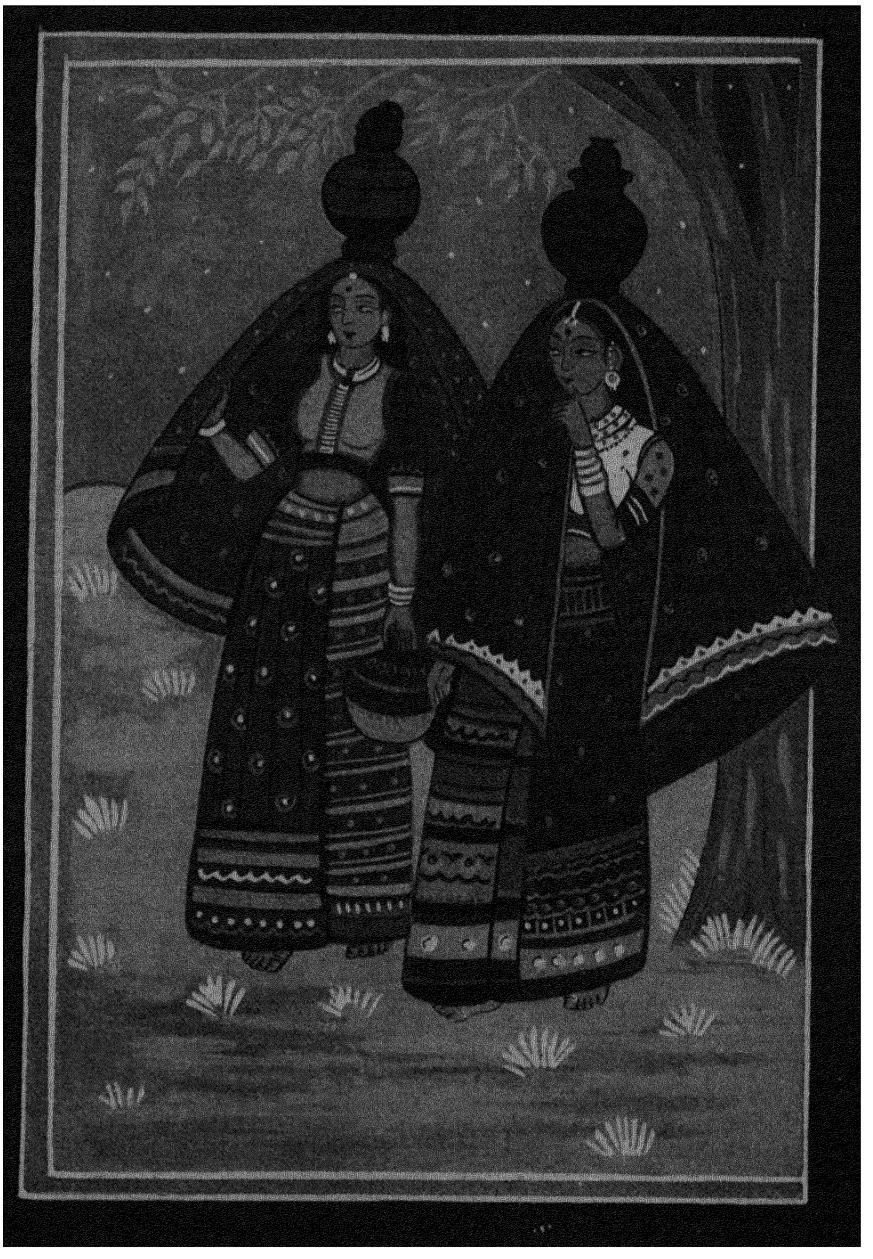

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BOBBINS & SHUTTLES

Swastik Textile Trading Co, Ltd, Motilal Hirabhai Market, Railwaypura Post, Ahmedabad 2

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Machine Tools & Hardware Corporation, Reid Road, Railwaypura Post, Ahmedabad

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Jehangir Bros, Ahmedabad 2

Popatlal Punjabhai & Co, Kapasia Bazar, Railwaypura Post, Ahmedabad 2

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Pathak & Co, Bhadra, Mission Road, Ahmedabad

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CLOTH MERCHANTS

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Shah Mansukhlal, Maganlal, Outside Maskati Market, Ahmedabad

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COTTON MILLS

Ahmedabad Advance Mills Ltd, Spindles 44,224, Looms 1,016, (Mg Agents Tata Industries, Ltd, Bombay House, 24, Bruce Street, Fort, Bombay), Mill at Shahibag Road, outside Delhi Gate, Ahmedabad

Ahmedabad Cotton Mfg Co, Ltd (Bagicha Mill), Spindles 24,200, Looms 516 Agents Amritlal Hargovandas & Bros, Ltd., Office on Mill Premises, outside Sarangpur Gate, Ahmedabad

Ahmedabad Jaybharat Cotton Mills Ltd (formerly Bharat Laxmi Cotton Mills Ltd), Spindles 37,208, Looms 688 Agents Messrs Parakh Fabrics Ltd, 28, Apollo Street, Fort, Bombay Mill beyond Kankaria Railway Siding, Mithipur, Ahmedabad

Ahmedabad Jupiter Spg, Wvg & Mfg Co, Ltd, Spindles 29,508, Looms 667 Agents M Parakh & Co, 28, Apollo Street, Fort, Bombay Mills at Dudheshwar Road, Ahmedabad

Ahmedabad Kaiser-i Hind Mills Co, Ltd (formerly Ahmedabad Merchants Spinning Mills Co, Ltd), Spindles 20,712, Looms 432 Agents Ramanlal Kanaiyalal & Co Ltd, outside Raipur Gate, Ahmedabad

Ahmedabad Laxmi Cotton Mills Co, Ltd, Spindles 26,924, Looms 592 Agents Hariprasad Jayantilal & Co, Ltd, outside Raipur Gate, Ahmedabad

Ahmedabad Manufacturing and Calico Printing Co, Ltd, Calico Mills and the Jubilee Mills, Spindles 139,120, Looms 2,370 Agents Karamchand Premchand Ltd, Post Box No 12, Ahmedabad

Ahmedabad New Cotton Mills Co, Ltd, Spindles 20,116, Looms 448 Agents Narottam Chandulal & Co, Ltd, Mills near Khokra, Mehmedabad, Ahmedabad

Ahmedabad New Textile Mills Co, Ltd, Nos 1 & 2 (formerly Javeri Spg & Mfg Co, Ltd), Spindles, 36 860, Looms 902 Agents Narayanlal Jivanlal & Co Ltd, outside Raipur Gate, Ahmedabad

Ahmedabad Sarangpur Mills Co, Ltd, Spindles 30,928, Looms 590 Agents Himatlal Motilal & Co, Ltd, outside Raipur Gate, Ahmedabad

Ahmedabad Shri Rama Krishna Mills Co, Ltd, Spindles 28,692, Looms 504 Agents Chimanlal Manekial & Co, Ltd, Gomtipur Road, Ahmedabad

Ajit Mills Ltd, Spindles 23,868, Looms 513 Agents Chinubhai Naranbhai & Co, Ltd, Rakhial Road, Ahmedabad

Ananta Mills Ltd, Spindles 19,208, Looms 450 Agents Jayantilal Amratlal Ltd, Post Box No 42, Ahmedabad Mill at Rakhial Road, Ahmedabad

Aruna Mills Ltd, Spindles 42,768, Looms 912 Agents P M Hutheesingh & Sons Ltd, Post Box No 57, Ahmedabad, Mills at Naroda Road, Ahmedabad

Arvind Mills Ltd, Spindles 62,448, Looms 1,216 Agents Narottam Lalbhai & Co, Naroda Road, Ahmedabad

Aryodaya Ginning and Mfg Co, Ltd (formerly Ahmedabad Vyapar Ootejack Spinning & Mfg Co Ltd), Spindles 35,884, Looms 884 Agents Mangaldas & Brother Ltd, Asarva Road, Ahmedabad

Aryodaya Spinning and Weaving Co, Ltd (Nos 1 & 2), Spindles 47,204, Looms 968 Agents Mangaldas & Balabhai & Co., P O Box No 146, Ahmedabad Mills at Asarva Road, Ahmedabad.

Asarwa Mills Ltd (No 1) (formerly Hitwardhak Cotton Mills Co, Ltd, Spindles 27,836, Looms 593 Agents Chhotabhai Patel & Co, Ltd), Kodak House, Hornby Road, Fort, Bombay Mills at Asarwa Road, Ahmedabad

Asarwa Mills Ltd. (No 2) (formerly Shrinagar Mills Ltd), Spindles 18,812, Looms 436 Agents Chhotabhai Patel & Co, Ltd, Kodak House, Hornby Road, Fort, Bombay Mills at Railwaypura

Asoka Mills Ltd, Spindles 37,368, Looms 912 Agents Lalbhai Dalpatbhai & Co, Post Box No 55, Ahmedabad, Mills at Naroda Road, Ahmedabad

Bechardas Spg & Wvg Mills Co, Ltd, Spindles 19,320, Looms 456 Agents Durgaprasad S Lashkari & Co, Rakhial, Ahmedabad

Bhalakia Mills Co, Ltd, Spindles 18,580, Looms 400 Agents Chandulal & Co, Ltd, Kankaria Road, Ahmedabad

Bharat Suryodaya Mills Co, Ltd (formerly India Spg & Wvg Co, Ltd) Spindles 15,768, Looms 412, Agents Chaturbhujdas K M & Co, Managing Agents, Post Box No 125, Ahmedabad

Bharatkhand Textile Mfg Co, Ltd, Nos 1 & 2, Spindles 33,656, Looms 914 Agents Jivanlal Girdharlal & Co, Ltd, Post Box No 30, Ahmedabad Mills at Camp Road, Ahmedabad

Bihari Mills Ltd, Spindles 18,240, Looms 440 Agents Motilal Harilal & Co Ltd, P O Box No 4, Ahmedabad Mills near Khokra, Mehmedabad, Ahmedabad

City of Ahmedabad Spg & Mfg Co, Ltd, Spindles 26 220, Looms 367 Agents Chamanlal Mangaldas & Sons, Kankaria Road, Ahmedabad

Commercial Ahmedabad Mills Co, Ltd, Spindles 30,264, Looms 616 Agents Dhanjibhai & Tricumlal & Co, Ltd, outside Prem Darwaja, Ahmedabad

Fine Knitting Co, Ltd, Spindles 9,000 Agents H Keshavlal & Co, near Chamunda Mata, Post Asarwa, Ahmedabad

Girdhardas Harivallabdas Mills Ltd (formerly Rajnagar Mills No 2), Spindles 21,808 Agents Chamanlal Mangaldas & Co, near Idga Gate, Ahmedabad

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Gujarat Ginning & Mfg Co Ltd , Spindles 25,232, Looms 644 Agents Jamnabhai Mansukhbhai & Co , outside Prem Gate, Ahmedabad

Gujarat Hosiery Factory, Spindles 10,620 Owners C C Dalal & Co , Rakhial Road, Ahmedabad

Gujarat Spg & Wvg Co , Ltd , Spindles 28,792, Looms 672 Agents Jamnabhai Mansukhbhai & Co , outside Kalupur Gate, Ahmedabad

Harivallabhdas Mulchand Mills Co , Ltd , Spindles 18 608, Looms 430 Agents Girdharlal Harilal & Co , outside Dariapur Gate, Ahmedabad

Hathisingh Mfg Co, Ltd , Spindles 19 880 Agents Manekla1 Mansukhbhai & Co , Post Box No 2 Ahmedabad Mills near Saraspur Gate, Ahmedabad

Himabhai Mfg Co , Ltd , Spindles 18 760, Looms 436 Agents Dhirajlal Khushaldas & Bros , near Saraspur Gate, Ahmebadad

Jehangir Vakil Mills Co , Ltd , Spindles 36,168, Looms 761 Agents Rustomji Mangaldas & Co , Ltd , outside Delhi Gate, Ahmedabad

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Jitendra Mills Ltd (formerly Astodia Mills Ltd) Spindles 3 600 Hon Liquidator, N K Jhaveri, 2972 Ratanpole, Ahmedabad Mills at Astodia Gate

Kalyan Mills Ltd (Deepak Textile Industries Ltd), Leaseholders, Spindles 14,448, Looms 393 Director in Charge H A Mehta, 10 Camp Ahmedabad Mills at Naroda Road, Ahmedabad

Lalbhai Tricumlal Mills Ltd , Spindles 29,936, Looms 784 Agents Chinubhai Lalbhai & Bros Ltd , Rakhial Road, Ahmedabad

Maheshwari Mills Ltd (formerly Ahmedabad Cotton & Waste Mfg Co , Ltd), Spindles 21 032 Looms 528 Agents Dhirajlal Khushaldas & Co , Post Box No 79, Ahmedabad Mill at Shahibaug Road, Ahmedabad

Manecklal Harilal Spg & Mfg Co , Ltd , Spindles 36,836, Looms 750 Agents Harilal Harivalhabhdas & Co , Saraspur, Ahmedabad

Manekchowk & Ahmedabad Mfg Co , Ltd , Nos 1 & 2, Spindles 31,128, Looms 832 Agents Hiralal Tricumlal & Sons, Outside Dariapur Gate, Ahmedabad

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New National Mills Ltd , Spindles 22 980, Looms 474 Agents Trikamlal Bhogilal Sons & Co , Rakhial Road, Ahmedabad

New Rajpur Mills Co , Ltd (formerly Rajpur Mill Ltd), Spindles 23,688, Looms 524 Agents Bhikhabhai Jivabhai & Co , Ltd , Gomtipur Road, Ahmedabad

New Swadeshi Mills of Ahmedabad, Ltd (formerly Ahmedabad Swadeshi Spg & Mfg Co , Ltd), Spindles 38 240, Looms 848 Agents The Cotton Agents Ltd , Imperial Bank Building, Bank Street, Fort, Bombay Mills at Naroda Road, Ahmedabad

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Rajnagar Spg , Wvg & Mfg Co , Ltd Nos 1 & 2, Spindles 45,568, Looms 1 096 Agents Mangaldas Girdhardas Parekh, Ltd , near Idgah Gate, Ahmedabad

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Sarangpur Cotton Mfg Co , Ltd , Nos 1 & 2, Spindles 64 504, Looms 1,449 Agents Sakarlal Balabhai & Co , Ltd , outside Rajpur Gate, Ahmedabad

Saraspur Mills, Ltd (formerly Saraspur Manufacturing Co , Ltd) Spindles 39,196, Looms 824 Agents Lalbhai Dalpatbhai Sons & Co , near Saraspur Gate, Ahmedabad

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Shree Sardar Spg & Wvg Mills (formerly National Mills Co , Ltd), Spindles 19,712, Looms 496 Owners Bhausaheb Deshai Bros , Gomtipur Road, Ahmedabad

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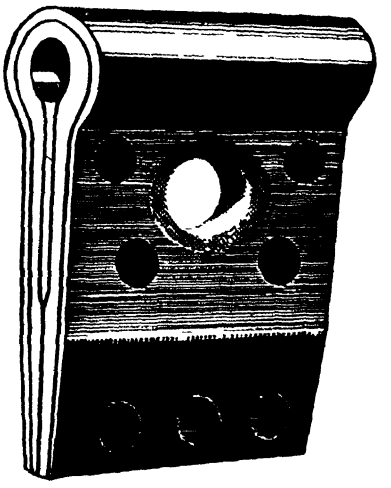

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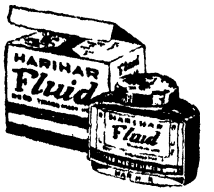

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C Mehta & Co, Gandhi Road, opp Post Office, Ahmedabad

SURGICAL INSTRUMENTS

Bharat Trading Co, 529/1-2, outside Panchkuwa, Ahmedabad Grams "Hindbhumi"

TEA & COFFEE MERCHANTS

Gujrat Tea Depot Co, 60, Pritamnagar, Ahmedabad

TEXTILE AUXILIARIES MFRS. & DEALERS

EASTERN DYES & CHEMICALS CO, Vakil Building, Khadia, Char Rasta, Gandhi Road, Ahmedabad

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Bharatkhand Textile Mfg Co, Ltd, Camp Road, Ahmedabad

India Textile Machinery Manufacturing Corporation, Gheekanta, opp Pitalia Bumba, Ahmedabad

Kanyalal Mohanlal, outside Sarangpur Gate, Ahmedabad

Karsandas Vahaljibhai Thakkar, Sarangpur Sathi, Ahmedabad

Ladia Lalbhai Bhogilal, Sarangpur, Ahmedabad.

Lalbhai M Desai, near Gita Mandir, Ahmedabad.

Sankalchand Atmaram Patel, Sarangpur Lathi Bazar, Ahmedabad. Phone 5428

Serampore Textile Mills Ltd, Astodia Mills Estate, Astodia, Ahmedabad

Shree Shakti Timber Mart, near Gita Mandir, Ahmedabad.

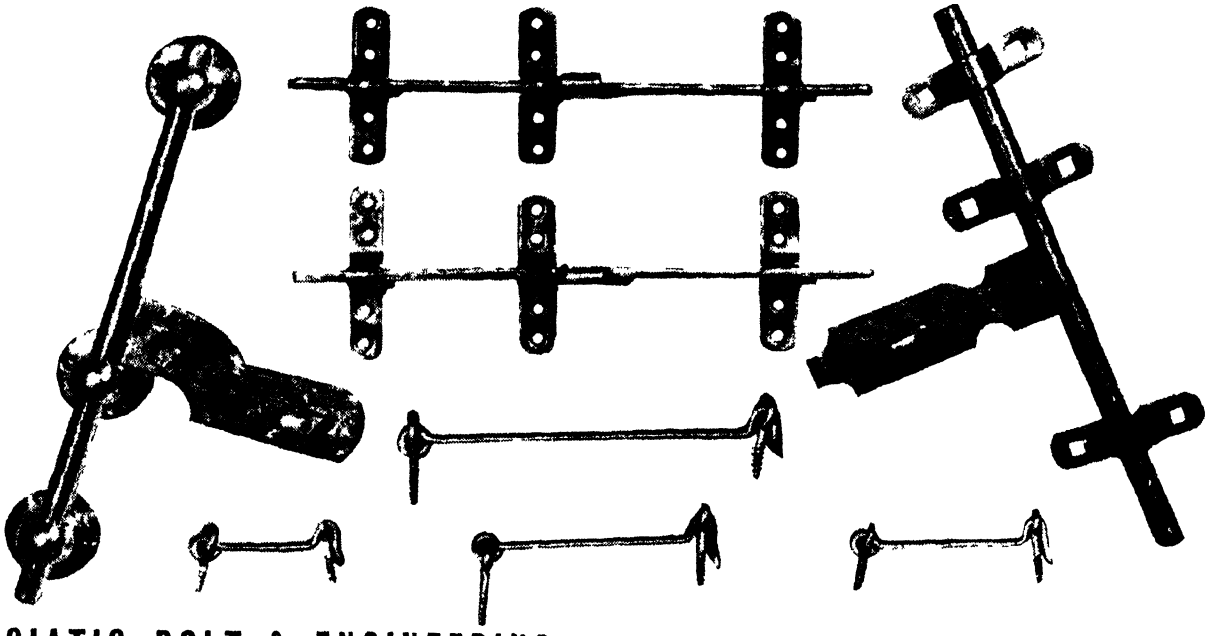
Textile Wood and Engineering Works, The, Char Rasta, Panchkuwa, Ahmedabad.

TIMBER MERCHANTS

Ladia Lalbhai Bhogilal, Sarangpur, Ahmedabad 2

TOILET REQUISITES & CUTLERY DEALERS

Bharat Trading Co, 529/1-2, outside Panchkuwa, Ahmedabad. Grams. "Hindbhumi" Regular Stocks in Cuticura Powder, Soap, Forhans and Listerine Tooth Pastes, Pond's Creams, Yardley & Cussons Preparations, Bonus, Bicycle and Caravan Playing Cards, 7 O'clock and Gillette Blades and Razor Sets



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Universal Watch Co, Richey Road, Ahmedabad

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Auto Reliance Engineering and Welding Co, Revdi Bazar Cross Lane, Ahmedabad

Electro Technics and Engineering Co, P O Box No 98, Madhav Baug, Ahmedabad

YARN MERCHANTS

Chunilal Khushaldas, Manek Chowk, Ahmedabad

Harilal & Co, Kapasia Bazar, Railwaypura Post, Ahmedabad

Natverlal Gordhandas, Revdi Bazar, Ahmedabad

BANKS

IMPERIAL BANK OF INDIA

BHADRA OFFICE —*Agent* D A Ripp, *Accountant* L P Jai, *Asstt Accountant* K S R Gupta, *Head Cashier* H J Shah

AHMEDABAD STATION BRANCH —*Agent* Q M Shah, *Head Cashier* I M Raja

BANK OF INDIA

BHADRA OFFICE —*Agent* T D Kansara, M A (Cantab), B Sc, *Joint Acctts* K P Shah, B A (Hons), B Com, S B Kaji, M Com, *Cashier* D G Patel, *Asstt Acctts* A G Patel, B G Karnik, B A, B Com, B M Desai, B A, N K Shah, J C Shah, B Com, N C Parikh, D N Shukla, B Com

STATION SUB-BRANCH —*Sub-Agent* C H Paymaster, *Acctt* C M Mehta, B A, LL B, *Asstt Acctt* B G Patel, B A

MANEK CHOWK SUB BRANCH —*Sub Agent* M. C Makin, *Acctt* K M Desai

ELLIS BRIDGE SUB BRANCH —*Sub-Agent* F K Mehta

GANDHI ROAD SUB BRANCH —*Sub Agent* K P Shroff

BANK OF BARODA, LTD

BHADRA OFFICE —*Agent* K M Chokshi, B A, C A I B (Lond), A I I B, *Accountant* V N Thakker, B Com, C A I I B, *Cashier* G G Dalvi

PANCHKUVA SUB-OFFICE —*Agent* K B Mehta, B A, *Accountant* J J Bhatt, B A, C A I I B

CENTRAL BANK OF INDIA, LTD

AHMEDABAD —*Agent* V C Patel, *Acctt* N P Gheyara, B A, LL B, *Chief Cashier* R S Panthaky

MASKATI MARKET —*Agent* P D Green, B A, LL B, *Acctt* B K Trivedi, B A

DEVKARAN NANJEE BANKING CO, LTD

RICHEY ROAD BRANCH *Manager* R R Trivedi, A I I B, *Accountant* C V Ramaseshan

MASKATI MARKET —*Accountant* Nanubhai G Shah, B A, C A I I B

MANEK CHOWK —*Accountant* B C Patel

DELHI CHAKLA —*Accountant* K V Shah

ALLAHABAD BANK LTD

Agent B D Tandon, *Head Cashier* K S Soni

UNITED COMMERCIAL BANK LTD

MAIN OFFICE (BHADRA) —*Manager* D G Bhuptani, B Com, A I I B, *Accountant* K P Patel, C A I I B, *Assistant Accountants* U B Gandhi, K M Parikh *Chief Cashier* N H Lakhia

MANEK CHOWK SUB BRANCH —*Officer in Charge* H H Shroff B A, C A I I B, *Accountant* B M Mody, B A

MASKATI MARKET SUB-BRANCH —*Officer in Charge* N G Dave, *Accountant* M D Dhruva

*

AHMEDNAGAR DISTRICT

Headquarters Ahmednagar

Talukas Nagar, Rahuri, Newasa, Shrirampur, Sangamner, Akola, Kopergaon, Sheogaon, Pathardi, Jamkhed, Shrigonda, Parner, Karjat

Ahmednagar, a border District in the Marathi speaking area of the Deccan, lies between North Lat 18°20 and 20° and East Long 73°43' and 75°41 It is bounded on the north and north west by Nasik District, on the north east by the river Godavari, on the south east and south west by Hyderabad State and Sholapur and Poona Districts The principal geographical feature is the chain of Sahiyadri Hills and the river Godavari Despite the fertility of its soil the District is liable to famine owing to uncertain and scanty rainfall A large part of the District is irrigated by the confluence of the rivers Godavari and Pravara which has encouraged sugar cane plantation on a wide scale The total area irrigated is 92,559 acres, yielding a revenue of Rs 31,80,081

The area of the District is 6,602 sq miles and the population according to the 1951 census is 1,410,873 registering a rise of 23 5 per cent over the 1941 census figure The language spoken is Marathi

Industrially the northern part of the District is fairly well developed There are seven large scale sugar factories and two first class and up to date tanneries Leather from these tanneries is exported mainly to Pakistan The hand power woollen carpet factory at Kendal in Rahuri Taluka exports carpets to foreign countries Ahmednagar Bhingar, Pathardi and Sangamner are the four main centres of handloom weaving industry, the total number of handlooms being 4,500 There are three power loom factories at Ahmednagar

Ahmednagar city, the headquarters, has a population of 80,873, and the population of the cantonment including the suburb of Bhingar is 24,124 A full army brigade is permanently stationed in Ahmednagar The Armoured Corps Centre and School formerly known as the All India Armoured Corps Training Centre and Fighting Vehicle School, is also located here Ahmednagar is a big military training centre for young officers passing out of the Academy for Armoured Corps The town is on the Dhond Manmad railway line The other towns having Municipalities are Kopargaon, Sangamner and Shrirampur

The staple food grains are jawar and bajra Wheat and gram are grown in the vicinity of the rivers Vari and ragi are cultivated in soils which are suited to coarser grain The pulses are tur, mug, math and kulith Among the cash crops may be mentioned cotton, hemp, safflower sesamum, linseed, sugarcane tobacco kardi pan, groundnut and potatoes Sweet lime orchards are also grown

There are 739 Co operative Societies engaged in credit, trade, farming, irrigation, housing and industrial activities

Part of the forests possesses teak of excellent quality The characteristic trees of the Western forests are however, anjan, jambul, behela, ain and karvand

The Dhond Manmad railway line runs through the length of the District from north to south and is the chief means of communication The District is well supplied with roads, the chief ones leading from Ahmednagar to Poona, Dhond, Malegaon, Paithan and Nasik while good roads also run to Akola, Jamkhed and Sheogaon

The chief historical places of interest to visitors are the Ahmednagar Fort and the residential palaces of the Shindyas and the Peshawas at Jamgaon and Kopergaon respectively

A dam is situated at Bhandardara across the Pravara river the maximum height of the dam being 270 feet from the river bed and width at the base is 300 feet There is also a water fall on the Pravara river at Randha village, the height of the fall being 200 feet

OFFICIALS

Collector and District Magistrate, M Allabux
District Agricultural Officer, P R Patil
District Co operative Officer, N D Survawanshi
District Executive Engineer, G B Bapat
District Forest Officer, U V Mavinkurve
District Health Officer, Dr T K Kewalramani
District Medical Officer, Dr P L Pawar
District Sales Tax Officer, M K Shirwadkar
District and Sessions Judge, R S Ambekar
District Superintendent of Police, N Rama Ayer
Income tax Officers, G N Gadgil (*Ahmednagar "A Ward"*), L A Albuquerque (*Ahmednagar "B" Ward*)
Inspector of Schools H Z Shimpi
District Inspector of Land Records, D M Kumbhar
District Soil Conservation Officer, L G Pandit

EDUCATIONAL INSTITUTIONS

Arts and Science College, Ahmednagar
Puntamba Agricultural School, Puntamba
Ayurveda Mahavidyalaya College, Ahmednagar
There are four Primary Training Colleges of which two are conducted by missionaries and all aided by Government

LITERARY AND OTHER ASSOCIATIONS

Vangamayopasak Mandal, Ahmednagar
Rotary Club, Ahmednagar
American Marathi Mission, Ahmednagar
Ahmednagar Education Society Ahmednagar
Hind Seva Mandal, Ahmednagar
Ahmednagar Vachanalaya, District Central Library, Ahmednagar
The Paisa Vachanalaya Library Ahmednagar
The Bagaitdar Co operative Sugar Producers Society, Loni

HOSPITALS

Ripon Hospital (*Government*, 56 *beds*), Ahmednagar
Evangaline Booth Hospital (*Salvation Army*, 72 *beds*), Ahmednagar
Ayurveda Hospital (38 *beds*), Ahmednagar
Fairbanks Janes Friendship Memorial Hospital, Vadala
Methodist Mission Dispensary, Puntamba
Ayurvedashram Pharmacy, Ahmednagar
Ahmednagar General Hospital (*Private*, 22 *beds*), Ahmednagar
Balasahib Deshpande Municipal Charitable Hospital (33 *beds*)
The Ayurvedic Dhanwantari Pharmacy
Arangaon Tuberculosis Sanatorium (*Indian Red Cross Society* 50 *beds*), Ahmednagar

TEMPLES, CHURCHES, MOSQUES

Sidheswar Temple, Ahmednagar
Markandeya Temple, Ahmednagar
Kaleswar Temple, Ahmednagar
Jain Temple, Ahmednagar
Jumma Mosque, Ahmednagar
Christ Church (*Protestant*), Cantonment, Ahmednagar
St Xavier s Church (*Catholic*), Tarakpur Colony, Ahmednagar
Hume Memorial Church (*United Church of Northern India*), Ahmednagar
Church of the Lamb (*United Church of Northern India*), Ahmednagar
Parsi Fire Temple
Vridheswar Temple, Pathardi
Kacheswar Temple, Kopergaon
Sidheswar Temple, Mandavagan
Kanif Nath Temple, Madhi
Mohaniraj and Dnyaneshwar Temple, Newase

NEWSPAPERS & PERIODICALS

'AZAD HIND —Weekly—Marathi

DIN MITRA '—Weekly—Marathi

SAMACHAR —Evening Daily—Marathi

SANDESH "—Weekly—Marathi

'SANGHASHAKTI —Weekly—Marathi

INDUSTRIES

The imports consist chiefly of piecegoods, tin sheets, metals groceries, salt, yarn and silk

The exports consist chiefly of sugar, gur, cotton, leather, pulses, oilseeds and fruits

Limestone is fairly abundant in the District and also trap suitable for building purposes Other minerals are basalt, quartz, chalcedony, agate, crystals

Among industries sugar is now one of the most important There are 7 factories in the District Gur making, hand loom weaving and bidi making are the other important industries

TANKS AND IRRIGATION

There are four irrigation tanks in the District namely Bhandardara (irrigating 69,834 acres), Visapur (irrigating 6 129 acres), Mandavgan (irrigating 534 acres), Bhatodi (irrigating 701 acres) The Gunewadi Tank is under construction and would irrigate 7,000 acres The Pimpalgaon and Kapurwadi tanks supply water to Ahmednagar City and Cantonment respectively One percolation tank and five minor irrigation tanks constructed for famine relief works will together irrigate about 6,000 acres

There are 1,720 wells in the District irrigating 10),108 acres

HILL STATIONS

Kalsubai, the highest peak of the Sahyadri hills is situated in this District, the height of the peak being 5 430 feet above sea level Bhandardara dam is situated at the base of the Kalsubai hills

Harishandragad and Patta Killa are the two hill stations situated at a height of 4,691 and 4,587 feet respectively

TRADES & PROFESSIONS

Imperial Bank of India, Kopargaon, Ahmednagar.

International Agricultural Industries, Chemists, Druggists and General Merchants, Ganj Bazar, Ahmednagar

AYURVEDASHRAM PHARMACY LTD, Ahmednagar, Manufacturers of Scientific Ayurvedic Medicines.

V Manmohandas & Sons, Importers, Exporters of seeds and Garden requirements, Gunj Bazar, Ahmednagar

AMRELI DISTRICT

Headquarters Amreli

Talukas or Mahals Amreli, Kodinar, Dhari, Okhamandal, Damnagar, Khambha, Ghogho

Amreli, formerly part of Baroda State, now part of Bombay State, lies inside the geographical limits of the Union of Saurashtra It is not one block of territory but is composed of a number of separate parts intersected by territory belonging to the Saurashtra Union

The area of Amreli District is 1 634 square miles, population 317,203 and the total yearly revenue about Rs 10,6),000

The District is level country broken only by Gir Hills in the Dhari Taluka The average yearly rainfall is between 24 to 25 inches About 90 per cent of the land is dependent wholly on rain water while only 10 per cent is irrigated by water from wells and streams

The principal crops are bajri, jawar, groundnuts, cotton, wheat, gram, sugarcane, rice sesamum, maize, mug udad and kalthi About 25 per cent of the land is under bajri cultivation and about 50 per cent under groundnut cultivation As groundnut fetches a high price and the soil is suitable, it is extensively cultivated Production of oil from groundnut and sesamum is one of the chief industries of the place, which has as many as 25 oil mills Other industries include cotton ginning and the production of khadi

The principal means of communication are the railways which run through almost all the chief places in the District To supplement the railways there are bus services from Taluka headquarters to outlying areas

There are four High Schools, eight Middle Schools and 217 Primary Schools, in the District, besides twelve Boarding Houses for students of different communities, and one technical institute (formerly orphanage)

The District has eight well equipped libraries for men, one for women and one for children, 132 village libraries and a number of reading rooms for the public

For purposes of medical relief there are three civil hospitals three maternity homes and 21 dispensaries scattered all over the District, besides many private dispensaries free and otherwise and five well equipped veterinary dispensaries

The Okha Port in Amreli District, which was greatly developed during the time of the two last Gaekwars of Baroda, is one of the best deep sea ports in India In Okhamandal Taluka, Port Okha, Mithapur and Dwarka have become industrial centres There are three big industries at these places namely Dwarka Cement Works, the Tata Chemicals Ltd and the Burmah Shell Oil Storage and Distributing Co Dwarka is famous for Ranchhodrai temples In Kodinar Taluka, there are a number of ports, which are chiefly used by the fishing industry and country craft

The ' Sarvodaya Centre of this District is situated in Babapur Village, ten miles off Amreli The centre conducts a residential village school and also a boarding house The village of Chalala, 16 miles away from Amreli, is one of the best spinning and weaving centres in Saurashtra

OFFICIALS

Collector and District Magistrate, A R Chauhan
District Agricultural Officer, N P Gohel
District Co operative Assistant Registrar, N S Kulkarni
District Engineer, Amreli and Mehsana Districts I D Desai
District Forest Officer, S R Bhagwat
District Health Officer, S V Mhatre
District Medical Officer, N Y Anegundi
District Sales Tax Officer M S Godgaste
District and Sessions Judge, T P Ghogle
District Superintendent of Police, N S Nimbalkar
Income tax Officer, H V Kanaiya
Inspector of Schools, S S Raichoor
Port Officer & Harbour Engineer Port Okha, D N Chauhan
Veterinary Officer K T Datha

TRADES & PROFESSIONS

Abdultayab Abdulhusen Amreli (Saurashtra)
Ahmed Dadabhai Palwala, Amreli (Kathiawar)
Alibhai Khanbhai Africawala, Direct Importer of Hardware & Machinery, Amreli (Kathiawar)
Amreli Engineering Works, Sukhnath Road, Amreli (Kathiawar) Engineers of Gas and Electric Welding
Amreli Machinery Supply Co, Tower Road, Amreli (Kathiawar) Machinery Spare Parts Suppliers and Commission Agents
Bavabhai Moosabhai, Amreli (Kathiawar)
Bhatia Girdharlal Gokaldas, General Cloth Merchant, Kapad Bazar, Amreli (Kathiawar)
Cutchhi Medical Stores, Chemists, Druggists and Commission Agents, Palitana (Kathiawar)
Dahyabhai Pitamberdas, Amreli (Kathiawar)
Damji Narsi & Bros, Dhariwala, Amreli (Kathiawar)
Ebrahim Arbi & Sons, Tower Road, Amreli (Kathiawar)
Ghusalal Lakhamanbhai, Seeds Merchant and Commission Agent, Tower Road, Amreli (Kathiawar)
Harjivandas Narandas Gandhi, Amreli (Kathiawar)
Ismail, H, & Sons, Tower Road, Amreli (Kathiawar)
Kathiawar Seeds Stores, Amreli (Kathiawar)
Lalji Bhimji Thakkar & Co, Amreli (Kathiawar)
Lavjibhai Gordhandas Parekh & Sons, Amreli (Kathiawar)
Laxmidas Harilal Parikh, Merchant and Commission Agent, near Tower, Amreli (Kathiawar)
Mehta Dhanjibhai Dholabhai, Amreli (Kathiawar)
Mehta Narandas Lavji, Amreli (Kathiawar)
Memon Karim Valimohamed, Tower Road, Amreli (Kathiawar)
Minerva Printery, Quality Printers and Publishers Proprietors Alibhai Lakhani & Sons, Amreli (Kathiawar)
Mohanlal Juthabhai Gandhi Prop The Amreli General Motor Service Dealer in Petrol, Mobile, Tubes, Station Road, Amreli (Kathiawar)
Nandlal Parmanand, General Merchant and Commission Agent, Ram Chowk, Amreli (Kathiawar)
Nandlal Purushottam Shanghvi, Amreli (Kathiawar)
Narayan Oil Mills Co, Amreli (Kathiawar)
Natvar Medical Hall, Chemists & Druggists, Tower Road, Amreli (Kathiawar)
Noorani Stores, Dealers in Cutlery, Hosiery, Stationery and Kanoj Scents, near Tower, Amreli (Kathiawar)
Oriental Stores, Amreli (Saurashtra) Dealers in Cycles, Gramophones, Petromax, Primus and Accessories, Steel trunks, Glassware, etc
Parekh Juthabhai Keshavji, Amreli (Kathiawar) Proprietors, Amreli Oil Mill, Amreli

PAREKH MATHURDAS NARANDAS

Grain, Groundnut Merchants

&

Commission Agents,

AMRELI (Saurashtra)

PAREKH SEED STORES
(Estd 1885)
AMRELI (Saurashtra)
Tele MUDHUSUDAN Phone P C O
(Prop —Parekh Mathurdas Narandas)
Fruits, Vegetables and vegetable seed merchants, general order suppliers and Commission Agents Specialist in Red Globe Onion Seed Lucern grass seed, Tomato seed, Pappaya (Madhubindi) seeds, Cauli Flower seeds, Carrot seeds, Cabbage seeds Lanni seeds, etc

Parahottam Narshidas, General & Cloth Merchant, Kapad Bazar, Amreli (Kathiawar)

Patel Brothers, Electrical Contractors, Amreli (Kathiawar)

Prajaram Dhanji Adhyaru, General Merchant and Commission Agent, Amreli (Kathiawar)

Raghaviji Purushottam, Watch Maker Dealer in Photo Goods and Watches, Amreli (Kathiawar)

Ranchhoddas Bhagavanbhai Madhani, Cloth Merchant, Amreli (Kathiawar)

Ratilal Parmanandas Desai, Merchant and Commission Agent, Amreli (Kathiawar)

Sanghrajka Hardware Mart, Hardware Merchants, Amreli (Kathiawar)

Shah Hargovindas Shyamji, Amreli (Kathiawar)

Shah Premchand Shyamji Amreli (Kathiawar)

Shah Stores, Dealers in Medicines and Toilets, near Tower, Amreli (Kathiawar)

Sharatchandra Chhotalal Kothari, Amreli (Kathiawar)

Sheth Vrajlal Girdharlal, Amreli (Kathiawar)

Shivshankar Dhanji Adhyaru, Amreli (Kathiawar)

SHREE LAXMI SILK WEAVING FACTORY
Jaysinhpura, Amreli (Saurashtra), (Bombay State)
Tel Address LAXMISILK
Manufacturers of Art Silk, Linen, Taffeta, Art Silk Coatings and Cotton gray Drills, Bed ticks and gray Coatings

Thakker Kurji Madhavji, Amreli (Kathiawar)

Vijay Oil Mills Ltd , Amreli (Kathiawar)

Virji Shivdas & Sons, Amreli (Kathiawar)

VITHALDAS NARSHIDAS, Amreli (Saurashtra), Bombay State Prop Balwant Silk Weaving Works, Manufacturers of Linen, Taffeta, Sioji, etc

Vora Gobar Ramji, Merchant and Commission Agent, Amreli (Kathiawar)

BANASKANTHA DISTRICT

Headquarters Palanpur

Talukas and Mahals Palanpur, Deesa, Dhanera, Vadgam, Tharad, Wav, Deodar, Kankrej, Danta, Abu Road

The population of the District which is in the Gujarat Division, according to 1951 census, is 748,796, the area 4,395 sq miles and the revenue Rs 9,61,965-10-9

OFFICIALS

Collector, M W Desai, I A S

Deputy Collectors, C M Barot (*Tharad Prant*), M U Desai (*Palanpur Prant*), B S Barot (*Dist Supply Officer*), V S Dixit (*Personal Asstt to Collector*), K A Vyas (*Abu Road Prant*)

District Superintendent of Police, Vacant

Supdt of Prohibition & Excise, A D Gangat

Deputy Educational Inspector, D K Dave

Civil Surgeon, Dr D R. Vaidya

Executive Engineer, J C Otia

Asstt District Judge, K M Bhatt

Civil Judges, B M Thorat (*Civil Judge Senior Division, Palanpur*) V P Mehta, K M Satwani (*Civil Judges, Junior Division Palanpur*), B V Shah (*Civil Judge, Abu Road*), P P Khilnani (*Civil Judge, Deesa*), R R Patel (*Civil Judge Dhanera*) R C Israni (*Civil Judge, Tharad*)

Sub-Divisional Forest Officer, G S Chandrahas

District Agricultural Officer, B K Mehta B Ag

Asstt Registrar Co operative Societies, M V Patel

Income Tax Officer, S T Tipre, B Sc

(*For Judicial purposes Banaskantha is under Mehsana*)

BARODA DISTRICT

Headquarters Baroda

Talukas or Mahals —Baroda, Savli, Vaghodia, Padra, Karjan, Sinor, Dabhoi, Sankheda, Naswadi, Chhota Udepur, Jabugam, Baroda City

Following the integration of the State of Baroda with Bombay, the State as such ceased to exist with effect from May 1949 Baroda was one of the biggest States in India comprising five separate territorial blocks in the northern part of Bombay State and Saurashtra having an area of 8,236 sq miles The State has now been reconstituted into three distinct Districts, Baroda Mehsana and Amreli with the necessary territorial readjustments with the neighbouring Districts of Bombay in Gujarat and the merged areas For instance, the entire District of Navsari in the south has been merged with Surat District Population is 1 194 746

The process of reconstitution is now complete and the city of Baroda the erstwhile capital of the State, has regained some of its old importance as a centre of administration, higher education and culture, by the establishment of the new University and by the location of several Regional offices both of the Central and State Governments in the city The District is placed in the Gujarat Division

As far as the Central Administration is concerned, the Regional Office of the Income Tax Department established under the Commissioner of Income Tax exercises all the administrative, supervisory assessing and appellate jurisdiction over the entire area north of Bombay as provided under the Indian Income Tax Act Similarly Baroda has been selected as the regional headquarters for Central Excise, Tobacco and Customs administration for the Gujarat Range

The Baroda Railway was taken over by the Centre on integration The system which consisted of 795 miles and included 21 miles of broad gauge, 308 miles of metre gauge and 428 miles of narrow gauge now forms a part of the Western Railway which formed the link between the State s three Districts of Navsari, Baroda and Mehsana

For the purpose of administrative convenience, the Bombay Government decided to maintain the State territories as a unit of administration in respect of several departments till the beginning of 1950 Now the process of integration has been completed The picture is as follows the Departments of Revenue, Judicial, Civil Supplies Industries Commerce, Agriculture, Medical, Backward Classes Labour, besides several minor Departments are administered centrally With regard to others such as Co operation, Public Works, Irrigation, Education etc , Gujarat has been divided into two divisions, (1) the North consisting of the Districts of Ahmedabad, Sabarkantha, Mehsana, Banaskantha and Amreli and (2) the South comprising the Districts of Surat (including Navsari), Broach, Baroda, Kaira and Panch Mahals and regional offices of these departments have been established with their headquarters at Ahmedabad for the North and Baroda for the South In regard to sales tax the two Khandesh Districts come under the Baroda jurisdiction

In the regrouping that followed the integration of the Baroda State with Bombay the smaller States including Chhota Udepur and Bhadarwa, and others lying in the tracts known as the Pandu Mewas and Sankheda Mewas were included in the newly formed Baroda District Also the two talukas Bhadran and Petlad which formed part of the former Baroda State were taken away and included in the Kaira District

Geographically, Baroda District (which is one of the five blocks into which the Baroda State was divided) forms a central compact block in the heart of Gujarat It lies between North Latitude 21° 41 and 22 32′ and East Longitude 73° and 74°10 It is bounded on the north by the Kaira District beyond the river Mahi, and Panch Mahals on the north east It stretches roughly from south to north from the banks of the river Narmada to the river Mahi except for a small tract on the west and south west boundary constituting the talukas of Amod, Vagra and Jambusar The District is about 40 miles long and 35 miles broad In the east it now stretches right upto the eastern boundaries of Gujarat The eastern portion of the District is of a variegated nature, entirely undeveloped, largely because till the date of integration it was governed by petty Thakors and Taluqdars

The most important portions of the District are Kanum which produces some of the finest cotton in India and Chorasi and Vakal in Sankheda and Vaghodia Talukas The picturesque bank of the river Narmada stretching over 100 miles in length abound in archæological remains, temples, shrines Besides Narmada and Mahi other rivers flowing through the District are Jambua, Surya, Vishwamitri and Dhadhar draining into the Gulf of Cambay while the rivers Or, Heran, Utchha are tributaries of the larger rivers

Villages in Baroda provide amenities which do not generally exist elsewhere Most villages have well conducted panchayats and possess institutions like schools, libraries, co operative societies conducted on sound lines The District as a whole has over 700 primary schools, 500 libraries, 300 gymnasiums and welfare associations

The District is poorly wooded except in the east The annual rainfall averages about 30 inches and varies only slightly from one place to another The chief food crops are wheat, jowar, bajra, pulses, kodra, kodri, bawta, maize Rice is now grown extensively interspaced with cotton This latter together with tobacco, castor, and other oilseeds form the principal money crop Baroda is a deficit District for food In Padra, Karjan and Baroda Talukas many garden crops including vegetables and fruit are grown Baroda does not possess adequate irrigation facilities like large reservoirs or hydro electric works except wells Considerable attention was given to the construction of wells in recent years There are in all about 7,500 wells used for irrigation purposes of which some 700 are worked by power pumps An ambitious programme of tapping the resources of the rivers Mahi and Narmada for canal irrigation is being undertaken by the Bombay Government

The District is served by the Grand Trunk Road connecting Bombay Ahmedabad, Baroda, Godhra, Indore and Delhi There are extensive Pucca district roads connecting Baroda city with outlying talukas while village roads are all fair weather roads covered with Kanker, gravel or sand wherever available and serve as feeder roads linking villages with the nearest main road or railway station There are about 250 miles of narrow gauge railway

Baroda, the headquarters of the District is a historic and ancient city, and was the capital of the State till the State ceased to exist It is fully modernised and is famous for its beautiful buildings, palaces, parks, avenues, recreation grounds, schools, colleges, hospitals, public libraries and broad well laid out roads and can stand comparison with any of the cities of the same size in India The State is also well advanced in industry In recent years a number of factories, big and small have sprung up The more important lines of development are textiles, chemicals, oil and soaps, engineering, metal works and foundries, rolling mills, and manufacture of glassware, etc , providing employment to about 30,000 workmen Side by side with the development of major industries, considerable progress has also been made in the revival and extension of small cottage industries Among the latter are spinning and weaving, calico printing, lacquer work, textile auxiliaries etc

MEDICAL RELIEF

Medical relief is so well organised that it is worth a special note Among the larger medical institutions the most important is the Shri Sayajirao State General Hospital in Baroda city, which contains all special departments like pathology, surgery, radiology, dentistry ophthalmology, midwifery, gynæcology and children s diseases There is one more hospital in Baroda city run by the Government, viz Shri Jamnabai Hospital In addition there are district hospitals and taluka dispensaries

Separate institutions also exist for medical relief to women and children Besides the maternity wards attached to the Baroda city hospitals, there are 12 small maternity homes in the District Maternity and child welfare work is also done by Shri Maharani Chimanabai Maternity and Child Welfare League in Baroda city and by a number of trained midwives and dais attached to the various maternity homes Other important institutions in the city are the Mental Home, the Leper Asylum and a branch of the Indian Red Cross Society Anti Rabic treatment is also provided free of cost

The Shri Padmavatibai Tuberculosis Hospital and Sanatorium located some 8 miles from Baroda city is well equipped with scientific appliances and a clinic provides treatment for people suffering from tuberculosis

There are Public Health Laboratories in the city for the administration of Food and Drugs Act

ADMINISTRATIVE PERSONNEL

REVENUE DEPARTMENT

Collector and District Magistrate, Lalit R Dalal, I C S

P A to the Collector Baroda, S M Shitole, B A , LL B

Dist Dy Collector, Baroda Prant, C V Shah

Dist Dy Collector, Dabhoi Prant, C M Thakore

Dist Dy Collector, Chhota Udepur Prant, P V Phadke B A

Dist Supply Officer, N V Desai

Rationing Officer, Baroda, B D Ranade

Supply Head Clerk, D S Joshi

Chitnis to the Collector, Baroda, A A Shaikh

Head Clerk to the Collector, C C Shah

Treasury Officer, N K Shah

Mamlatdars (Talukas), D T Patel, B A (*Baroda*), R K Dave (*Padra*) R V Vala (*Karjan*), I N Patel (*Dabhoi*), G H Gadi wala (*Naswadi*), S C Shah (*Sankheda*), B L Joshi (*Chhota Udepur*), H M Pathak (*Jabugam*), K G Joshi (*Vaghodia*), S N Sawant (*Savli*)

Mahalkari (Sinor Mahal), S M Desai

POLICE DEPARTMENT

District Superintendent of Police, Baroda, M Y Gaekwad, B A, LL B
Sub-Divisional Police Officer, Chhota Udepur, S N Bagwe B A, LL B
Sub Divisional Police Officer, Dabhoi, N W Barve
Home Inspector, D S P's Office, Rustom K Patel
Police Inspector, L I B, R B Chauhan
Police Sub-Inspectors, City Division, J G Chavda, *Raopura*, V G Parghi, *Sayajigunj* S R Sakpal

JUDICIAL DEPARTMENT

District and Sessions Judge, Baroda, N M Mlabhoy
Assistant and Addl Sessions Judge, Baroda, V R Shah
Civil Judge, Senior Division, Baroda, A A Badshah, B A, LL B
Joint Civil Judge, Junior Division S M Vidyarthi
2nd Joint Civil Judge Junior Division R K Soonawala
3rd Joint Civil Judge, Junior Division, U D Mahida
4th Joint Civil Judge, Junior Division V R Bhatia
Civil Judge, Junior Division Padra I D Patel
Joint Civil Judge, Junior Division Padra A T Purohit
Civil Judge Junior Division, Sarli B H Mehta
Joint Civil Judge Junior Division Sarli, C V Patel
Civil Judge, Junior Division, Karjan M M Jadeja
Civil Judge Junior Division, Sinor, I K Amin
Civil Judge, Junior Division, Dabhoi D J Soni
Joint Civil Judge Junior Division Dabhoi N H Sukhija
Civil Judge, Junior Division, Sankheda A K Pathan
Civil Judge Junior Division, Chhota Udepur Y S Shinde
Clerk of the Court, District Court, C A Jamusaila
Head Clerk and Criminal Superintendent District Court S P Mehta

EXCISE DEPARTMENT

Superintendent of Prohibition and Excise, Baroda Division H A Dehlavi
Prohibition and Excise Inspector, Dabhoi, M B Abbasi
Prohibition and Excise Inspector I/c, Alembic Chemical Works, Baroda B M Vora B A

REGIONAL PUBLICITY OFFICE

Regional Publicity Officer (South Gujarat), Baroda, Mastoo M Desai
Assistant to the Regional Publicity Officer, D K Karnik
District Publicity Officer, Baroda, C C Parikh

CO OPERATIVE DEPARTMENT—BARODA DIVISION

Deputy Registrar of Co operative Societies Baroda, C K Patel B A
Assistant Registrar Co operative Societies Baroda Division K M Diwanji
Asst Registrar, Co operative Societies, Surat Division C K Desai, B A, L D C A
Asstt Registrar, Co operative Societies Panch Mahals Division Godhra D A Desai
Special Auditor, Co operative Societies Baroda M B Desai, B A
Special Auditor Co operative Societies Surat I M Trivedi
Assistant Registrar, Co operative Societies Broach A I Pathan
Assistant Marketing Officer Baroda S V Gosavi
District Co operative Officer, C F Baroda, M H Patel B Sc (Ag)
Superintendent, Deputy Registrar's Office, Baroda, Ismail I Patel, B A

GUJARAT IRRIGATION CIRCLE, BARODA

Superintending Engineer, N G K Murti, I S E
Technical Assistant to the Supdtg Engineer, H K Kaubi, B E B S F (II)
Head Clerk, C M Kotwal
First Clerk, N K Modi

BARODA IRRIGATION PROJECT DIVISION, BARODA

Executive Engineer, Irrigation Project Dn, M N Jathal, B E, D I C (Lond), B S E (I)
P A to the Executive Engineer, B S Krishna Murti B E, B S E (II)
Accountant to Executive Engineer, A S Rokade
Head Clerk to Executive Engineer, K G Pandya
Deputy Engineer Baroda Irrigation Sub-Division, Baroda N C Dalwadi, B E, B S F (II)
Deputy Engineer, Research Sub-Division, Baroda, O H Patel, B E M Sc (Iowa), B S E (II)
Deputy Engineer, Irrigation Project Sub Dn No I, Dohad, J R Vora B E, B S E (II)
Deputy Engineer Irrigation Project Sub Dn No II, Baroda, A I Joshi, B E B S F (II)
Soil Physicist, V K Shaligram, B Ag (Bom), M Ag (Bom)
Deputy Engineer (Offg), Scarcity Sub Dn No I, Dohad, M D Solanki D C E, B S E (II)
Deputy Engineer (Offg), Scarcity Sub Dn No II, Dohad, C H Mavadia, D C E, B S E (II)

PUBLIC HEALTH ENGINEERING

Executive Engineer, P V Ganpule, B E, A M I Struct (Chartered Structural Engineer)

REGIONAL TRANSPORT OFFICE

Regional Transport Officer, J H Vakil
Regional Supervisor, R N Flavia
Head Clerk, M V Depot, M F Borges
Inspectors, Motor Vehicles H K Mehta N M Surti M K Thakore I R Sathe

POSTS AND TELEGRAPHS DEPARTMENT

Superintendent of Post Offices, Baroda Division Y B Kaluskar
Superintendent of Offices R M S Division V N Cyril
Assistant Superintendent of Post Offices V M Marathe
Assistant Superintendent R M S B Division, M D Thakkar
Head Clerk to Supdt of Post Offices M A Pandya
Inspectors, D G Korde (***Baroda East***) R D Sumani (***Baroda West***)
Postmaster, Baroda, V D Dave
Inspector of Complaints Baroda Division C J Vyas
Deputy Postmaster, C J Dave
Assistant Postmasters D V Jambekar P D Mehta

TELEPHONE OFFICERS, BARODA TELEPHONE SUB DIVISION

Officer-in Charge, Telephone Sub Division, Baroda, K S Kathiawad Diwanji
Phone Inspectors, N B Kakde B B Kokate, G B Raotal
Engineering Supervisors, Phones, M R Naik D D Pathak

BARODA CENTRAL PRISON

Superintendent, R K Anklesaria, B A
Senior Jailor, B M Antukar
Jailors, K V Katre, S B Konnur, B A P C Vyas, S B Dabholkar B A

INCOME-TAX DEPARTMENT—BOMBAY NORTH, KUTCH AND SAURASHTRA

(Headquarters at Baroda)

Commissioner of Income Tax, P S Bagadthey
Inspecting Assistant Commissioners of Income Tax S B Athalye (*Ahmedabad Range*) R P Kapadia (*Surat Range*) R D Shah (*Baroda Range*), S H Bhatt (*Saurashtra Range, Headquarters Rajkot*)
Appellate Assistant Commissioners, H A Shah (*Ahmedabad Range, I*), Mohd Swaleh uddin (*Ahmedabad Range, II*) P G Deshpande (*Surat Range*) B S Kasbekar (*Baroda Range*) A L Kazi (*Nasik Range*), Hans Raj Puri (*Ahmedabad Range, III*), G Misra (*Rajkot*)

CENTRAL EXCISE DEPARTMENT - BARODA

Headquarters Office, Baroda *Collector of Central Excise, Baroda*, C H Neale
Chief Accounts Officer, Central Excise, R A Iyer
Superintendents K M Pain (*Superintendent, Headquarters*) M P Mondkar (*Superintendent, Preventive*), I P Sinor (*Superintendent Intelligence*), H H Dave (*Examiner, Internal Audit C E*)
Baroda Division Headquarters, Baroda ***Assistant Collector, Baroda***, M V Shah
Superintendents R G Shastri (*Baroda*) J A Butler (*Broach*) K Narsinh (*Dabhoi*), I A Patel (*Surat*), A G Sapre (*Vapi*), P L Karna (*Godhra*)
Anand Division Headquarters, Anand Assistant Collector, Anand, F S Kale, B A, M R S T, F A I S (N Y),
Superintendents, H R Jokhi (*Anand*), P T Pohowala (*Borsad*) P J Advani (*Kunjra*), B E Patel (*Umreth*), K V Bole (*Cambay*) S P Pate (*Petlad*)
Ahmedabad Division Headquarters, Ahmedabad Assistant Collector, Ahmedabad, Vipin Maneklal

Superintendents, Ahmedabad, H J Kevalramani (*Cotton Excise, Ahmedabad*), M A B Harris (*Cotton Excise, Ahmedabad*), R P Laxpati (*Central Excise, Ahmedabad*), C K Desai (*Mehmedabad*), K S Gupta (*Nadiad*)

Viramgam Division Headquarters, Viramgam Assistant Collector, Viramgam, J H Shah

Superintendents, R S Kodical (*Viramgam*) M M Desai (*Kalol*), B G Kulkarni (*Patan*), N M Motiwala (*Surgam*)

Jamnagar Division Headquarters, Jamnagar Assistant Collector, Jamnagar, I R Sampson B A

Superintendents, L M Dalal (*Jamnagar*), P J Tekchandani (*Rajkot*) M R Paroolkar (*Bhavnagar*), N B Sanjana (*Kutch*), V H Mallam (*Junagadh*)

NATIONAL SAVINGS—BARODA RANGE

Chief Controller, Small Savings Scheme, Baroda, D Y Athavale

Accountant, Small Savings Scheme, Baroda, V R Pimpluskar

Assistant Savings Officer, Navsari Area, B B Bhatt

AGRICULTURAL DEPARTMENT

District Agricultural Officer, Baroda M K Desai, B Ag

Assistant District Agricultural Officer, Baroda, H F Patel, B Ag

Agricultural Officers, G M Talati B Sc (Agri) (*Baroda*), D B Gosai, B Sc (Agri) (*Dabhoi*), I M Chodhari, B Sc, Ag (*Chhota Udepur*)

PUBLIC HEALTH DEPARTMENT—BARODA RANGE

District Health Officer, Baroda, Dr S Ganguly, M B, D P H (Cal)

Analyst, Public Health Laboratories, Baroda, B N Mehta, M Sc, A H B I I

Senior Clerk, Office of the District Health Officer, Baroda, S M Bapat

EDUCATIONAL DEPARTMENT

Educational Inspector, Baroda District, V H Bhanot, M A (Punjab), M A (Cantab), M A (Edu), London

Deputy Educational Inspector Cum-A O, Baroda District, Baroda, P P Parikh

Head Clerk, Educational Inspector's Office, Baroda District, Baroda, K N Shah

Assistant Deputy Educational Inspectors, V C Majmudar, L A Pimplaskar Smt V R Randive R L Joshi, C N Pathak, G P Joshi, R L Waghela, S V Bangadia, V V Majmudar, C N Vaidya, P I Joshi, C A Shah, T B Pandya

SHREE SAYAJI GENERAL HOSPITAL, BARODA

Superintendent, S S G Hospital, and Principal, Medical College, Dr A N De Quadros

Resident Medical Officer, Dr S V Gupte

Honorary Physicians Dr S D Ambegaonkar, Dr P M Luhar

Honorary Surgeons, Dr A B Kothari, Dr M A Patel

Honorary Obstetricians and Gynæcologists, Dr T V Patel, Dr (Mrs) Indumati T Patel

Refractionist, Dr M S Sudhalkar

Anaesthetist, Dr L H Acharya

Out door Medical Officer, Dr C C Patel

Medical Officer, In Charge, Medico-Legal Department, Dr R R Chavan

Casualty Medical Officers, Dr J V Lakkad, Dr B N Kulkarni Dr N K Mulky

Resident Accoucheurs, Dr V C Mankodi, Dr C C Patel Dr (Mrs) Sulochana C Shah

House Physicians Dr K M Shah Dr M B Patel, Dr S G Patil

House Surgeons, Dr M B Shah, Dr K M Sheth, Dr (Miss) R R Patil, Dr (Miss) G T Jethmalani, Dr (Miss) Nalini V. Riswadkar

Steward, M R Nafade

Head Clerk, K V Mande

Accountant, S T Deopurkar

SHREE PADMAVATIDEVI SANATORIUM

Medical Superintendent, Dr B M Pujari, M B, F R C S (Eng)

In Charge Resident Medical Officer, Dr P C Shah

Ward Medical Officers, Dr P C Shah and Dr S A Moghe

T B Clinic Medical Officer, Dr I J Purani

Office Superintendent R I Chokshi, B A, L S G D

Matron, Smt Shantabai S Bhalerao

Sister, Smt S D Job

Senior Nurse, R R Gujjar

BARODA BOROUGH MUNICIPALITY

President, Dr Venilal N Modi, M B B S

Vice President, Fatehali H Palejwala, B A, L L B

Chairman Standing Committee, Gordhanbhai M Patel

Chief Officer Cum Municipal Engineer, M M Desai, B E (Civil), A M E E, A M I Struct E

Health Officer, Dr R J Majmundar, M B B S, D P H

Collection Superintendent, B N Telang, B A, L S G D

Municipal Accounts and Audit Officer, B M Parikh

Mechanical Engineer, Waterworks, V G Saraph

MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

The Maharaja Sayajirao University is a teaching and residential University established in 1949 under an Act of the State and incorporated in the Statute by the Bombay Government following the merger of the State with Bombay All the colleges and recognised institutions situated within the University area specified in the Act, became the constituent parts of the University and were with the exception of the Medical College, Technological Institute, Museum and Baroda Sanskrit Mahavidyalaya, conducted by the University These constituents include —The Faculties of Arts, Science, Education and Psychology, Commerce, Medicine, Technology (including Engineering), Fine Arts, Home Science and Social Work There is also an Oriental Institute and Kalabhavan for Diploma and Certificate courses in Technology

The University started functioning from the academic year 1950 51 by adopting its first Statutes and Ordinances and constituting nine Faculties, *viz*, Arts, Science, Education and Psychology, Commerce, Medicine, Technology (including Engineering), Fine Arts, Home Science and Social Work The first examination in the first six Faculties was held in March April 1951

Under the Faculty of fine arts, a separate institution called the College of Indian Music, Dance and Dramatics is run for teaching courses in music, dance and dramatics leading to a diploma and a degree in the subjects of study

In June 1951, the University took over the management of the Baroda Sanskrit Mahavidyalaya, an institution of Oriental learning from the Government of Bombay

The University conducts an experimental high school as an integral part of the Faculty of education and psychology and also the Chetan Balwadi, a nursery school for children which is attached to the Faculty of home science and is an important adjunct to the Faculty for purposes of observation and experiment

The Faculty of home science which started working from June 1950 imparts training, among other subjects in child development, foods and nutrition, home management and home science education

The University has instituted a post graduate ayurvedic research section in the medical college, Baroda, called Sheth Ujamshi Pitambardas Ayurvedic Research Unit named after the donor who had created a trust and started an ayurvedic college at Patan The balance of the trust and the library of the institution has been handed over to the University The Government of Bombay gives an annual recurring grant of Rs 36,000 for the maintenance of the Unit

The University instituted in 1952, a post graduate diploma in Museology too, and the department is located in the museum and picture gallery Museology is also included as one of the compulsory subjects for students of the Faculty of fine arts offering applied arts

The scheme regarding the establishment of a banking department in the Faculty of commerce is under consideration of the University authorities

From June 1953, the Faculty of technology (including engineering) has introduced the courses in textile engineering, the first of its kind in India

The Ramayana Department, started in Oriental Institute, to publish an illustrated critical edition of Valmiki Ramayan, is progressing well

Vice-Chancellor, Smt Hansa Mehta, B A (Hons)

Pro Vice Chancellor, Dr C S Patel, B A, M Sc (Bom), Ph D (Leeds)

Registrar, B K Zutshi, M.A, L L B

Asstt Registrar, K J. Majmudar, M A, B T

University Engineer, N B Patel, B E (Bom), A M I E (India)

Accountant, A C Mody, B A (Hons)

Superintendent, B M Nanavaty, B A

Members of the Syndicate Smt Hansa Mehta (*Vice-Chancellor*), Dr C S Patel (*Pro Vice Chancellor*), S S Bhandarkar (*Deputy Director of Education*), Dr Jivraj N Mehta, B B Joshi, C J Sutaria, Dr J M Mehta, Dr R K Trivedi, R V Desai; J S Parikh, Dr A N de Quadros, Prof T K Narayan Menon, Prof V Y Kolhatkar, G B Pandya

Deans of Faculties Arts —G B Pandya, M A., B A (Hons, London), *Science* —Dr C S Patel, M Sc, Ph D (Leeds), *Commerce* —Prof V. Y Kolhatkar, M Com, M Sc (Econ, London), *Education and Psychology* —Prof T. K N Menon, B A., D Ed. (Leeds), Cert in Education (Berlin), M A Educ (Leeds), Research Fellow, Educ (Madras); *Medicine* —Dr A N de Quadros, F R C S (Edin); *Technology (including Engineering)* —Prof D Subbarao, B E (Civil), A M I E (India), *Fine Arts* —Prof Markand Bhatt, G D (Arts), M A (Arts Edu, Barnes Foundation) (U S A), *Home Science* —Dr (Mrs) Rajmmal P Devadas, B Sc (Madras), M Sc, M A, Ph D (Ohio), *Social Work* —Dr (Miss) Parin Vakharia, B A, Dip S S A (T I S S), M S (Columbia), Ph D (New York)

Principals Intermediate College, S M Wadia, M A; *Music College*, A. V. Vasu, *Sanskrit Mahavidyalaya*, H. C. Mehta, M A, B.T

Director, Oriental Institute, G H. Bhatt, M A

EDUCATIONAL INSTITUTIONS

Medical College, Baroda —*Principal*, Lt Col Dr A N De Quadros

The Baroda Arts and Science College, Baroda —*Principal*, A R Wadia

The College of Engineering, Baroda —*Principal*, A C Sahgal

The Pratapsinh College of Commerce and Economics, Baroda —*Principal and Prof of Banking*, V Y Kolhatkar

The Kalabhavan Technical Institute, Baroda —*Principal*, A C Sahgal.

The College of Indian Music, Baroda —*Principal*, H R Doctor

Vernacular Teachers' Training College —*Principal*, E V Dadpe, M A, T D

Training College for Women Teachers —*Principal*, Mrs Kusumben Thakore

Diamond Jubilee Cotton Industries Institute, Baroda

Emporium of Arts and Crafts, Baroda —*Head*, G S Sant

Sanskrit Mahavidyalaya, Baroda —L B Shastri

Museum and Picture Gallery —*Curator*, Dr Hermann Goetz

Oriental Institute —*Director*, Dr Binoytosh Bhattacharya

The Women's College of Home Science, Baroda —*Principal*, Dr Leela Desai

The College of Fine Arts, Baroda —*Principal*, Markhand Bhatt

The School of Social Work, Baroda —*Head*, Dr Perin Vakharia

The Secondary Teachers Training College, Baroda —*Principal*, T K N Menon

The Aryan University for Girls, Baroda —*Principal*, Sushilaben Pandit

BARODA COLLEGE—(FACULTY OF ARTS)

This Faculty provides Instructions for Ph D M A, and B A degree of the M S University of Baroda

Dean and Reader in History, G B Pandya, M A, B A (London), *Professor of Economics*, S Chandrashakher, M A, M Ldt, Ph D *Professor of Gujarati*, B J Sandesara, M A Ph D *Professor of Sociology*, M N Shrinivas, M A, Ph D, *Reader in Sanskrit* S S Bhave, M A, LL B, Ph D, *Principal, Intermediate College & Reader in English*, S M Wadia, M A, *Reader in Philosophy*, D M Patel, M A (Bom), B A (Lond) *Reader in Economics* H C Malkani, M A *Reader in English* V Y Kantak, M A, *Reader in Archaeology*, B Subbarao, M A, LL B, Ph D, *Reader in Sociology*, I P Desai, M A, Ph D

THE SECONDARY TRAINING COLLEGE (FACULTY OF EDUCATION AND PSYCHOLOGY)

This Faculty of the Maharaja Sayajirao University of Baroda admits 75 candidates for the B Ed, 30 for the T D, and 30 for the M Ed degrees courses A few students are also admitted for the Ph D and M Ed degree courses by thesis only The Faculty started in 1952 Courses in Psychology leading to the B A (Hons) degree The Faculty publishes a quarterly *Journal of Education & Psychology* ' (annual subscription Rs 4)

Dean and Professor, T K N Menon, B A, M A, Edin Dip Edin (Leeds & Berlin)

Reader, S N Mukerji, M A, B T, T D (Lond), Dip Edn (Dublin)

LIBRARIES

Central Library
Pustakalaya Sahayak Sahakari Mandal
Shri Jayasinhrao Public Library

WOMEN'S INSTITUTIONS

Shri Maharani Chimanabai Maternity and Child Welfare League, Baroda
Shri Maharani Industrial Home for Women, Baroda
Arya Kanya Mahavidyalaya, Baroda
Shri Chimanabai Stree Samaj, Baroda
Bhagini Samaj, Baroda
Kanya Arogya Mandir, Baroda
Ladies' Sports Club, Baroda
Shri Chimanabai Vihar Club, Baroda
All-India Women's Association, Baroda Branch
Unchi-Pole Shivaji Mandal, Baroda
The Gujarat Krida Mandal (Girls' Section), Baroda
The Stree Kelavani Mandal, Baroda
The Mahila Krida Mandal, Baroda
The Rajmahal Road, Stree Samaj, Baroda
Shri Antyaj Mahila Mandal, Baroda
Shri Jyoti Vyayam Mandal, Baroda
Widows' Home, Baroda.

HOTELS & HOSTELS

Baroda Circuit House.
Damajirao Dharamshala (opposite the railway station)
Central Hindu Lodge
Luxmi Nivas Hindu Lodge
Gita Lodge
Travellers' Nivas Graha
Luxmi Garden Hindu Lodge
Majestic Hindu Lodge
Coronation Hotel
Patidar Boarding House
Kshatriya Boarding House
Mahratha Boarding House
Raniparaj Boarding House
Haryan Boarding House

CLUBS

Maharaja Pratapsinh Coronation Gymkhana Baroda
Sayaji Vihar Club, Baroda
Hind-Vijay Gymkhana, Baroda
Y M C A, Fatehganj, Baroda
Sahavicharini Sabha, Baroda
Rotary Club, Baroda
Masonic Lodge, Baroda
Western Railway Institute, Baroda

ASSOCIATIONS

Baroda Congress Samiti, Baroda Branch, Baroda
Gujarat Congress Samiti, Baroda
Baroda District Congress Samiti, Baroda
City Congress Samiti, Baroda
Baroda City Chamber of Commerce
Baroda District Chamber of Commerce
Gujarat Sahakar Sevak Sangh
Baroda Muslim Educational Society
Baroda Educational Society
Premanand Sahitya Sabha, Baroda
Arya Kumar Mahasabha, Baroda
Vidyarthi Mitra Mandal, Baroda
Ranoli Gramya Sudharak Mandal
Maratha Samaj, Baroda
Brahmin Sabha, Baroda
Valchanda Banker Harijan Ashram, Baroda
Bharati Kala Niketan, Desai Sheri, Baroda
The Arunodaya Sangit Samaj, Baroda
The Khadi Prachar Mandal, Baroda
The Hindi Prachar Mandal, Baroda
The Chikitsak Mandal, Baroda
The Vaidya Mandal, Baroda
The Sanskar Kendra, Baroda
The Jabareshwar Seva Mandal, Baroda
The Brahmapuri Vyayam Shala, Baroda
The Madhyastha Krida Mandal, Baroda
The Gujarat Krida Mandal, Baroda
The Nagar Seva Sangh, Baroda
Harijan Sevak Sangh
Baroda Olympic Association
Baroda Cricket Association
Baroda Tennis Association
Baroda Scouts and Girl Guides Association
Jumma-Dada Vyayam Mandir

SPIRITUAL ASSEMBLY OF THE BAHA IS OF BARODA

Bahai Hall, Shivaji Road, Baroda

NEWSPAPERS AND PERIODICALS

Dailies (*Gujarati*)—' SAYAJI VIJAYA ", " JAYA GUJARAT " " PRAKASH "

Weeklies (*Gujarati*)—" NAV GUJARAT ", " ARYA SANDESH ', " ANANDA ", ' RAJPUT BANDHU ", " MAKKAM , " PRAJA MITRA "

Monthlies (*English*)— ' ARYAN PATH ", " THE INDIAN P E N " " MILITARY ", " THEOSOPHICAL MOVEMENT ', " INDIAN EXPORT TRADE BULLETIN ", " JOURNAL OF EDUCATION AND PSYCHOLOGY ", " HOMŒOPATHIC BULLETIN ", (*Hindi*)—" PRANAMI SANDESH "

(*Gujarati-Hindi separately*)—" VYAYAM ", (*Marathi*)—" SAH VICHAR ", (*Gujarati*)—" GUNSUNDARI ", " SHARADA ", " BALJIVAN " " BALAK ", " GRAMJIVAN ", " SAHA KARYA ", " KHETI ", " PUSHTAKALAYA ", " PRAUDH SIXAN PATRIKA ", ' SANSKRUTI ', " KANAIYO ", " VAYADA MITRA ", " SAMASTHA-LAD-MITRA ", " NAGAR BANDHU ", " LAD PATRIKA."

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EVEREST

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This Federation was formed in June, 1918 The present membership is 76, which includes cotton and woollen textile mills, dyeing works, iron & engineering industry, Chemical and Pharmaceutical Industry, Match, Rubber Bobbins, Tiles, Oils, Glass, Pottery, Healds and Reeds, Ginning and Pressing, Power looms, and other Industries

The object of the Federation is to encourage, develop, promote and protect the interests of the members and to take all such measures for the attainment of this object The Federation also assists the members in the procurement of iron and steel and such other materials under control and also guides and helps its members in Labour and other matters

It is registered under the Societies Registration Act and is recognised by the Government of India and Government of Bombay and representations on certain Government Committees are given

The membership is open to all industrial undertakings

TRADES & PROFESSIONS

Abhyankar, G K & Co , Ganpule Building, Raopura, Baroda

ALEMBIC GLASS INDUSTRIES LTD , Baroda 3 Phone No 2052 Tel Address "INDGLAS" Manufacturers of all kinds of Bottles, Tin and Plastic Caps

Amulakhrai M Munshi, Raopura Road, Baroda

ARVIND BOARDS AND PAPER PRODUCTS LIMITED
Bilimora (W Rly)
Manufacturers of Straw Boards
Grey Boards
& FIBRE BOARDS

Ashok Vastva Bhandar Anandpura, Kothi Baroda

Ashwin Industries Ltd , Office opp Jubilee Bag Baroda

Baroda Oil & Mill Store Supplying Co , opp Suryanarayan Bag, Raopura, Baroda

Baroda Oil Mills Pratapnagar Road Baroda Manufacturers and Exporters of Oil & Oil Cakes

B BROS (Estd 1921), Raopura, Baroda Dealers in all kinds of Provision, Piece goods, Toiletries, Stationery, Dry Fruits, Cigarettes, etc

Bhagat Dalal Co , Shipping, Clearing, Forwarding & Franship ment, Railways & Country Crafts, Bilimora Western Rly Phone No 468

Bombay Baroda Assurance Co , Ltd Baroda

Bumiya & Sons, C N , Pioneers of Dairy Industry in Baroda, Dandia Bazar

Cawasji Rustomji Dalal, Shipping, Clearing, Forwarding & Transhipment, Railway & Country Crafts, Bilimora (Western Rly) Phone 468

C Patel & Co Near Lakashwer Mahadev Baroda Engineers and Contractors

Dave, S & Co , General Merchants, Agents and Manufacturers, Tower Road, Baroda

Desai & Co , Dealers in Sports and Games Goods Raopura Baroda

Desai C , & Co , Mill Stores Suppliers, Lakshmi Bhuvan Sayajiganj Baroda

Diamond Auto Stores opp College, Baroda Automobile Specialists

Graphite and Mineral Industries, Chhani Road, Baroda Manufacturers of Foundry Plumbago, Black Lead, Flake Graphite

Halifax Engineering Co , Anandpura, Baroda Representatives and Manufacturers

Hindustan Colour and Chemical Manufacturing Co , Kathwada Post via Naroda, Baroda State

Indian Export Trade Bulletin, Sayajiganj Baroda Publishers

J M Machinery Mart, Anandpura, Baroda Manufacturers and Representatives

Jasmann Machine Tool Corporation, Anandpura, Baroda

Joshi, Pandit & Co , Ltd , Sayajiganj, Baroda

Kamruddin Rasulbhai, Motabazar, Navsari (Baroda State) Dealers in Building Materials

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BARODA

ANJIR Brand and BELL Brand
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No. 353 and 425 TWINS & CUBES & LAUNDRY CHIPS

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Manufacturers

The Shanti Soap Works

MEHSANA (N G)

Kantilal, R , & Co , Opp College, Baroda Dealers in Building Materials

Kirti Patel & Co Rao mists and Druggists

Kothari, M C , Raopu Publisher and News paper Agent

Krishna Nivas Hindu Lodge and Restaurant, behind Nyayamandir, Baroda

Lalchand & Sons, Raopura Road, Baroda

L N Shah s Modern Photo House, Kothi Road, Baroda Makers of Fine Portraits

Madhubhai Chhotabhai Patel, Raopura, Baroda

Madhukar Khandubhai & Co Tulsidas Mansions, Kothi Road Baroda Piece-goods

Merit Oil & Trading C oad Baroda

MODY BROTHERS, Raopura, Baroda

Narayan Chemical Industries Ganpule Building, Raopura, Baroda Importers, Exporters and General Merchants

THE NEW GREAT INSURANCE COMPANY OF INDIA LTD
Bank Building, Mandvi, Baroda.
Total Assets exceed (31-12-52) **Rs. 1,71,00,000**
Chairman –**Tulsidas Kilachand**
General Manager –**M. G. Mody**
Business Transacted Life, Fire, Marine, Accident and Miscellaneous Insurance

New Gujrat Trading Co Raopura, Baroda Chemists and Druggists

Nizami Welding and Boiler Repairing Works Gendi Gate, Baroda

Om Shri Krishna Agency, opp Kothi Pole Baroda

Oriental Government Security Life Assurance Co Ltd Inspectorate Office Kothi Road, Baroda

Pandit, C M , Sayajiganj Baroda

Paramount Insurance Co Ltd Head Office Raopura, Baroda

PARK VIEW—The best Spot in Town—Soda fountain and Restaurant, Sayaji Road, Navsari Prop Tarachand Mulchand late of Karachi

Patel mists and Druggists

Ruby Bhuvan, Raopura, Baroda

Sarabhai Chemicals (Factory), P O Box No 31, Baroda

Sayaji Iron and Engineering Co Ltd Chhani Road, Baroda (Estd 1914) Phone No 2793 Foundry Baroda

Shirke & Co , Sayajiganj, Bar for Chevrolet Cars and Trucks and Vauxhal Car

Swastik Engineering and Manufacturing Co Ltd , Bahucharaji Road, Baroda

Thakkar, B M , & Co , Raopura, Baroda Chemists and Druggists

United India Medical Stores, Patent Medicines, Injections Provision Stores, Toilet requisites etc , opp Secretariat, Baroda

Vasant Engineering Ltd , Pratapnagar, Baroda Manufacturers of Textile Machinery

Vinod C Abhyankar Ganpule Building, Raopura Baroda

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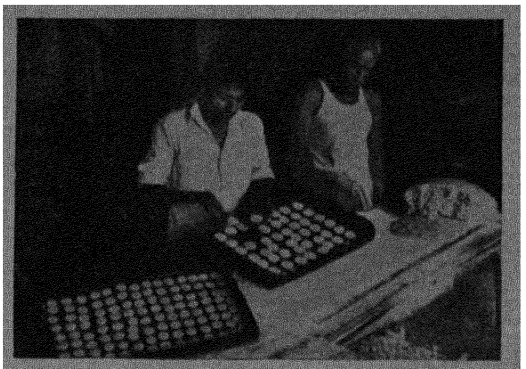

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BISCUITS



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BELGAUM DISTRICT

***Headquarters*. Belgaum**

Talukas and Mahals **Belgaum, Khanapur, Gokak, Athni, Parasgad, Sampgaon, Chikodi, Hukkeri, Chandgad and Ramdurg talukas and Raibag Mahal**

Belgaum District with Belgaum as its capital, is bounded on the north by Kolhapur and Satara South Districts, on the east by Bijapur, on the south by the Districts of Dharwar and North Kanara, on the west by the territory of Goa and Kolhapur District

The area of the District is 5,524 square miles and the population according to 1951 census is 17,26,908 The languages spoken are Kannada and Marathi

The country is a large plain studded with solitary peaks and broken here and there by low ranges of hills In the north and east the land is level and well-cultivated, but in the west it is intersected by spurs of the Sahyadri Range thickly covered in some places with forest The District contains both black and red soils and produces mostly grains, pulses, oil-seeds, fibres and cotton The average rainfall in Belgaum is 41 5 inches

Belgaum, the District headquarters, has a very pleasant climate especially in the hot season and it is described as the 'Mahableshwar of the poor' It has retained its historic importance in the form of an imposing fortress built in the Mogul period It is a cantonment and a station on the Southern Railway It is a busy centre throwing on all its sides well maintained roads connecting all the districts in Karnatak, southern Maharashtra and the Goa territory It is an important centre of the State Transport Bus Service

There are a big travellers bungalow, and a well furnished private hotel, Hotel Green There are also a Civil Hospital, a Military Hospital, two well-equipped private hospitals and half a dozen maternity hospitals in the city For the training of military cadets there is a residential institution called King George Public School in the Camp and the well known Mahratta Light Infantry Regimental Centre In the city and the Camp area there are four Colleges, two Arts Colleges, one Law College, one College for the training of Secondary School Teachers, all affiliated to the Karnatak University There are 15 High Schools of which five are exclusive for girls, which send up students for the S S C Examination There are also three Primary Teachers' Training Colleges, one Marathi and the other two Kannada Other institutions worth mentioning are the Remand Home, the Rotary Club, a Masonic Lodge and a number of recreation clubs like Belgaum Club, Union Gymkhana, Social Club, Kreeda Bhuvan and the Ladies' Club

It has Literary Associations managed by the lovers of Marathi and Kannada literature, and can be proud of a Free General Library of a hundred years standing with an imposing building of its own having a clock tower

With more than a dozen banks it is growing in importance as a business and commercial centre

OFFICIALS

Collector and District Magistrate, S Y Ranade
District Agricultural Officer, V H Kulkarni
Assistant Registrar, Co operative Societies, C S Hubli
Executive Engineer, M M Gandhi
Executive Engineer, Ghataprabha Left Bank, P R Joshi
Executive Engineer, Ghataprabha Left Bank, Canal Division I M Magdum
Divisional Forest Officer, J D Mascarenhas
Divisional Forest Officer, Working Plans, S C, B F Britto
Conservator of Forests, S C, R R Choudhari
Forest Engineer, Southern & Central Circles, Belgaum, I R Kerr
Superintending Engineer, S C, V B Manerikar
District Health Officer, Dr B Raghavan
Civil Surgeon, Dr P D Khanolkar
District Sales Tax Officer, K V Ogle
District and Sessions Judge, G N Katre
District Superintendent of Police, D L Kulkarni
Income-Tax Officer, K D Dholakia
District Educational Inspector, S V Jewoor
Regional Transport Officer, M G Naik
Superintendent of Land Records, H R Inamdar
Superintendent, Belgaum Central Prison, R C Bharucha
Director of Local Authorities, S D, M G Monani

SPIRITUAL ASSEMBLY OF THE BAHA'IS OF BELGAUM

Baha'i Centre, Opp Social Club, Belgaum

Administering the religious affairs of the Baha'i community of Belgaum

Objects **To establish universal peace and the oneness of mankind, in co-operation with fellow Baha'is in 128 other countries through the spiritual principles of the world religion proclaimed by Baha'u llah in 1863**

SECONDARY TRAINING COLLEGE

Belgaum

The College was established by the Bombay Government in June 1939 to afford training facilities to secondary teachers of the southern part of the State It is affiliated to the Karnatak University and admits 100 students for the B Ed Course It also offers instruction and guidance to graduate students, reading for the M Ed and Ph D Degrees Since its very inception, the College has been using the mother tongue as medium of instruction in all subjects of the secondary school curriculum in its main practising schools The College has a well equipped library and a department of visual education A spacious building for the College has been erected and there is a big hostel close to the College building

VACCINE INSTITUTE

Belgaum

The first of its kind to manufacture vaccine lymph in India, was started in 1903 It is now a well equipped Institute conducting research work and manufacture of vaccine lymph on an extensive scale for Bombay State and Saurashtra It is a unit of the Public Health Department of the Bombay State and is administered by an Assistant Director of Public Health

Assistant Director of Public Health, Dr R S Rao, MBBS (Madras), DTM (Liv)

VACHANA MANTAPA

Belgaum

A Kannada Literary Research Institute founded by Dr V K Javali, M Ed, Ph D (Bom), M A (Columbia) and established in October 1949

Aims and Objects —To publish the unpublished literature of the Sharanas of the 12th Century and to translate the already published literature into important modern languages like Hindi, English French, etc, to make known the ideologies of the Sharanas to the common man of the world and to educate the human being morally

The Institute is maintained by public funds and Government grants Life member Rs 51

NEWSPAPERS

'BELGAUM SAMACHAR"—Weekly—Marathi
"CHIKITSAK"—Weekly—Marathi
"JANA JIWALU"—Weekly—Kannada
LOKAMAT —Weekly—Marathi
NAVAJEEVAN '—Weekly—Marathi
"RASHTRA VEER"—Weekly—Marathi
"SANDESH"—Bi-Weekly—Kannada
'TARUN-BHARAT"—Bi-Weekly—Marathi
WARTA VIHAR"— Bi Weekly— Marathi

COTTON MILLS

GOKAK MILLS, LTD (formerly Gokak Water Power and Mfg Co, Ltd), Spindles 72,896, Looms 2, Agents Forbes, Forbes Campbell & Co, Ltd, Forbes Building, Home Street, Fort, Bombay Mills at Gokak Falls, Belgaum District, S M C

BANKS

Bank of Citizens Ltd, Belgaum
Belgaum Bank Ltd
Belgaum Catholic Co operative Bank
Belgaum District Central Co-operative Bank Ltd
Belgaum Pioneer Urban Co-operative Bank Ltd
Canara Bank Ltd (Belgaum Branch)
Canara Industrial and Banking Syndicate (Belgaum Branch)
Central Bank of India Ltd (Belgaum Branch)
Imperial Bank of India Ltd (Belgaum Branch)
Muslim Co-operative Bank
New Citizen Bank of India Ltd (Belgaum Branch)
Saraswat Bank Ltd (Belgaum Branch)
Supreme Bank of India Ltd

TRADES & PROFESSIONS

Ajit Laboratories Ltd , Belgaum
Alembic Distributors Ltd , Belgaum Branch Office Nagargoje s Building, Near Railway Station, Miraj
Anandji Haridas & Co , Ltd , Railway Goods Shed Road Belgaum
Associated Mechanical Industries, 1745, Kirloskar Road, Belgaum
Belgaum Guest House, 591, Math Galli, Belgaum

BELGAUM MOTORS, CAMP, BELGAUM Manufacturers of "BEMCO" Flour Grinding Mills, Dust-Collecting Machines, Automobile and Industrial Type, Hydraulic and Mechanical Jacks and Dusters for Agricultural use, Sheet Metal Workers

Brooke Bond (India) Ltd , Bungalow No 11, Fort, Belgaum
Chikodi & Co M K Market Belgaum
Devendra Chintamanrao Kolhapure & Sons, Ganpat Galli Belgaum
Doddanavar Brothers Saw Mill Dharwar Road, Belgaum
Engineering Equipment Company, Khanapur Road, Camp, Belgaum
Emboris Ramdev Galli Belgaum India
C G Welling 96 Church Street Camp, Belgaum
C V Herwadkar, Ganpat Galli Belgaum

H B PORWAL & SONS LTD.
(Established 1935)
Tel EVEREADY Phone 70 Library Building
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Direct Importers, Chemists, Druggists & General Merchants Bankers The Bank of India Ltd , Bombay The Canara Bank Ltd , Belgaum, The Bank of Citizens Ltd , Belgaum Seeks representations from manufacturers of any part of the world

LUCKY RESTAURANT AND LODGING & BOARDING, Fort Road, Belgaum The High Class Restaurant in Belgaum , known for the variety of Vegetarian and Non-Vegetarian Dishes A rendezvous for the discriminating

Maharatta Tyre Co , 2971 Khade Bazar, Belgaum

M K SWAMY & SONS (Established 1920), Bakers and High Class Confectioners, No 6 Church Street, Camp, Belgaum

National Ice & Cold Storage, Goods Shed Road Belgaum

Ramnath Stores, Shri Krishna Nivas Market, Belgaum

Remington Rand Inc , College Road, Belgaum

Republic Machinery Corporation Kadolkar Lane, Belgaum

S G Phadke & Sons (Estd 1937) 3108, Khade Bazar Belgaum

Shevade's Camera Works Ltd , The, Manufacturers of all types of Cameras and Accessories, Thalakwadi, Belgaum

Social Service Provident Insurance Company Limited, The, 1524 1, Maruti Galli, Belgaum

Standard Engineering Construction Co of India 71 Church Street Camp Belgaum

V B Herwadkar Raviwar Peth, Belgaum Phone 159

Vasudeo & Sons, Bakers & General Merchants Agents 'The Times of India , 92, Church Street, Camp, Belgaum

Vijay Engineering & Machinery Co Ramdeo Galli, Belgaum

BIJAPUR DISTRICT

Headquarters Bijapur

Talukas Indi, Sindgi, Bijapur, Bagewadi, Muddebihal, Bagalkot, Hungund, Badami, Mudhol, Jamkhandi

Pethas Bilgi

Bijapur District lies roughly between 15°49' and 17°29' North Latitude and 75°19' and 76°32' East Longitude On the north it is separated by the river Bhima from Sholapur Dist Including the Akalkot Taluka, formerly a State , on the east and south-east it is bounded by Hyderabad on the south by the Districts of Dharwar and Belgaum, and on the west by the Districts of Satara South (also called Sangli) and Belgaum

In the final adjustment of the areas of the merged Deccan States in August 1950, Ramdurg Taluka was detached from Bijapur, while the State areas of Mudhol and Jamkhandi, the Gunadal Taluka of Aundh State, the Tikota Taluka of Kurundwad Senior and a few villages of Ramdurg State were kept Since the allotment of a Community Project Block to Bijapur district under the Five Year Plan , Bijapur has been divided into four sub divisions instead of three with their headquarters at Bijapur, Indi, Bagalkot and Jamkhandi

The area of the District since the exclusion of Ramdurg Taluka is reduced to about 6 601 sq miles and the population according to 1951 census is 1,396,185 The majority of the people are Lingayats Both Kannada and Marathi are spoken The court language is Kannada

The District has a rich soil but rains are uncertain, the average rainfall varying between 18 and 22 inches It is one of the famine districts of the State The staple crops are jowar and wheat but cotton, groundnut, bajri, pulses, linseed, sesamum and safflower are also largely grown Bijapur and Bagalkot are the two important market centres, the former exporting cotton, jowar, wheat, groundnut linseed, sesamum and bajri on an extensive scale Ilkal in Hungund Taluka and Guledgud in Badami are two other commercial centres Ilkal is known for 'Ilkal saris' the export of which exceeded 3 lakhs of rupees a year at one time Rabkavi, Mahalingpur and Terdal in Jamkhandi Taluka are three power loom centres, exporting fashionable sarees and petals on a large scale Handloom Industry is the main industry of the District with about 30,000 handlooms, employing nearly 150,000 weavers The work of the proposed cement factory at Bagalkot called the Bagalkot Cement Co Ltd with its managing agents Tendulkar Industries Ltd has now begun in right earnest and it is hoped that the factory will commence cement production within a period of two years from now The chief exports of Guledgud are Cholkhans

Bijapur is an ancient and historical town containing many monuments and relics of the past Badami is another historical place with tanks and temples coming down from ancient times Important Hindu pilgrimage centres are 'Rukmini Pandhi Samadhi' about three miles to the west of Bijapur town and the "Inchgeri Swami Math at Inchgeri in Indi Taluka

Towns with electric fittings are Bijapur, Bagalkot and Jamkhandi

The District is well supplied with rivers and water courses, like the Bhima, Dhon Krishna, Ghatprabha and Malprabha There are also many small streams

AGRICULTURE

Bijapur is mainly an agricultural district growing as stated above jowar, bajri, wheat, cotton, groundnut pulses, linseed, sesamum, and safflower There are two Agricultural Produce Market Committees one at Bijapur and the other at Bagalkot for the regulation of trade Jowar, bajri and wheat are exported on a large scale to deficit areas, while the money crops of cotton and groundnut are exported to Sholapur and Gokak Mills, and to Bombay and Marmugao respectively Linseed goes to Bombay and sesamum to Madras State while safflower is consumed by local Ghanis Grape is now widely cultivated by Bijapur gardeners, Babanagar on Bijapur Jath road about 12 miles from Bijapur being the chief grape producing centre Pomegranates are largely grown in Kolhar in Bagewadi Taluka and Kalatgi in Bagalkot Taluka

During the last ten years Bijapur has made remarkable progress in the cultivation of vegetables which are now abundantly grown spinach, cabbage, knolkohl, cauliflower tomatoes and beet-root Onions and betel leaves are also abundantly grown in Bagewadi taluka and are exported on a large scale each worth about Rs 1,00,000 annually

The importance of minor irrigation schemes was felt very acutely in Bijapur after the famine of 1946 Since then, seven lift irrigation schemes have been operating, irrigating about 15,000 acres of land in the Talukas of Bagewadi and Bagalkot on the river Krishna and Malaprabha Makanapur tank and Nandargi Talav in Bijapur Taluka were recently thrown open to agriculturists to irrigate about 2,000 acres During 1952 53 famine year five new Bandharas at Kudgi and Kulal in Indi taluka, at Gaddalmeri and Muntoji in Muddebihal and at Hiresingutti in Hungund were built as a scarcity relief measure which can irrigate about fifteen hundred acres of land During the same period 665 new irrigation wells—75 in Bijapur, 54 in Sindgi, 102 in Indi, 20 in Bagewadi, 183 in Mudhol and 231 in Jamkhandi at a cost of Rs 10,00,000 were sunk under the Planning Commission scheme Besides 1,576 new irrigation wells were sunk and 2,123 old wells repaired under the "Subsidy Scheme from 1945 to 1951'

COMMUNICATIONS

The Southern Railway runs right through the District from north to south connecting the District with Bombay in the north *via* Hotgi and Poona and in the south with Belgaum, Goa and Guntakal *via* Gadag and Hubli Bijapur District has nine Railway Stations, namely Jumnal, Mulwad, Telgi, Almatti, Sitimani, Karlimatti, Bagalkot, Katgeri and Badami in the south and eight railway stations in the north including Bijapur, Minchnal and Indi

The District s passenger bus services were nationalised with effect from March 25, 1949 The State buses are now operating throughout the District

The Bijapur Division of the Bombay State Transport Corporation has its headquarters at Bijapur, offices being located in the old forest bungalow and the passenger stand and the traffic department office at the Tasbavdi Arches It has recently shifted its workshop from the Sister Ghumbaz compound to the newly built one just outside the town on Bijapur Shedbal road It has opened seven big depots as operating units at Bijapur, Bagalkot Jamkhandi, and garages at Jath, Muddebihal, Athani and Guledgudd

A new high level bridge across the river, Krishna near Jamkhandi to facilitate commercial and other traffic throughout the year is now being completed Another bridge across a dangerous stream near Atharga on Bijapur Indi road has been completed Another big bridge on the river Bhima near Dhulkhed is under construction and will open the way for a through traffic from Bijapur to Sholapur, Poona and Bombay

HOSPITALS

There is a Government Civil Hospital with a maternity ward and an eye hospital with accommodation for indoor patients run partly by the Blind Relief Association and partly by Government at Bijapur, and two free dispensaries, one ayurvedic and the other allopathic conducted by the Bijapur Municipal Borough There are also maternity and child welfare homes, a leper asylum a remand home and an orphanage run on money from public charity

Bijapur District has more than 16 Government subsidised Dispensaries both ayurvedic and allopathic in taluka towns and important village centres conducted by the District Local Board The Board has also opened nine veterinary dispensaries at taluka towns Sixteen vaccinators, thirteen anti epidemic workers and a Touring Medical Officer are looking after the sanitation of the District under the District Health Officer, appointed by Government

EDUCATION

There is a first grade Arts College at Bijapur with F Y and Inter Science classes Another Arts College is located at Bagalkot with F Y , Inter Arts and Inter Science classes There are six Boys High Schools and one A K Girls High School at Bijapur and two at Bagalkot There is a Kindergarten School recently opened under the auspices of the ' Tilak Kanya Shala ' and conducted exclusively by the Bijapur " Mahila Mandal

There is a Government industrial school in addition to a leather tanning factory and a leather work school Government have opened an Agricultural School at Bagalkot

The Vijaya College was started in 1945 at Bijapur by the Bijapur Lingayat District Educational Association, Bijapur The college is affiliated to the Karnatak University, Dharwar

A new Wachanalaya called " Jay Hind for catering for the needs of Bijapur Marathi reading public was opened here recently

COMMERCE AND INDUSTRY

There is an oil mill at Bijapur providing labour to about 200 workers Bijapur has also two biscuit factories and two soap factories, five handloom centres at Dargah (a suburb of Bijapur), Terdal, Rabkavi and Bannatti (where several hundred handlooms, and about 60 power looms are operating to turn out a large variety of saris), 60 ginning factories working during cotton season only, slate and tile factories, glass bangles and copper and brass industries Country carpets and blankets are made in several villages in Bagalkot, Hungund, and Badami Talukas and Bilgi Petha There is a wool-weaving demonstration centre at Kundargi where weavers are trained in improved methods in wool-weaving A Government sheep breeding farm is situated at Anagwadi where improved types of wool are produced Fine white building stones are exported from Badami and grinding stones from Muddebihal Shahabadi type slatestones of various dimensions are quarried and exported in abundant quantities from Talikot, Kaladgi and Minajgi The Karnatak Glass and Mining Co , Ltd , has started a public company at Bagalkot for manufacturing glassware of all kinds Oil crushing is done by country ghanis throughout the District and soon oil expellers will be set up at Bagalkot

Since Dinajpur, the jute producing and exporting centre in Bengal, was included in East Bengal after partition, Bijapur s cotton business came practically to a standstill for want of jute bhatars, a covering for packing cotton, etc., Bijapur being a big cotton producing centre In 1949 an experiment on Ghayapati a wild plant was successfully made to use it as a suitable substitute for jute A special type of handloom to weave bhatars was prepared and this experiment too produced satisfactory results Since then, the industry made rapid progre s at Bijapur where there are at present more than a hundred looms working day and night producing hundreds of bhatars every day The new industry has been giving employment to about two thousand workers Bijapur has thus assumed the role of Dinajpur as a jute producing and exporting centre The plant is grown in abundance

Sarvodaya centre has been recently opened at Kaladgi in Bagalkot Taluka, Bijapur District, has been catering for the needs of cottage industries, weavers and others and besides helping the kisans for improving their agriculture with a view to implementing Government s Grow More Food Drive It is also extending its help to the poor in distress

MUNICIPAL BOROUGH

Bijapur Municipal Borough has recently chalked out a Master plan which has been approved by Government and its sanction for implementation is now awaited The town is being beautified by additions of new parks, one in each ward Accordingly two new parks one near the Anand Mahal called Gaganmahal Park and the other in the new Bazar are now fully developed

ADMINISTRATIVE PERSONNEL

Collector and District Magistrate H T Sadhwani I A S
Dist Agricultural Officer S R Dhareshwar
Asstt Co operative Officer S Sunderesan
Executive Engineer V V Kale
Sub Divisional Officer for Forests S K Chapgar
Civil Surgeon Bijapur D V Nadkarni
District Sales Tax Officer M L Natu
District and Sessions Judge N S Shrikhande
District Superintendent of Police S S Naik
Income tax Officer, Ward ' A V B Deshpande
Educational Inspector C S Bennur
Divisional Controller, State Transport, Bijapur Division Captain R H Desai
Assistant Collector and Project Officer, Indi K Sivaraj I A S
Additional District Magistrate and Prant Officer and also Personal Assistant to the Collector, Bijapur G S Betgeri
Huzur Deputy Collector H G Gajendragadkar
Prant Officer, Bagalkot Division C B Dcmello
Prant Officer Jamkhandi Division B S Koimattur
Assistant Superintendent of Police K R Medhekar, I P S
Additional Sessions Judge S R Joshi
District Inspector of Land Records M V Budhikoti

LAWYERS

A B Kankanwadi A C Angadi Government Pleader P G Sidhanti V P Parwatikar, S I Patil Khan Saheb V N Ilkal, K A Janvekar, G N Gokhale N P Desai, K S Deshpande, M P Ankalikar, S A Inamdar, G J Ajrekar, G L Kanbur, Asstt Public Prosecutor, K R Rao V A Ranade , V V Mudholkar, R S Deshpande , G V Hiremath , N F Elavia, Senior Police Prosecutor R N Kavi , R H Mangoli , J R Desai, L H Joshi, G B Mahaldar, A V Aibal M K Gandhi

EDUCATIONAL INSTITUTIONS

Vijay College, Bijapur
Shree Basaweshwar College, Bagalkot
Government Agricultural High School, Bijapur
Training College for Men, Bijapur
A K Girls' High School, Bijapur
Marathi Vidyalaya High School
P D J High School
Darbar High School
Shree Siddheshwar High School
Anjumen-E-Islam High School

LIBRARIES

The Bijapur Sarwajanik Wachanalaya has opened a free library called Muktadwar Granthalaya under the new library movement scheme sponsored by Government of Bombay which has given a free grant of Rs 4,000 to it per year

Shree Sidheswar Wachanalaya is another public library

ASSOCIATIONS AND CLUBS

The Primary School Teachers' Association,
Merchants' Association
Stationers' Association
Cloth Merchants' Association
Shroffs Association
Bijapur Municipal Employees' Association
Shikshan Prasarak Mandal

District Bailiffs' Association
District Government Servants' Association
Bijapur Section Writers' Association
Bijapur Bar Association
District Lingayat Educational Society
Union Club
Police Club
Shree Siddheshwar Club
Vanita Utkarsha Mandal
Government Officials Club
Bombay State Consumers Co operative Society Ltd

HOTELS

Arogya Nivas
Gujarathi Lodge

There are sixteen inspection bungalows at Bijapur, Bagalkot, Kumatgi, Zalki, Chadchan, Sindgi, Honwad, Kolhar, Mulwad, Mangoli, Kamatgi, Hungund, Kaladgi, Badami and Hippargi and rest houses at Badami and Bagewadi There is also a travellers' bungalow at Bijapur about a mile from the station with a mesman attached and a refreshment room at the railway station

CO-OPERATIVE BANKS

The Bijapur District Central Co-operative Bank Ltd, Bijapur (with branch offices at Bagalkot, Badami and Hungund and pay offices at Ilkal, Guledgudd and Talikoti)

The Union Bank of Bijapur & Sholapur Ltd (branches at Bagalkot, Bijapur, Sholapur, Athani and Ilkal, Bijapur being head office)

Mahalaxmi Urban Co-operative Bank

Siddheshwar Urban Co-operative Bank

The Bijapur Dist Govt Officials Urban Co-operative Credit Bank Ltd, Bijapur

The Shri Guru Govind Specie Bank, Ltd, Bijapur

The Bank of Citizens Ltd

COTTON MILLS

Karnatak Bhagyodaya Mfg Co Ltd 10,000 spindles and 2,000 looms Agent M A Patil, 1070, North Kasba, Sholapur City Mills at Bagalkot

TRADES & PROFESSIONS

Acharya V H, & Co, Cloth Merchants, Bijapur
Akki, B D, Dealer in Jiggly seeds, Cotton seeds, Foodgrains, Cotton, etc, Bijapur Tel Address Akki'

ALLIED AGENCIES, Azad Road, Bijapur

Amte, S N, Cap Mart, Hosiery and Readymade Clothes, New Bazar, Bijapur
Bagalkot Printing Works, Printers and Binders, Bagalkot, Dist Bijapur
Ballappa Golappa Golappanavar, General Merchant and Commission Agent, Bagalkot
B C Rudrakshi, Stationer, Iron and Hardware Merchant and Agent for Parle's Food Products, Parry's Pottery, Cooper's Agl Implements, Dhutapapashvar Avurvedic Medicines, Gandhi Road, Bagalkot
Basawanti, D S, Cloth Merchant, Bijapur Head Office Sholapur Branch Bijapur
Baxi General Stores, New Bazar, Bijapur Stationers, Cutlery, and Commission Agents Proprietor S A Baxi

B D HOOLI, Rajahunsa Tailors, New Bazar, Bijapur

Bhavi, V P, Cloth Merchant, Bijapur
Bhimappa Sangappa Handral, Wholesale Grocery Merchant, Bagalkot
Bijapur Cloth Trading Co, Wholesale Cloth Dealers, Bijapur
Bijapur Motor Transport Co, Ltd, Bijapur (Regd 1935) Tel Address Motors" Pioneer Motor Transport Operators in passenger and goods services on all important roads from Bijapur Contracts for sight seeing tourists, attended to the best satisfaction of the travelling public
Bijapur Motor Union Ltd, Gandhi Road, Bijapur Government Mail and Goods Transport Contractors
Bijapur Stores, Stationers and Newspaper Agents, Bijapur

***CHANKESHARA HIMMATLAL SURCHAND*, Cotton Seeds and Grain Merchants and Commission Agents, Bijapur (S Rly) F L No 655 S T No 45**

Channappa Parashuram Yadke, Silk Merchant and Commission Agent, Bagalkot
Corporation Bank Ltd, Bijapur
Dalichand M Shaha, Cycle Merchant, Opp Municipal Hall, Bijapur
Delheekar, R L, Moulana Azad Road, Bijapur
Deshpande's Indian Rhym Classical Dancing School, Bijapur
Devagirkar, N V, Cap Mart, Dealer in Readymade Clothes, Hosiery and Cloth, Vegetable Market, Bijapur

***DONGERCHAND HIRACHAND BROS.*, Merchants and Commission Agents, Dealers in Jaggery, Foodgrains, Oilseeds and Cotton, Bijapur Tel Address "WARDHAMAN"**

Dr S V Muddebihal, Chief Agent, The Asian Assurance Co, Ltd, Bombay, Bijapur
Gholker & Co, General Merchants and Commission Agents, Station Road, Bijapur
Grand Hotel, Boarding and Lodging, Bijapur Proprietor Doulatrao Chavan
Gundle, V B, Painter (Building, Water and Oil paints), Enlargements and Signboards, Sholapurkar Shegunshi Patil, Bijapur
Gurulingappa Rudrakshi and Veerappa Baligar, General Merchants and Commission Agents, and Dealers in Coconut Head Office Bagalkot Tel Address 'Shankar" Branch Office Trichinopoly (S I R) Tel Address 'Rudrakshi"
Haji Husensaheb Jahansaheb Maniyar, Stationer, Hardware Merchant and Commission Agent, Bijapur
Harsukh Balkisan, General Merchant and Commission Agent, Dealer in Foodgrains, Oil, Oil cakes, Oilseeds and Cotton, Bijapur
Heraiji, S S, Cloth Market, Bijapur Cloth Merchant and Dealer in Silver and Gold
Hitachintaka Printing Press, Printers and Publishers, Bijapur
Jamatraj Punamchand Oswal, Stationer and General Merchant New Bazar, Bijapur
Jambgi, D D, Bijapur Prop Saraswati Soda Factory.
Jamkhandi Agricultural and Allied Industries Ltd, Jamkhandi
Jog, N B, Gandhi Road, Bijapur Prop 'Arogya Nivas Boarding and Lodging
Joshi Bandhu, Dealer in Gold and Silver, Bijapur
Kale, K D, Timber Merchant and Contractor, Bijapur
Karandikar Bros, Bijapur (India)
Karnatak Engineering Co, Station Main Road, Bijapur Agents for Caltex Petroleum Products, Char Minar Cement, Asbestos Products and Marconeophone Radio
Katti, M R, Hardware and Iron Merchant and Commission Agent, Bijapur
Khembhavi Bros, Cotton Brokers and Commission Agents, Bijapur Tel Address 'Cotton"
Kolhatkar, R V, Newspaper Agent, Kakde & Sons, Pelecan and Pearl Toffee Agent and General Merchant and Commission Agent, Bijapur
Laxmi Stores, Gandhi Road, Bagalkot Stationery Merchants and Dealers in Watches Proprietors Kora & Bros

L N TORVI, Chemists, Druggists and Newspaper Agents, Mahatma Gandhi Road, Bijapur

Mahalaxmi Co, Ltd, Manufacturers, Merchants and Owners of Ginning and Pressing Factories, Oil Mills, Manure Works, Boiled Oil, Paints and Varnish Industry, Bijapur Tel Address 'Mahalaxmi' Manager G P Ankilkar
Mahantappa Channallappa Nidgundi, Banker, General Merchant and Commission Agent, Bagalkot Tel Address "Jayadevi'
Majid Auto Motor Repairing Works, Specialists in Motor Cycles and Cars, Main Road, Bijapur Prop N M Shaikh
Mallappa Karbasappa Surpur, General Merchant and Commission Agent, Bijapur Tel Address 'Kotikhani'

MALLIKARJUNAPPA TALIKOTI (Estd 1900), General Merchant and Commission Agent, Bijapur and Bagalkot Grams "TALIKOTI" Cotton L No A 273 Sales Tax No U A 25

MODERN MEDICAL STORES, Chemists and Druggists, Tilak Road, Godbole Mala, Bijapur (S Rly)

Modern Restaurant Boarding and Lodging, near Tripuri Sundari Talkies, Bijapur Prop N Yeshwantrao Jadhav

MOGALI, N I, Cap Factory and Readymade Clothes and Hosiery Merchant, Siddheshwar Road, Bijapur

New Bharat Engineering Co, Auto Stores and Machinery Merchants Prop J M Waikar
New Siddheshwar Printing and Litho Works, Azad Road, Bijapur
Nutan Ayurveda Karyalaya Ltd, Bijapur
Porwal, J C, Glass Bangles, Cutlery Merchant and Commission Agent, New Bazar, Bijapur
P S Apte, General Merchant and Commission Agent, New Bazar Bijapur

RADHA PRINTING WORKS, Publishers, Book-binders and Paper Rulers, Godbole Mala, Bijapur.

Rahimatbeg Ismail Beg Jamkhandi, General Merchant and Commission Agent, Bagalkot
Ramjee Davjee & Co, Bijapur, Owners of Oil Mills, Exporters of Ground Nuts, Oil Seeds, Cotton and Foodgrains Tel Address "Rayanwala" Telephone 38

RAMKRISHNA MEDICAL STORES, Chemists and Druggists, Koujalgi Building, New Bazar, Bijapur

Ranade, V V, Cloth Merchant, Bijapur
Revanshiddappa Sharnpapa Navadgi, Grocer and Sole Agent, "Kanam Devan Tea" for Bijapur District including Bijapur, Bijapur

R S. NAVADGI, Grocers and Principal Wholesale Dealers Head Office: Bijapur (S. Rly). Grams: "ADVENTURE."

Sangappa Basawantappa Shirolkar, Fruit Merchant, New Market, Bijapur

Sanglikar, I M , Dealer in Imperial Tobacco, Motor and Cycle Tyres, Bijapur

Seth, V B , Darbar, Money lender, Dealer in Gold, Silver, Cloth and Yarn, Bijapur

Sha, Bhagchand Tarachand, General Merchant and Commission Agent, Bagalkot

Sha, Najindas Namchand, Stationer and General Merchant, Mudhol State

Shah, Ganpatchand Padamchand, Cotton Broker, Jaggery Merchant, Bijapur

SHAH PUSALAL CHHOTMAL, Merchant and Commission Agent, Bijapur (S Rly) Phone · 66 Grams : "RUNWAL "

SHAH SHIVRAJ JEETMAL, General Merchant and Commission Agent, Bijapur (S Rly) S T U A 100, No 4 S L A 95 Phone : 65 Grams : "NANDALAL "

Shashikala Stores, Stationers, Jewellery, Embroidery and Tailoring Materials, Bijapur

Shorthand and Typewriting Speed Classes for Ladies and Gents, near Union Bank of Bijapur and Sholapur Ltd , Bijapur

Shree Ganesh Pictures, Film Distributors, Bijapur

Shree Laxmi Narasimha Ghee Stores, Ghee and Vegetable Products Merchants, Chandabavdi Road, Bijapur

SHREE RAM AGENCY, Chemists and Druggists, Bijapur (S Rly) Prop R N Gokhale

Shree Shakti Talkies, Premier Talkies in Karnatak Prop V V Sakri, Station Road, Bagalkot

Shrikant Soda Water Factory, New Market, Gandhi Chowk, Bijapur Prop Sharan, S G

Shri Mallikarjun Cap Mart, Readymade Clothes Merchants and Dealers in Cloth and Hosiery, Bijapur

Soma, S B , Iron and Hardware Merchant, Shree Siddheshwar Road, Bijapur

Subhash Cloth Stores, Gandhi Chowk, New Market, Bijapur

Sugandhi, V Y , New Bazar, Bijapur

Sugarcane Products and Industries Ltd , Bijapur Managing Agents Vinayakrao P Desai & Co

Sukhlal Lachharam Rejabanshi, Wine Merchant, Bijapur

Suryawanshi Engineering Works, Main Road, Bijapur

Sutar, A M , Timber Merchant, Building Contractor and Furniture Maker, Bijapur

Swadeshi Mill Cloth Stores, New Market, Bijapur

Swadeshi Stores, Bagalkot Dealers in Stationery, Medicines, Jewellery, Cutlery, Cycles and Fancy Goods

Tadvalkar, R B , General Merchant and Commission Agent, Bijapur

Totappa Murgeppa Katti, General Merchant and Commission Agent, Mudhol State

Totappa Sanganbasappa Devangavi, Stationer and Hardware Merchant, Bagalkot

Uttamchand Kedarimal Oswal, Stationer and General Merchant, Bijapur

Venkanna Naik Savnur, Commission Agent, Bagalkot

Venkatesh Ramrao Kulkarni, Cotton Merchant and Commission Agent, Bijapur Tel Address 'Mohan

Veerappa Shrishelayya Vastrad, Cloth Merchant, Bagalkot

Vijay Engineering and Machinery Co 372 Siddheshwar Road, Adat Bazar Bijapur

BROACH DISTRICT

Headquarters Broach

Sub-Division Rajpipla

Talukas or Mahals Broach, Vagra, Amod, Jambusar, Ankleshwar, Hansot, Nandod, Jhaghadia, Valia, Dediapada, Segbara

Broach District is bounded on the north by the river Mahi, on the east and south east by Baroda District, on the south by the river Kim and on the west by the Gulf of Cambay

The area of the District is 2,911 sq miles and the population according to 1951 census 706,035 The language spoken is Gujarati

The soil is of the black cotton variety and is highly fertile, producing the famous Broach cotton, one of the best in India Other agricultural produce includes wheat and lang Timber, charcoal and some kinds of forest produce are available owing to the merger of the State of Rajpipla with the District

There are two textile mills in the District (both in Broach City) and 39 ginning and pressing factories out of which three are in Broach, one in Derol, Broach town and the rest in other towns like Palej, Jambusar, Rajpipla, Jhaghadia and Amod The factory at Derol is run by the Broach District Ginning and Pressing Society formed by the agriculturists of the District

The main line of communication is the Western Railway which runs through the District from south to north

Broach, the headquarters which stands on the river Narbada and the Western Railway main line was in former days the seat of a great and flourishing trade With the growth of Bombay, however, it suffered eclipse and the weaving industry has also declined Broach is one of the oldest seaports in Western India and is still a prominent port for country craft The city has a fair, a dharmasala and a P W D inspection bungalow

OFFICIALS

Collector and District Magistrate Chandrakant V Bhat, M A (Lond)

District and Sessions Judge Sumantral C Bhat

District Superintendent of Police S P Karnik

District Medical Officer R H Desai, M B B S , B M S

District Health Officer P B Gunte (*Vice* Dr Adval—*on leave*)

District Sales Tax Officer P D Karandiker

Income Tax Officers J J Patel, B A , LL B (*Ward A*), R S Jadav, A C A (*Ward B*)

Asstt Registrar, Co-operative Societies · A I Pathan

District Agricultural Officers P C Mehta.

District Educational Inspector M J Dave

Administrative Officer, Broach District School Board I M Patel B A , B T

Administrative Officer, Broach Municipal School Board J A Rawal

District Engineer A V Vora

District Forest Officer D M Harvatte

President of the District Local Board Dahyabhai H Patel B A LL B

President of the Broach Borough Municipality Palejar Jamshedji Vakharia

District Malaria Officer P B Gunte

BANKS

Imperial Bank of India Broach Branch, Tower Road, Broach

Co-operative Bank, Lallubhai Chakla, Broach

Dena Bank (Branch), Lallubhai Chakla, Broach

Central Bank of India, Lallubhai Chakla, Broach

Narbada Banking Co (Private), Ranchhodji's Slope, Broach

MILLS

BROACH FINE COUNTS SPINNING AND WEAVING CO , LTD (formerly Broach Industrial Cotton Spg & Wvg Co , Ltd), Spindles 28,848, Looms 542 , Agents Brijlal Bilaarai & Co , Agakhan Building, Dalal Street, Fort, Bombay Mills at Mahatma Gandhi Road, near Station, Broach

GOPAL MILLS CO , LTD (formerly Whittle Spg & Mfg Co , Ltd Nos 1, 2 & 3), Spindles 21,748, Looms 652, Agents Nanddas Haridas & Co , c/o The Vijaya Mills Co , Ltd , Naroda Road, Railwaypura Post, Ahmedabad No 2 Mills at Mahatma Gandhi Road, Broach

LIBRARIES

Raychand Dipchand Library, near Tower, Broach

Nrisinh Library, Jawahar Bazar, Broach

Rashtra Bhasha Prachar Library, Jawahar Bazar, Broach

Dadabhai Naorojji Library, Zadeswari Durwaja, Broach

HOSPITALS

The Government Civil Hospital , The Sevashram Hospital , Aminabai and Mangalabai Municipal Dispensaries for women , Bhabha Maternity Home

NEWSPAPERS & PERIODICALS

" BROACH SAMACHAR "—Weekly —Gujarati

" JIWAN SADHNA "—Weekly —Gujarati

TRADES & PROFESSIONS

Adarjee Mancherjee Dalal & Co, General Merchants, Government Contractors and Commission Agents, Broach

Asha Art Printing, Hajikha Bazar, Broach

Bharat Medical Stores, Katopore Bazar, Broach

Broach Fine Counts Spg & Wvg Co, Ltd, Station Road, Broach

Broach Industrial Cotton Spinning & Weaving Co, Ltd Mahamadpura Broach

Climax Engineering Co, Ltd, Mahatma Gandhi Road, Broach, Manufacturers of Textile Mill Machinery and Spare Parts

Mehta & Co, Rangwala, Head Office Katopore Bazar, Broach

Napier & Sons, Merchants and Commission Agents, Broach.

Sjt Hiralal Thakorelal Dalal, Nagarseth Street, Broach

Zaveri, C B, Kesuremama s Chakla, Mill, Gin, Furnisher, Export and Import Merchant and Agent, Broach

DANGS DISTRICT

Headquarters Ahwa

Taluka Dangs

Dangs District lies between north latitude 20 38 and 21°3, east longitude 73 28 and 73 57 The area is about 658 sq miles and the population 47,282 Waghai (Dangs), the terminus of the Billimora Waghai line on the Western Railway, is 171 miles by rail from Bombay Central Station There are regular State Transport Bus Services throughout the year from Waghai and during fair season from Billimora and Nawapur, to Ahwa the headquarters of the District

The languages spoken are Marathi and Gujarati Marathi is the official language The inhabitants are mostly Bhils Kundis and Warlis

There are rich teak forests which form the principal source of revenue, Dangs teak being considered as second only to Kanara teak in quality

There is a P W D rest house at Ahwa and there are 22 forest rest houses at various places in the District

OFFICIALS

Collector and District Magistrate D B Kamble, M A LL B I A S
District Publicity Officer, Dangs, Ahwa, K P Kelaskar, B A
Chief Medical Officer, Dr M S Dave, M B B S
Deputy Educational Inspector, I U Kalagdi, B A, B T
Deputy Engineer Project Sub Division, Dangs D N Wakankar
Deputy Engineer, P W D Dangs, S D Sighat, B E (Civil)
Divisional Forest Officer, N S Kalkaini, B Sc
District Agricultural Officer, D M Kulkarni B Ag
District Co operative Officer P L Udawant

DHARWAR DISTRICT

Headquarters Dharwar

Talukas Hubli, Gadag, Navalgund, Haveri, Shiggaon, Hangal, Ron, Kalghatgi, Dharwar, Ranebennur, Hirekerur, Shirhatti

Pethas Mundargi, Nargund, Byadgi, Kundgol

Dharwar District is bounded on the north by the Districts of Belgaum and Bijapur, on the south by the State of Mysore, on the east by Hyderabad State and the Bellary District of Mysore State, and on the west by the District of North Kanara The area of the District is 5,305 square miles and the population according to 1951 census 1,575,386 Dharwar District is roughly divided into two belts, characterised by differences of configuration, soil and products To the north and north east spread vast unbroken plains of black cotton soil which produce wheat and abundant cotton crops Dharwar is the biggest cotton growing District in Bombay The western belt of the District is traversed by low hills, this tract consists of a succession of low ranges covered with herbage and brushwood The ranges are separated by flat valleys, and it is to these valleys and the lower slopes of the hills that cultivation is chiefly confined Farther west the country is still more hilly, and the trees increase in size towards the frontier of North Kanara In former times Dharwar is said to have yielded gold in abundance, and companies were formed thoroughly to develop the auriferous deposits but their operations have ceased But the Geological Survey of the Government of India have ordered a fresh survey of areas in the Gadag Taluka with a view to discovering possible gold deposits The survey work has been completed, but the results are not yet known The Basel Mission carries on social and educational work Dharwar, the headquarters town, is a station on the Southern Railway and is the cultural centre of the Kannada speaking regions of Bombay It is also the seat of the newly established Karnatak University and a broadcasting station of All India Radio started functioning in January 1950 Dharwar has two Arts and Science colleges, a college of Agriculture, a college of Forestry and a Kannada Research Institute The city of Hubli, 12 miles from Dharwar, is the biggest city in the District and is an important railway junction on the Southern Railway, with a railway workshop, an Arts College, a college of Engineering and a college of Commerce Hubli is also known for its textile industry The town of Gadag is another centre noted for its textile industry

OFFICIALS

Collector and District Magistrate D D Sathe, I C S
District and Sessions Judge G H Guggali
District Superintendent of Police L F Deboo
Civil Surgeon M Z Abedeen
Medical Officer of Health M R Dhamdhere
Executive Engineer D S Nadkarni
Executive Engineer, Irrigation Division N B Kudalkar
Executive Engineer, Irrigation Projects D B Kankanwadi
Executive Engineer, Karnatak Public Health Works Division I V Ganpule
Superintending Engineer, Karnatak Irrigation Circle A G Naik
Divisional Forest Officer, Dharwar V N Nadgir
Divisional Forest Officer, Kanara (Eastern) R D Joshi
Divisional Forest Officer, Kanara (Northern) S R Umbarji
Income Tax Officers G S Sampat, A K R Prabhu, M H Mirde C G Navali
District Agricultural Officer T F Handral
District Co operative Officer M H Chhebbi
Assistant Registrar, Co operative Societies C A Jamkhandimath
Executive Engineer Jog Electric Grid G T Sathe, Hubli
Sub Regional Employment Exchange Officer, Hubli O W Prahlad
District Traffic Superintendent, Southern Railway, Hubli P R Krishnaswamy
Sales Tax Officer, Dharwar and Kanara, Hubli M U Hindlekar
Sales Tax Officer, Gadag Division V R Pandurangi
District Educational Officer, Dharwar K B Iergaonkar
Governor, Borstal School, Dharwar D M Jalegaonkar
Asstt Station Director, All India Radio, Dharwar Dr A M Natesh
Regional Publicity Officer B G Kulkarni
District Publicity Officer S H Patil

KARNATAK UNIVERSITY

Chancellor, Girja Shankar Bajpai, Governor of Bombay
Vice Chancellor, C C Hulkoti, B A, L L B
Registrar, Dr S C Nandimath, M A Ph D (London)

THE DEANS OF THE VARIOUS FACULTIES

Arts, Principal V K Gokak, Karnatak College, *Science*, Principal G S Paramasivayya, Lingaraj College, Belgaum, *Law*, Prof V A Majumdar, R L Law College, Belgaum, *Engineering*, Principal A S Menon, B V Bhoomaraddi College of Engineering and Technology, Hubli, *Agriculture*, V C Pawate

EDUCATIONAL INSTITUTIONS

Karnatak Arts and Science College, Dharwar
College of Agriculture, Dharwar
Janata Education Society s Science and Banashankari Arts College, Dharwar
Kadasiddheshwar Arts College, Hubli
Govt Training College for Men Dharwar
Karnatak University (Post graduate instruction in Kannada, Chemistry, Statistics and Geology)
D V Halbhavi s School of Art, Dharwar
Kannada Research Institute, Dharwar
Graduate Basic Training Centre Dharwar
Jagadguru Gangadhar College of Commerce, Hubli
B V Bhoomaraddi College of Engineering and Technology, Hubli
Govt Training College for Women, Dharwar

SOCIETIES

The Karnatak Vidya Vardhak Sangha, Dharwar
The Karnatak Historical Research Society, Dharwar
The Sanskrit Patashala, Dharwar
The Hindi Prachar Sabha (Karnatak Branch), Dharwar

MARATHI VANGMAYA PRIMI MANDAL GADAG

Aims To promote goodwill and co operation among the Marathi and Kannada speaking people of the State to give facilities for reading writing and lectures and to provide for all such cultural activities

The Mandal owns a building, where it runs a free reading room Marathi, Kannada Hindi and English papers and periodicals are made available for the public It maintains a library which supplies Marathi books to its members Membership is open to all

Every year it celebrates anniversaries of three great religious literary and political leaders of Karnatak and Maharashtra besides the usual routine celebrations It conducts an Arogya branch where medical help and nursing implements are given at a low cost A room is kept for travellers

VANITA SEVA SAMAJ DHARWAR

The only institution of its kind in Karnatak It was founded by Mrs Bhagirathibai Purank for promoting the Welfare Social and Educational uplift of women The Samaj now runs a primary and a secondary school for girls and a Training College for Women It conducts a free dispensary and maternity home and provides arrangements for imparting training in various crafts and professions It owns buildings including a hostel to accommodate about a hundred girls The Institution is recognised by Government is a Remand Home for admission of girl delinquents

KARNATAK MAHILA VIDYAPITH, HUBLI

(Founded in 1950 by Mr V V Patil and Mrs Nagamma Patil)

It runs a primary school for girls and a Training College for women has a hostel for girls

LIBRARIES

Karnatak Granthalaya (Regional Library), Dharwar
Kannada Research Institute Library (Open to public)
Karnatak University Library (Open to public)
Saraswati Vidyaranya Vachanalaya, Hubli

KARNATAK CHAMBER OF COMMERCE
Hubli

The Karnatak Chamber of Commerce was established in 1920 with a view to protecting the interest of merchants and industrialists in Bombay, Madras, Mysore, Hyderabad and Karnatak

The Chamber is recognised by the Government of India and is represented on the Board of Communications and Industrial Advisory Council of Bombay State, Karnatak University, Bombay Regional Posts & Telegraphs Advisory Committee and the Southern Railway Users Consultative Committee, Mysore

President—S S Yelamali, Gadag

Vice Presidents—Murigeppa Chigateri, Davangere, Vithobasa H Kabade, Gadag, Sha Ramaji Devaji, Bijapur

Hon Secretaries—M S Jengin, Bagalkot, R V Sirur, Hubli, I V Wali, Hubli

NEWSPAPERS & PERIODICALS

ANKUSHA —Weekly Kannada
'JAI HIND —Weekly—Kannada
'JAYA KARNATAK'—Monthly and Weekly—Kannada
JAYANTI —Monthly —Kannada
KALIYUGA —Monthly —Kannada
KANNADIGA —Weekly—Kannada
KARMAVIR —Weekly—Kannada
KARNATAK BHANDHU —Weekly—Kannada
KARNATAKA VANIJYA —Quarterly—Kannada and English
LOKAMITRA —Weekly—Kannada
NAVAHIWAN Monthly Kannada
NAVAYUG —Daily—Kannada
SAMAJ VIKAS —Weekly Kannada
SAMYUKTA KARNATAK —Daily—Kannada
SWATANTRA —Daily—Kannada
VIKAS —Monthly Kannada
VISHAL KARNATAK —Daily—Kannada

COTTON MILLS

BHARAT SPG & WVG CO, LTD No 1 & No 2 Spindles 28 904, Looms 604 Bleaching Dyeing and Finishing Managing Agents Purshotam Govindji & Co, Gool Mansion, Homji Street, Fort, Bombay Mills at Hubli

NARAYANDAS CHUNILAL COTTON SPINNING AND WEAVING MILLS (formerly Gadag Cotton Spinning & Weaving Mills) Spindles 12 824, Looms 214 Proprietor Narayandas Chunilal, 312, Kalbadevi Road Bombay Mills at Gadag

TRADES & PROFESSIONS

Akki, B D, Dealer in Jiggley Seeds, Cotton Seeds, Foodgrains and Cotton, Hubli (Dharwar Dist)

Gokuldas Vithaldas Warkar Gunny Merchant and Commission Agent, Gadag, Southern Rly

Hosmani & Co Hubli Tel Address UNITY Telephone No 62 Prop of Shri Gajanan Dal & Flour Mills

Imperial Bank of India, Hubli

MADIMAN, G N, & SONS, Cotton Commission Agents, Merchants and Bankers Agents Standard-Vacuum Oil Company, for all their products Proprietors Shri Laxmi Ginning and Manufacturing Co and Shri Laxmi Oil Mills P O Box No 2, Hubli Tel Address "MADIMAN" Telephone No 15

EAST KHANDESH DISTRICT

Headquarters Jalgaon

Talukas Chalisgaon, Amalner, Parola, Chopda, Erandol, Pachora, Jamner, Jalgaon, Yaval, Raver, Bhusawal

Mahals Edlabad, Bhadgaon

East Khandesh, with Jalgaon as capital, is the eastern most District in Bombay State It is bounded on the north by the Satpura Mountains and Madhya Bharat State, on the east by Nimar and Berar, on the south by Hyderabad State, and on the west by Nasik and West Khandesh Districts

The area of the District is 4,535 sq miles and the population according to 1951 census 1,471,351 The main population of the District is composed of Levas and Marathas, with a good percentage of Bhils, Vanjaris and other hill tribes Levas, who are supposed to be the descendants of Lahu, the son of Rama, are said to have migrated to the District in the 11th century Their language is a peculiar mixture of Gujarati, Marathi and Hindi and is called Ahirani The District has very rich black soil, specially in the trans Tapti Talukas, and is among the Districts which yield the highest revenue

AGRICULTURE

The most important crops are cotton, groundnuts, jawar, bajri, gram, millet, linseed and sesamum The most important garden crops are chillis, corriander, melons, watermelons, betel leaf, bananas, mosambis and santra North India is a lucrative export market for bananas for the sale of which co-operative limited companies have been established at Jalgaon and Jamner The bananas are now marketed by the State Co operative Marketing Board in Delhi

Cotton and groundnut are even more important 20 per cent of all the cotton produced in Bombay State comes from this District The cotton is classed as Jarila which new variety wholly replaced the old variety called Oomra in 1944 Jarila cotton is finer than Broach and fetches a higher price Government have a special agricultural farm at Jalgaon for improving Jarila still further specially in regard to ginning percentage A new variety of Jarila known as 197 3, gives 4 per cent more ginning This is now widely sown in East Khandesh, West Khandesh and Nasik districts Bombay Government have this year introduced C O 4 (Cambodia), by importing seed from Madras This is a long staple cotton and the yield per acre is much higher and can only be put under cultivation, if there are irrigation facilities 3,000 acres of land are under cultivation of this variety during the current year Bombay Government have, however this year, relaxed restrictions on the compulsory cultivation of Jarila cotton, so as to increase cotton production in general This has led to an increase in acreage under cotton, the current year s acreage being three lakhs

About 25 per cent of the groundnut produced in the State comes from East Khandesh There has been a sharp fall in acreage under groundnut owing to unfavourable weather conditions during successive years There is a large export trade in groundnut oil and hydrogenated oil or vanaspati

COMMUNICATIONS

The Central Railway is the main line of communication and between its various lines traverse the whole length and most of the breadth of the District

The Imperial Bank has a branch at Jalgaon and there are nine other banks in the town

Jalgaon is the biggest town and District headquarters, a great trade centre, and also an educational centre The M I Arts & Science College teaches upto B A and B Sc degrees There is also a Government Agriculture School, besides a number of private high schools There is a travellers bungalow about two furlongs from the station The town is an important junction on the Central Railway The town is 37 miles from Ajanta Caves and a regular State Transport buses traffic exists from Jalgaon to Ajanta Bhusawal is the biggest railway junction after Bombay on the Central Railway Amalner is the biggest cotton centre in the District Other towns in the District with a population of over 30,000 are Chopda and Chalisgaon

The geography of the District is worth a note The District of Khandesh is not part of the Deccan, but is the lower part of the basin of the Tapti, and the whole of the basins of the Girna and its affluents East Khandesh comprises the eastern portion of these basins and is entirely watered by these two rivers and their affluents There are a number of small irregular hill ranges in the District In the valley between these, and more especially in the valley of the Tapti proper, the District presents an extraordinarily fertile appearance In this respect it differs widely from the Deccan The roads are bordered with fine trees and there are several mango groves around most villages

The Satpura mountains in the north consist of difficult uninhabited country which, however, produces excellent bamboos and grass, and timber suitable to the needs of the local population

The river Tapti in this District is used neither for watering fields nor for boat traffic The height of the banks has hitherto prevented successful irrigation The rainfall (mean annual is 28 27 inches) is usually both general and regular, which fact in itself discourages irrigation The trade follows the different railway lines serving the District Khandesh rivers and streams abound in fish There are no fishing rights nor any Government control Good shikar is available in the forest area round Ghodasgaon and Pal in Edlabad Peta

OFFICIALS

Collector and District Magistrate, S E Sukhtankar, I A S
District Agricultural Officer, R D Gaitonde
District Co operative Officer, B S Choudhari
District Engineer, D S Tambekar
District Forest Officer, S A Mudkar
District Health Officer, Dr G N Niyogi
District Malaria Control Scheme Officer, S V Kulkarni
District Sales Tax Officer I G Pangarkar
District and Sessions Judge J R Nazareth, M A , LL B
District Superintendent of Police, A H Khan, I P
Income tax Officers, K S Godse , S Y Raje Pandhare
Inspector of Schools, N G Save
Additional Sessions Judge, R M Mehta
Civil Judge, Senior Division, Jalgaon A M Shaikh
Head Master, Government Agricultural High School S S Surve

PRATAP COLLEGE OF SCIENCE AND ARTS, Amalner

This College, now affiliated to the University of Poona, is conducted by the Khandesh Education Society, Amalner Shrimant Pratap Shet, a leading industrialist of Khandesh has been the elected president of the society continuously for over 30 years

The Pratap College started in June 1945, became a degree college in June 1946 Since 1948 M A Classes were allowed to be opened Two spacious buildings of hostels have been erected on the premises of the college one of which is named as Shri Sou Bhagirathibai Pratap Shet hostel. These two buildings provide accommodation for about 160 students A separate arrangement for lady students is also made

Khandesh being a comparatively backward area, students are given intense coaching and instruction Best English pictures are shown to the students with the help of a 16 mm projector machine Debating unions, sports like foot-ball, hockey, volley ball and hu-tu-tu are being played by a large number of students every day

KHANDESH COLLEGE EDUCATION SOCIETY'S MOOLJEE JAITHA ARTS & SCIENCE COLLEGE, Jalgaon

The College was started in June 1945 by the Khandesh College Education Society, Jalgaon It is serving the long felt need of higher education of the District of East Khandesh wherein the number of high schools is fast increasing The institution has been singularly lucky in securing the patronage of Shreeman Sheth Chatrabhuj Govardhandas, the present heir of the family Mooljee Jaithas of Bombay The college has a site of thirty acres situated outside the town in the vicinity of the revenue buildings In June 1947 the college was raised to a full grade institution both on the Arts and Science sides

VALLABHDAS VALJI GENERAL LIBRARY Jalgaon

The library was established in July 1877 Mr Polon donated Rs 500 and persuaded the firm of Mooljl Jetha and Co , to donate a sum of Rs 4,000, in memory of Vallabhdas Valji Shet, after whom the institution is named It is the oldest library in the District and was registered in 1912 In 1947, the library was recognised as a District library under the new scheme of the Bombay Government, and admission is free to the public It is managed by a committee of nine elected members and one nominated by the Government

The library conducts an annual lecture series, a study circle, and a magazine section It took the initiative in forming the East Khandesh Library Association, Jalgaon, E Khandesh

President —Dr D L Athawale, D O , *Secretary* —D V Kulkarni, M A , B T

INDUSTRIES

The main industry is based on agriculture There are 37 oil mills in the District, besides several bullock driven presses Two vegetable factories one at Pachora and another at Amalner employ 750 and 250 workers respectively There is a silk mill at Pimprale, with 30 looms, employing 110 workers

There are in the whole District five spinning and weaving factories, 97 cotton ginning and pressing mills, ten dyeing factories, three big railway workshops (at Bhusawal) all employing more than 28,000 people

Important weaving centres in the District include Nasirabad, Erandol, Dharangaon and Parola Paper is manufactured on a small scale by hand-made process at Erandol and Government are encouraging the industry

COTTON MILLS

GENDALAL MILLS LTD (formerly Bhagrath Spg & Mfg Co, Ltd), Spindles 12,504, Looms 368, Managing Director Surajmal Gendalal Badjatia. Office on Mill premises Mills at Jalgaon, E Khandesh

KHANDESH SPG & WVG MILLS CO, LTD, Spindles 22,040, Looms 465, Secretaries & Treasurers Indra Singh & Sons, Ltd, Cambatta Building, 42-A, Queen's Road, Back Bay Reclamation, Fort, Bombay Mills at Jalgaon, E Khandesh

PRATAP SPG, WVG & MFG CO, LTD (Nos 1 & 2), Spindles 48,952, Looms 1,086, Agents Motilal Maneckchand & Co, Office on Mill premises Mills at Amalner, East Khandesh

NEWSPAPERS & PERIODICALS

'BATMIDAR'—Weekly—Marathi
"BHAVSAR'—Weekly—Marathi
"JANASEVAK'—Weekly—Marathi
"PRABODH CHANDRIKA—Weekly—Marathi.
"RASHTRA SEVAK'—Weekly—Marathi
"VARTA VIHAR—Weekly—Marathi

BANKS

Imperial Bank of India, Jalgaon
East Khandesh Central Co-operative Bank Ltd
Jalgaon People's Co operative Bank Ltd

TRADES & PROFESSIONS

Ashok Chemical and Pharmaceutical Works, Bombay & Jalgaon Manufacturers of Genuine & High Class Ayurvedic Pharmaceuticals, P O Box No 40 Jalgaon (E K)

BHARAT AGENCIES, Mahatma Gandhi Road, Jalgaon (E K)

Deccan Engineering and Trade Services, Ganesh Building, Maheji Bazar, Jalgaon (E K)

Deshmukh Brothers, Jalgaon, Distributors for Messrs Kirloskar Brothers Limited Kirloskar Oil Engines Ltd, Parry & Co Ltd, Messrs Ogale Glass Works Ltd, Lakaki Works Ltd

THE EAST KHANDESH CENTRAL CO-OPERATIVE BANK, LTD

Registered under the Co operative Societies' Act of 1925

HEAD OFFICE JAIGAON

Telephone No 354 Telegraphic "EKCOBANK"

AUTHORISED CAPITAL	Rs	25,00,000
PAID UP CAPITAL	Rs	15,04,600
RESERVE AND OTHER FUNDS	Rs	18,65,482
FINANCE TO SOCIETIES	Rs	1,35,61,640

BRANCHES At all the Taluka towns and petas and important commercial towns

Chairman SHRI J S PATEL, B A, LL B, M I A

Vice Chairman M G PATIL, M L A

Administrative Officer W D SALUNKHE B Ag (Hons), Retired Deputy Registrar of Co operative Societies

Managing Director R Y SONAWANE, B A

Jalgaon Medical Stores, Chemists, Druggists and General Merchants, Navipeth, Jalgaon (E K)

Khandesh Ayurvedic Pharmacy, Jalgaon (E K) Manufacturers of Scientific and Most Effective Medicines

KHANDESH SPORTS, JALGAON (E.K.).

Manufacturers of Physical Training Apparatus such as wooden clubs Dumb-bells, Lagori, Lazims and Wands, etc, and Dealers in sports goods and presentation articles

M K Patel & Co, Mill Gin Store Suppliers, Jalgaon (E K)

Oriental Government Security Life Assurance Co Ltd, Inspectorate Office 70 Navi Peth, Jalgaon

Prakash Stores, Baliram Peth, Jalgaon (E K)

RADHAKRISHNA MEDICAL STORES, Maheji Bazar, Jalgaon (E K) Direct Importers, Dealers in Drugs, Medicines, Chemicals, Provisions, Toilet requisites and general Merchants

Sewashram, Lodging and Boarding House, Jalgaon (E K)

United Trading Corporation, Wholesale Chemists, Druggists and General Merchants, Polar Peth, Jalgaon (E K)

KAIRA DISTRICT

Headquarters Kaira (Revenue), Nadiad (Judicial)

Talukas and Mahals Matar, Mahemdabad, Nadiad, Kapadvanj, Anand, Borsad, Thasra, Balasinor, Cambay, Petlad

Kaira District lies between North Latitude 22°14′ and 23°7′ and East Longitude 72°30′ and 73°23 It is bounded on the north by the Ahmedabad and Sabarkantha Districts, on the south by the Baroda District, on the east by the Mahi River and Panch Mahals District, on the west by the Ahmedabad District and the Bay of Cambay The former princely States of Cambay, Balasinor Ghodasar and part of Baroda have merged in this District so that its limits now extend upto the Panch Mahals and the Bay of Cambay The population of the District according to the 1951 census is 1 612 426, area, 2,542 square miles The language spoken is Gujarati

Nadiad is the largest town in the District and the seat of the District and Sessions Judges Courts the District Local Board Sales Tax and Income Tax Departments The revenue headquarters, however, is Kaira, where also the head post office and the District and Civil hospital and police lines are located Nadiad, Kapadvanj Umreth, Dakor, Anand, Petlad and Cambay are the only towns which are supplied with electric power, and local telephone facilities are available only in Nadiad Petlad Anand and Kapadvanj Trunk calls however can be made from Nadiad Petlad Anand Kapadvanj and Cambay Nadiad Petlad and Anand are also railway junctions the first for Kapadvanj the second for Dakor Godhra Petlad Cambay and the third for Bhadran Sojitra etc The railway authorities have connected the Pij Petlad Railway with Nadiad and hence there is direct Railway from Nadiad to Bhadran There is a network of State bus services in the District

Petlad is another industrial town Cambay is the only port in the District

Tobacco which is suitable for the manufacture of cigarettes is grown in Kaira District while at Sevalia in the Thasra Taluka the Associated Cement Co, Ltd has started a cement factory where daily one hundred tons cement is manufactured

The Government of India have opened a tobacco research institute at Anand The Mahi, the Vatrak and the Meshwo irrigation schemes have been taken up by the Government Waterworks schemes with drainage sponsored by the Nadiad Municipality has been completed and drainage has been undertaken In addition a scheme has been operating this year at Kaira and schemes of water works have been undertaken at Anand Umreth and Ode

Nadiad is also the Headquarters of the State Transport for Ahmedabad Kaira and Panch Mahals

Electricity is supplied in various places under the North Gujarat Electric Grid Scheme Nadiad and Anand are the sub stations

OFFICIALS

Collector and District Magistrate Phimbhai M Desai
District Supply Officer N V Vanker
Assistant Registrar Co operative Societies J S Barot
Executive Engineer (P W D) M D Kale
Chief Medical Officer I C Dalal
District Sales Tax Officer R K Gupte
District Superintendent of Police, V B Shanbag
Inspector of Schools V D Varde
District and Sessions Judge V D Teste
Assistant District and Sessions Judge M K Thakor
Civil Judge (S D) M B Desai
Civil Judge (S D) S N Rizvi
Resident P C Magistrate P P Patel
Addl Res P C Magistrate, K N Purohit
Income tax Officer Sadat
Head Master, Govt High School, V N Hingorani

COLLEGES

J J College of Science Nadiad
Chhotalal Babarbhai College of Arts, Nadiad
Birla College of Engineering, Anand
Science and Arts College, Anand
Agricultural College, Anand
Vithalbhai Patel Arts College, Anand
Bikhabhai Patel College of Commerce, Anand
Agriculture Institute, Anand

LAWYERS

Bahecherdas M Shah
Ishverlal I Pandya
Chunilal R Saraiya
Chhotabhai D Shah
Ambalal P Barot
Chaturbhai N Patel

ASSOCIATIONS

Cloth Merchants' Association
Grain Merchants' Association
Oil Merchants' Association
Tea Merchants' Association
Tobacco Merchants' Association

CHAROTAR EDUCATION SOCIETY, ANAND

The Charotar Education Society is a prominent educational institution in Charotar working in the field of pre primary, primary, secondary, and adult education and the training of teachers It aims at making the pupils under its care cultured citizens by helping them to a well balanced physical and mental development The institutions conducted by the Society, viz Dadabhai Naoroji High School Kasturba Kanya Vidyalaya, Shishuvihar, Ambalal Balgriha Shala (a primary school with a residency) and Motibhai Amin Primary Teachers Training College stand on their own grounds The Society owns an up to date science laboratory library, reading rooms a gymnasium, hostel blocks teachers quarters and large playgrounds Music, drawing and athletics and extra curricular activities are given special attention The Society accepts and manages educational trust funds manages schools in the mofussil, conducts 160 Dadabhai Naoroji Reading Rooms in the Kaira District, publishes the children's magazine Balmitra and books for children, and works for the spread of Hindi It also organises athletic sports gatherings for the District

President—The Hon ble Ganesh Vasudeo Mavalanker, B A , LL B , M P
Secretary—Raojibhai C Patel B A (G V)

OTHER INSTITUTIONS

American Methodist Mission Hospital, Nadiad
Dahi Laxmi Library Nadiad
Government Agriculture Institute
Government Tobacco Research Institution, Anand
Polson's Model Dairy, Anand
Rotary Club, Nadiad
City Gymkhana
Social Club

BANKS

Imperial Bank of India Nadiad
Central Bank of India Nadiad
Deokaran Nanjee Bank Ltd , Nadiad
Baroda Bank Petlad
Baroda Bank Cambay
Baroda Bank Kapadvanj
Kaira District Central Co operative Bank

MATCH FACTORIES

Cambay Match Works Cambay
Datar Match Factory, Petlad
Western India Match Co Ltd , Cambay

NEWSPAPERS & PERIODICALS

AGEKADAM —Weekly —Gujarati
GUJRAT TIMES —Weekly —Anglo Gujarati
KAIRA VARTAMAN —Weekly —Gujarati
KIRTANT —Fortnightly —Gujarati
LOKAMAT —Weekly —Gujarati
PATIDAR —Monthly Gujarati
PRAJAPATI PATRIKA —Monthly —Gujarati
LOKBANDHU —Weekly —Gujarati
JANATA —Weekly —Gujarati

SPINNING & WEAVING MILLS

Bulakidas Mills Ltd , Petlad
Keshav Mills Ltd , Petlad
Rajratna Mills Ltd , Petlad
Turkey-red Dye Works, Petlad
New Shorrock Spinning, Weaving & Mfg Co , Ltd Mills at Nadiad

TRADES & PROFESSIONS

Bhadrakumar Jyotish Karyalaya, Ghas Gurora Siddtharth Mahadev Building, Cambay 1 All Astrological inquiries and orders promptly executed

Chaturlal Chhotalal Shah, Jeweller and Stone Cutter, Juni Mandei Kda Kotdi, Cambay

Chandulal M Desai & Co , Chemists and Druggists, P O Ode, Kaira

Chhotabhai Jethabhai Patel & Co , Bidi Manufacturers, Nadiad, Kaira District

Dharamchand Madhavji, Cream & Casein Merchant, Kakarkhad, Nadiad (Kaira Dist)

DOSHI BROTHERS, Importers and Dealers in Dairy Appliances and Manufacturers of Dairy Products, Anand, Distt Kaira

Thakerji Maharaj Co-operative Society, Bankers and Moneylenders, Municipal Office, Nadiad, Kaira

KOLABA DISTRICT

Headquarters **Alibag**

Talukas and Mahals **Alibag, Pen, Panvel, Karjat, Roha, Mangaon, Mahad, Khalapur, Uran, Poladpur, Murud, Shrivardhan, Mhasla and Sudhagad**

Kolaba District in the Konkan area of Bombay State lies between North Latitude 17°52″ and 19°3″ and East Longitude 73°7″ and 73°42″ On the north it is bounded by Thana District, on the east by the Sahyadri Hills and Poona and Satara North Districts, on the south by Ratnagiri, and on the west by the Arabian Sea

The total area of the District is 2 715 sq miles, the population (based on 1951 census) 909,083

The Talukas which were incorporated into the Kolaba District after the merger were Murud, Shrivardhan and Mhasala from Janjira, and Sudhagad from Bhor

Kolaba is a rugged belt of country cut across by numerous creeks from 15 to 30 miles broad stretching from the south of Thana and Bombay Harbour to the foot of the Mahableshwar hills, 75 miles south east

Notable places in the District are Raigarh near Mahad, once the capital of the great Shivaji and Kanakeshwara near Alibag, which is fast growing into a holiday resort as it is a hill 1,100 feet above sea level and gives a complete view of Bombay Matheran is another well known hill station Elephanta near Bombay is also in this District Alibag, the District headquarters is 24 miles south of Bombay, communication being by steam ferry service *via* Revas Alibag has a magnetic observatory which is devoted to research in magnetic and electric currents which circulate in the interior of the earth

The historical sea fort Kolaba, at Alibag, which was the naval capital of Shivaji, has recently been taken over by the Archeological Department of the Government of India The Hingulja hill near Revedenda, about nine miles from Alibag, is growing into a holiday resort

The Kolaba District has now its own District and Sessions Court

There is a Training College for men at Panvel and another for women at Sasawane in Alibag Taluka The Sarvodaya Centre is situated at Sudkoli in Alibag Taluka

AGRICULTURE, POWER

On the flat lands of the District rice is grown, and the sea front is fringed by a belt of coconut and arecanut palms There is large scale plantation of mango grafts and the produce is exported to Bombay Lorry loads of melons from Panvel are also sent to Bombay The teak forests are very valuable and there is a considerable fishing industry

The District has three Power Houses The Tata Power Co s Power House at Bhira (Patuns), the Tata Hydro Electric Power Supply Co s at Khopoli and the Andhra Valley Power Supply Co s at Bhivpuri

The District is served by the Central Railway which passes through the Karjat Taluka In addition to steamer ferry there is direct steamer communication between Bombay and the coastal ports during the fair season There are roads over the ghats which connect the District with the interior and are available for traffic all the year round

TRADE, INDUSTRY

The chief articles of export are rice, salt, fire wood grass timber, vegetables, fruit and dried fish The imports consist of teak, grain piecegoods, oil, potatoes and sugar At Khopoli a fish centre has been instituted where various kinds of fish are grown A card board paper mill has started functioning

The principal trade centres of the District are Pen, Panvel, Karjat, Nagothana Revadanda, Roha, Goregaon and Mahad Uran and Pen are big salt producing centres Panvel contains a large ayurvedic pharmacy, the Shri Dhootapapeshwar Panvel Ltd, Mora in Uran Mahal has a big tile factory which manufactures tiles worth two lakhs a year

OFFICIALS

Collector and District Magistrate R A Zubairy
District Agricultural Officer D H Joshi
Assistant Registrar of Co operative Societies B V Kumbhare
Executive Engineer Kolaba Division G B Bagul
District Forest Officer [illegible]
District Health Officer P D Paranjpe
District Medical Officer H C Sattur (*Civil Surgeon*)
District and Sessions Judge [illegible] Manjeshwar
District Superintendent of Police S M Ambegaonkar
Income tax Officer S D Kulkarni
Educational Inspector for Kolaba K C Mohile
Project Officer at Karjat for Kolaba and Thana S [illegible] Mondkar

NON OFFICIAL FUNCTIONARIES

President, District Local Board N V Kulkarni
President School Board A [illegible] Patil
District Home Guard Commandant D K Khanvilkar
District Home Guards Publicity Officer [illegible] D Palnitkar
Adjutant Kolaba Home Guards S V [illegible]
District Prohibition Officer Home Guards S P Thakur

NEWSPAPERS & PERIODICALS

ADERSH —Monthly Marathi
JANA SEVA —Weekly—Marathi
KOLABA SAMACHAR '—Weekly —Marathi
' KONKAN KRISHIVAL '—Weekly —Marathi
" RASHTRATEJ —Weekly—Marathi

MATHERAN (HILL STATION)

Matheran is a hill station and sanitarium, about three hours journey from Bombay and Poona Visitors are conveyed up the hill from Neral (Central Rly) by the Matheran Steam Tramway and Rail Motors The town is about 2 500 feet above sea level, and is a favourite hot weather resort The maximum and minimum temperatures range between 65 and 80 ordinarily and the average rainfall is 200 inches The place has an agreeable climate

There are some 31 points round the hill commanding gorgeous views and 35 miles of roads and paths on the hill There are lovely walks and rides throughout the hill Its spring water is reputably good Pure filtered and chlorinated water is supplied to all bungalows on the hill by pipes

Among the amenities of Matheran are several good hotels a well laid out public park and garden, bandstand two children s playgrounds, electric and telephone services and several cool and shady picnic places During the season the band plays almost daily The hill is a favourite place for honeymoons There is the cosmopolitan Matheran Club and the Parsi Gymkhana in Matheran, with tennis courts two sanitaria for Parsis three for Hindus and one for Ismaili Khojas available for convalescents

The hill offers excellent opportunities for shikar and a good shot is certain to carry his trophy of spotted skin, even within a short stay

The Municipality maintains an up to date hospital for both in and out patients There is a Post and Telegraphs Office a Revenue office and a Stipendiary Magistrate s court police station and a forest depot

*

KOLHAPUR DISTRICT

Headquarters Kolhapur

Talukas and Mahals Karwir, Panhala, Shahuwadi, Radhanagari, Bhudargad, Hatkanangle, Gadhinglaj, Kagal, Shirol, Bavada, Ajara

The old Kolhapur State in the Deccan was integrated completely with Bombay State on August 1, 1949, and was transformed into a District as in the case of some of the other States merged into Bombay Kolhapur District as it is now called lies between 17° 10′ 45″ and 15° 50′ 20″ North Latitude, and 74° 44′ 11″ and 73° 43 16″ East Longitude The District is bounded on the north by the river Warana, on the north east by the river Krishna, on the east and south by the District of Belgaum, and on the west by the Sahyadri Mountains, which divide it from the Ratnagiri District on the south west and the west The undulating country, in which the District is situated, is about 2,000 feet above sea level in proximity to the eastern slope of the Sahyadris which renders the greater part of the District free from famine The six large rivers of the District, namely, the Krishna, the Panchaganga, the Warnal, the Dudhaganga the Vedganga and Hiranyakeshi, with their several tributaries flow through and drain the District, facilitating extensive irrigation of lands in several parts of the District The hills are the main feature of the District They include the main range of the Sahyadris running north to south for about 100 miles and form the western boundary of the District They contain some of the finest and most abundant supplies of bauxite in the world situated at places, where an unlimited and very profitable exploitation with the aid of cheap hydro electric power is a practical proposition

The total area of the District is 2,756 square miles and the population according to 1951 census is 1 227,547 The language spoken is mostly Marathi, though Kannada is also spoken in a few parts Kolhapur city, the headquarters, is a great trading centre for jaggery

COMMUNICATIONS

The Kolhapur Miraj railway line runs from Kolhapur to Miraj and is connected with the Southern Railway line running between Poona and Bangalore The District is well served by roads and the Poona Bangalore the Kolhapur Ratnagiri, the Kolhapur Miraj roads in the District are all used for passenger traffic as well as for transport of goods

AGRICULTURE AND INDUSTRY

The chief agricultural products are jowar, rice, cotton, nagli, bajra, wheat, tobacco, sugarcane and ground nut

Besides one cotton mill, there are 12 ginning factories, two ginning and pressing mills, one ice factory, one sugar mill, 100 ginning and powdering mills 19 ground nut crushing mills, nine ground nut oil mills three cinema film producing companies, three workshops for constructing ferry boats, two soap factories and eight workshops for repairing motor engines and constructing motor car bodies In one of these workshops, motor gas plants are manufactured

OFFICIALS

Collector and Dist Magistrate, Dr A U Shaikh
Personal Assistant and Addl D M, K A Walvekar
District and Sessions Judge, V G Jamkhandi

DIVISIONAL OFFICERS

Prant Officer, Southern Divn, R G Gupte
Prant Officer, Northern Divn, B N Pradhan
Civil Surgeon, Dr M D Jadhav

MAMLATDARS

Mamlatdar, Karvir Taluka, G K Salvi
Mamlatdar, Shahuwadi Taluka, S C Khadilkar
Mamlatdar, Radhanagari Taluka, V M Patil
Mamlatdar, Bhudargad Taluka P A Rane
Mamlatdar, Hathananagle Taluka, B Y Indulkar
Mamlatdar, Gadhinglaj Taluka, V M Kori
Mamlatdar, Kagal Taluka, R G Khandekar
Mamlatdar, Shirol Taluka, B B Patil

OTHERS

Dt Supdt of Police, C B Nerli
Executive Engineer Dr A S Adke
Edn Inspector, Y V Javadekar

RAJARAM COLLEGE
Kolhapur

Rajaram College is the oldest of the colleges affiliated at present to the Poona University It became a first grade college in June 1920 and Honours and M A courses were instituted in 1922 Inter Science courses were introduced in 1927 and B Sc courses in 1930 The college has also been affiliated for several years for M Sc in Chemistry The college has been taken over and is being conducted by the Education Department of Bombay State since the merger of Kolhapur State

Principal and Professor of Mathematics, D P Patravali, B A (Cantab), Bar at Law

SHREE MAHARANI TARABAI TEACHERS' COLLEGE
Kolhapur

The College was opened by Kolhapur State Government in June 1934 and had been affiliated to the Bombay University With the merger of Kolhapur State into Bombay State it has been taken over by the Bombay Government and has been affiliated to the Poona University for B T and M Ed examination courses It is equipped with an up to-date educational library, a Psycho-laboratory and Visual Education Apparatus

Principal—S M Thigale, M A, LL B, B T, Dip Ed (Edin)

SHAHAJI LAW COLLEGE
Kolhapur

The college was started in June 1933, and is under the management of a private society called the Council of Legal Education, Kolhapur It is affiliated to the Poona University for the LL B Degree Course

STAFF

Principal—S G Dabholkar, B A, LL B, Advocate (O S)

Professors—S V Apte, M A, LL B, M S Apte, B A, LL B, M V Dharmadhikari K B Kelkar, LL M, M D Shreshthi, B A, LL B, W D Adke, B A LL B

LOCAL SPIRITUAL ASSEMBLY OF THE BAHA'IS OF ICHALKARANJI
Dadhiwale Building Nadiwesh, Ichalkaranji

SHETKARI SAHAKARI SANGH, LTD
Shahupuri, Kolhapur

Established on Co operative basis in 1939 Purchasers and sellers of agricultural products such as jaggery groundnut tobacco, etc Suppliers of short term crop loans Distributors of manure, mixtures and controlled iron & steel and cement Dealers in sugar, grains oil cake, fertilizers, fuel oils lubricants cement pipes and farm equipments Government transport contractors Processing activity One Oil Mill at Vadgaon 20 branches and depots in the district *Managing Director*, Pattyasaheb Govindrao Mohite

HOTELS AND REST HOUSES

P W D Rest House
Travellers Bungalow
Bavada Guest House
Padma Guest House
Deccan Hotel
Shahu Lodge

HOSPITALS, BENEVOLENT INSTITUTIONS

Pramila Raje Hospital
Lady Wanless Zanana Hospital
Wodehouse Orphanage
Shende Park Lepers Asylum
Prince Shivaji Free Maratha Boarding House
Kolhapur Remand Home
Savitribai Fule Maternity Home

LITERARY ASSOCIATIONS AND CLUBS

Nagar Vachan Mandir
Kolhapur Residency Club
Shri Maharani Laxmi Gymkhana
Rajaram Club
Rotary Club
Deval Club
Kolhapur District Boy Scouts' Association

CHURCHES AND TEMPLES

The Mahalaxmi Temple, Kolhapur
Narsobavadi Shrine of Dattatraya
All Saints Church (Anglican)
Catholic Church (at Camp)
Wilder Memorial Church (A P Mission)
S P G Mission Church

NEWSPAPERS AND PERIODICALS

"THE PUDHARI"—(Marathi) Daily
"SATYAVADI"—(Marathi) Daily
"VIDYAVILAS"—(Marathi) Daily
"GARJANA"—Weekly
"LOKSEVAK"—Weekly
"PRAJA"—Weekly
"SAMAJ"—Daily
"KARWIR"—Weekly
"AWAJ"—Weekly

COTTON MILL

SHRI SHAHU CHHATRAPATI MILLS, Spindles 15,988, Looms 319 Agents James Finlay & Co, Ltd, Chartered Bank Building, Fort, Bombay Mills at Shahupuri, Kolhapur, S M C

TRADES & PROFESSIONS

Anil Ramchandra Merwade, Stationers, Spirit, & General Merchants, Laxmi Building, Shivaji Chowk, Kolhapur

Arwade, S , & Co , Old Palace Road, Kolhapur

Ayurvedic Chemical Works, Proprietors S A Jagtap & Sons, Kapilitirth, Kolhapur

Babubhai M Parmar, Shroff, Laxmipuri, P O Kolhapur
Bhagwat & Co , Glassware Merchants, Kolhapur
Bharat Confectionery Works, Kolhapur, Shahupuri

Bharat Steel Works, 1520, Laxmipuri, Kolhapur Manufacturers of Agricultural implements, Safes, Cabinets and other Steel furniture

Bhatia Stores, Sole Distributors Hindustan Perfumery Works, (India) Kolhapur, Shahupuri
Bhaurao (Alias) Narhar Balwant Shikhare, Shroff Gujri, Kolhapur

Bhonsle, D B & Co , Dealers in Cloth and Stationery, Kolhapur, Shahupuri

Bhumkar, D Y, MLA, Income-tax Expert and Practitioners, Auditors Firm, Laxmipuri, Kolhapur
Deccan Electro Works, Laxmipuri, Kolhapur

Ganesh Brahaspati Chamkale, Jaggery Merchant, Kolhapur, Shahupuri

"GARJANA," The leading Marathi Weekly Newspaper and Press Editor and Proprietor, Ganapatrao Padhye, Kolhapur

Govindrao Abajirao Patil, Sadolikar Timber and Furniture Merchant, Kolhapur, Shahupuri

Hind Agencies (Kolhapur) Ltd , Kolhapur, Importers of Machinery and Manufacturers Representatives

Imperial Stores, Proprietor A A Bulbule, General Merchants, Dealers in Stationery, Cutlery, Glassware, Umbrellas, Electric Goods, Tailoring Materials, General Paper Merchants, etc , Shivaji Chowk, Kolhapur

Jamsandekar Brothers, Gujri, Kolhapur

JAYENDRA PUBLICITY, Kolhapur For Specialised effective Publicity through all mediums

Jirage & Sultane, Jewellers, Gujri, Kolhapur

Keshaw Martand Chipade, Wholesale Dealer in Gold and Silver articles, Gujri, Kolhapur

Laxman Balkrishna Korgaonkar (Estd 1890) Proprietors Korgaonkar Oil Mills, Kolhapur , Bhagirathi Oil Mills, Gadhinglaj , Korgaonkar Oil Mills, Gokak, Authorised Agents for (Kolhapur and S M C) 1 Standard Vacuum Oil Co , Ltd , 2 Imperial Chemical Industries (India) Ltd ,Kolhapur, Shahupuri Branches Sangli & Miraj

Maharashtra Leather Works, Somar Peth, Kolhapur
Maharashtra Trading Co , Shivaji Chowk, Kolhapur

THE MALABAR BAKERY, Bakers and Confectioners, Kolhapur (Estd 1935)

Mohiddinbhai Mallikbhai Maner, Iron and Hardware Merchants, Market, Kolhapur

PAKCO ENGINEERING LTD , Iron Founders and Manufacturers, P O Box No 14, Grams "PAKCO" Laxmipuri, Kolhapur (S Rly), Managing Agents Powar, Atigre, Kothawale & Co Products 5/6 and 10/11 H P Horizontal, Slow Speed, Oil Engines, Ball and Bush Bearing Hullers—Nos 4 and 8, Horizontal and Vertical Grinding Mills, Ball Bearing Centrifugal Pumps, Under Runner Disc Shellers, Split, Drum and C I Pulleys, Foot Valves (Screwed and Flanged), Hand Crushers, Handloom Gear Sets, Stop Valves and Others

Pandit Anant Jamsandekar, Jaggery and General Merchants and Commission Agents, Kolhapur, Shahupuri

Pioneer Furniture Hire and Sales Co , Pioneer Soaps Ltd , Manufacturers of Washing Soaps, Toilets and Disinfectants, Government and Military Contractors, Kolhapur

Popular Pharmacy, D , Chemists and Druggists, Kolhapur City

Ratnakar Industries Ltd , Manufacturers of Vegetable Ghee and Refined Oils Managing Agents B B Sultane, Kolhapur

SHAHU CHITRA MANDIR (Cinema Theatre), Prop D M. Bhosle Laxmipuri, Kolhapur

Shalini Stores, Cloth Merchants, Mahadwar, Kolhapur Proprietor S N Patil

Shantappa Dada Herwade, Jaggery Merchant, Kolhapur, Shahupuri

Shantappa Sakharam Jirage, Cloth Merchant, Gujri, Kolhapur

Shirgaokar Industries Ltd , Kolhapur Shahupuri

Shirgaokar Oil Mills, Kolhapur Saban Karkhana Proprietors Shirgaokar Brothers, Kolhapur Shahupuri

Shivlal & Brothers, Iron and Hardware Merchants, Market, Kolhapur

Shri Laxmi Aushadhalaya Old Palace Road, Kolhapur

SONO FILM SYNDICATE LTD , Dealers in Cinema Machinery and Photo Materials Managing Director L P Walawalkar, Laxmipuri, Kolhapur

Swastic Stores Distributors Swastic Oil Mills Ltd Sirdar Carbonic Gas Co , Ltd , etc and General Merchants, Mahadwar Road, Kolhapur

Tara Tiles, Kolhapur, Shahupuri

Vijay Soap Factory, Soap Manufacturers and General Oil Merchants, Kolhapur, Shahupuri Proprietor Sevantilal Vithaldas & Co

MEHSANA DISTRICT

Headquarters Mehsana

Talukas and Mahals Patan, Chanasma, Sidhpur, Mehsana, Kheralu, Visnagar, Kalol, Vijapur, Kadi and Radhanpur (*Talukas*), Saml and Harij (*Mahals*)

The area of the District is 4,312 sq miles and the population 1,471,662

The Gujrat Tramways Limited (Headquarter Unjha Tramways Building) has erected tramway service (narrow-gauge) between Unjha and Unava about three miles long The service is shortly to be extended to Mamund Road The tram, which runs by petrol engine, has ten carriages and can carry 600 passengers at a time A Community Project was started in the Vijapur and Kalol Talukas and good progress has been recorded

OFFICIALS

Collector and District Magistrate, R M Desai
District Agricultural Officer, J V Oza
District Co operative Officer, T U Parihar
District Engineer, T D Desai
District Medical Officer, R Y Khupte
District Sales Tax Officers, S L Modi , I U Patel and L D Thavani
District and Sessions Judge, T P Ghoghale

District Superintendent of Police S R Doshi
Income tax Officers, C G Parikh , B B Agrawala , C R Bansi, G M Shaikh , A M David , M P Patel and S Vachinath
Inspector of Schools, N D Khisadia
Community Project Officer, H K L Capoor

COLLEGES

M N College, Visnagar (*Arts and Science*)

PLACES OF PILGRIMAGE

Taranga Hill, Pansar, Sankeshwar, Kamboi and Bholui (*For Jains*); Bahucharaji and Sidhpur (*For Hindus*), Delmal (*For S Boras*), Unava (*For Muslims*)

INDUSTRIES

New Chhotalal Mills (Kalol) Mahendra Mills (Kalol), Navjivan Mills (Kalol), Bharat Vijay Mills (Kalol), Bones Factory (Kalol), New Chhotalal Mills (Kadi), Shree Sayaji Jubilee Cotton and Jute Mills (Sidhpur), Sidhpur Mills (Sidhpur), Patora Industries on cloth at Patan, Brass and Copper Industry at Visnagar, Iron and Brass Foundry at Mehsana

NASIK DISTRICT

Headquarters Nasik

Talukas and Mahals Kalwan, Dindori, Niphad, Yeola, Igatpuri, Nandgaon, Nasik, Sinnar, Baglan, Malegaon, Chandor, Peint, Surgana

Nasik District is a historic place in Bombay State Surgana State situated on the borders of Nasik District with an area of 194 sq miles is now merged with Bombay State and is within the Nasik Collectorate The District is bounded on the north by East and West Khandesh, on the east by Hyderabad on the south by Ahmednagar and on the west by Thana and Surat Districts The area of the District is 6,036 sq miles and the population according to the 1951 census 14 20 916 The language spoken is Marathi

With the exception of a few villages in the west the whole District lies on a tableland at an elevation of 1 300 to 2,100 feet above sea level

Nasik Town lies on the Bombay Nagpur branch of the Central Railway and is 117 miles from Bombay Barring a few all the Taluk centres are connected by the State Transport Bus Service There is also regular bus service from Nasik to Ahmednagar and Poona

The main food crops are rice, wheat and bajra Nagli is used as food by the poor

OFFICIALS

Collector and District Magistrate M R Yardi I C S
District Agricultural Officer G K Phadtare
Dy Registrar Co op Societies, A A Mahavi
Ex Engr (Roads and Buildings) D S Borker
Ex Engr (Ganapur Storage Dam) G G Dhanik
Ex Engr (Public Health) S S Sathe
Conservator of Forests Hari Singh
Civil Surgeon, Dr J P Parikh M S
Dist Sales Tax Officer I K Shete
District and Sessions Judge, V A Naik, B A (Hons), LL B
Asstt Dist Judge and Addl Sessions Judge N G Shelat, B A, LL B
District Superintendent of Police A Hakim I I
Income Tax Officer (A Ward), V J Karnik
Income Tax Officer (B Ward), N A Shah
Income Tax Officer (C Ward) S M Edke
Inspector of Schools, A K Godse
Principal, Central Police Training School J D Nagarwala, I P
Superintendent of Post Offices, B G Shah
Post Master V H Kelkar
District Supply Officer V B Tohokare
Rationing Officer D U Joshi
Distl Controller State Transport Nasik (Dn) V S Pathak
Superintendent Govt Central Distillery Dr R S J Rau, B Sc, B Sc (Tech) Ph D

EDUCATIONAL INSTITUTIONS

HANSRAJ PRAGJI THACKERSEY COLLEGE, NASIK

(Conducted by the Gokhale Education Society, Bombay)

(Affiliated to the Poona University)

This is a First Grade College teaching upto the M A degree in Arts and B Sc degree in Science It has hostels for men and women students The College is named after Sheth Hansraj Pragji Thackersey trustees of whose estates gave a munificent donation of Rs 1,65 000 to the college in his memory

The College is situated in a very healthy place at a distance of two miles from Nasik on the west

Principal—B I Patankar M A

BHONSALE MILITARY SCHOOL, NASIK

Founder Dharmaveer Dr B S Moonje

The Bhonsale Military School is the only non official school of its type in India The School aims at making young men physically strong morally sound mentally alert and develop adequately character personality and broad mindedness, essential for national greatness

Residential in nature recognised by the Education department and S S C examination board, Bombay State Prepares boys for S S C examination Horse riding and rifle shooting a special feature—conducts summer military training class for those who cannot join regular school

BARNES SCHOOL

Deolali (Central Rly)

This Church of England boarding and day school admits children of all communities though it is primarily maintained for European and Anglo-Indian boys and girls whose parents live in Bombay State or are employed on the Central Railway or Western Railway Such children are eligible for reduced fees provided they are Protestants The school is situated 2,000 ft above sea level and enjoys an excellent climate There are separate departments for boys and girls over 10 years and a preparatory house for those under 10 The grounds are 250 acres in extent and the buildings (electric light, flush sanitation, etc), are modern and excellent

The school teaches up to the Cambridge School Leaving Certificate examination following the syllabus of the code for Anglo Indian Schools of Bombay State Great attention is paid to all games, including swimming, and Scouting is encouraged

OTHER INSTITUTIONS

Government Training College for Women, Nasik
Barnes High School, Deolali
Boys Town (formerly Parsi High School) Nasik
Government Girls High School, Nasik
Government Anglo Urdu High School, Nasik
Maratha High School Nasik
New High School Nasik
Ramkhidas Parishram Purna Vidyalaya Panchvati
Pethe High School Nasik
Police Training School Nasik
Rungtha High School Nasik
Government Distillery, Nasik Road
Central Jail, Nasik Road
Security Printing Press, Nasik Road
Convalescent Home (H M Phipson) Nasik Road
Pushpavati Rungtha Kanya Vidyalaya (attached to Rungtha High School) Nasik
N E I Girls High School, Nasik (attached to New High School)
Purshottam High School, Nasik Road
Deolali Cantonment High School, Deolali
Yashwant Vijayam Mandir Nasik
Godavaribai Primary School (Panchvati)
Niranjan Durlabhji Khetan Bal Mandir, Panchvati

KING GEORGE HINDU SANATORIUM

This sanatorium founded in 1912 by the late Rao Bahadur Manaji Rajooji Kalewar, J P consisting of eight furnished blocks including utensils, one reading room and Rajoo Balooji Charitable Dispensary For the upkeep of the sanatorium including electric lights only Rs 25 per mensem are charged

The climate is dry and healthy Applicants should apply for the printed forms to the Managing Trustee, Prafulla Press, 380, Girgaum Road, Bombay 2

BANKS

Imperial Bank of India
Punjab National Bank Ltd
Devkaran Nanjee Banking Co Ltd
Bank of Maharashtra Ltd
Bombay State Co operative Bank Ltd
New Citizen Bank of India Ltd

CLUBS

Mitra Vihar (formerly King George V Club), Nasik
Nasik Club (Old Golf Club Building) Nasik
Nasik Gymkhana (formerly King Edward VII Club), Nasik
United Services Gymkhana, Nasik Road

HOTELS

15th August Gujrat Lodge, Nasik
Badshahi Gujrat Lodge, Nasik
Bombay Gujrat Lodge, Nasik
Coronation Hotel, Deolali
Edward Hotel, Deolali
Grand Hotel, Deolali
Hotel Greens Nasik
Hotel Liberty, Nasik
Mazda Hotel, Nasik
Oriental Restaurant Nasik
Meher Restaurant, Nasik
Royal Hotel, Deolali
Rugby Hotel, Deolali

NEWSPAPERS & PERIODICALS

"GAVKARI"—Daily, Weekly, Marathi
"KHRISTI NAGARIK"—Monthly, Marathi
"LOKASATTA"—Twice a Week, Marathi
"AYURVED PATRIKA"—Fortnightly, Marathi
"SAMATA"—Weekly, Marathi
"SAHYADRI VIMAJAGAT"—Weekly, Marathi

NORTH KANARA DISTRICT

Headquarters Karwar

Talukas and Mahals Haliyal, Sirsi, Kumta, Ankola, Karwar, Siddapur, Yellapur, Honavar, Mundgod Supa, Bhatkal

North Kanara is a District on the Konkan Coast between 15°55′ and 15°31′ N and 74°9 and 75°10 E It is bounded on the north by Goa and the Belgaum District, on the east by the Dharwar District and Mysore State on the south by South Kanara and on the west by the Arabian Sea The Sahyadri range of the Western Ghats varying in height from 2,500 to 3 000 feet runs through the District from the south to the north, dividing it into two tracts the uplands or Balaghat and the lowlands or Payan Ghat Area 3,971 sq miles

The climate varies from place to place the western portion though moist is healthy But the forest tracts especially the uplands are always malarial The continual use of D D T has latterly retarded the fever to some extent On the coastal strip the temperature falls to 69 in January and rises to 91 in May while the uplands are comparatively cool throughout the year Yellapur now wild completely of its malaria should quickly develop into a health resort

The total population according to 1951 census is 517 780 showing an increase of 17 3 per cent over the 1941 census The increase is ascribed to increase in birth rate and increase of immigrants from Madras State Goa and other neighbouring districts Of the total *population* 394 220 are rural and 123,960 are urban 203 039 are rural males and 60 167 are urban males, 191 181 are rural females and 63 393 are urban females There are 91 689 houses in the district and of them 70 154 are rural and 21 535 are urban Of the 1 415 villages in the district 107 are deserted 159 villages have a population below 25 persons each In all 1 235 towns and villages are inhabited 1 025 villages have a population less than 500 each There are four towns with a population between 10 000 and 20 000 81,990 persons are cultivators of land wholly or mainly owned by them and their dependents 181 239 persons are cultivators of land wholly or mainly unowned by them and their dependents 45 831 persons are cultivating labourers and their dependents 31 716 persons depend for their livelihood on commerce 124 561 people are literate of which 89 327 are males and 35 234 are females

Karwar, the headquarters of the District, possesses a fine natural harbour with great potentialities The natural attractions of the country around with its forests, beaches hills, the variety of wild game, fishing attractions and the salubrious climate make Karwar a good health resort and a centre for tourists

AGRICULTURE

Agriculture is the mainstay of the people It supports 68 per cent of the population Of the total area of 2 526 787 acres 43 813 acres are fallow These fallows can be divided under the following heads, *viz* poverty 5 912 acres Inadequate supply of water 5 451 acres, malarious climate 791 acres silting of canals and rivers 298 acres unremunerative nature of farming 11 242 acres and others 20 119 acres Cultivable waste is 66 024 acres Food crops are grown in 231 086 acres and non food crops on 52 431 acres

Paddy occupies 187,222 acres ragi occupies 2 028 acres black gram 441 acres and horse gram 68 acres

Of the cash crops — Sugarcane occupies 3 388 acres coconuts 1 513 acres Of the fruits mangoes are grown on 1 622 acres banana on 3 63 acres pine apple on 1,121 acres sweet potatoes 951 acres onions 367 acres Of the non food crops betel nuts cover an area of 3 087 acres pepper 1 101 acres and betel leaves 365 acres

Rice which is most widely grown is responsible roughly for 75 per cent of the net cropped area The average yield ranges from 5 to 40 maunds per maund of seed The introduction of the Japanese method of cultivation has improved matters in many tracts and is responsible for larger yields Another agricultural product the cultivation of which is fast developing in the loose sandy soil of Kanara is groundnut An experiment made by the authorities of the training school at Karwar resulted in an yield of 600 lb of dried groundnut costing Rs 200 for half an acre This compares very favourably to the Dharwar yield which on an average is 800 to 1,000 lb per acre

There were 16 colonisation schemes launched by Government some years ago Out of these only 3 are working at present Two are in Mundgod taluka *viz* Indoor and Ramapur and one in Ankola taluka *viz* Hillur In Indoor, 1,462 out of the ear marked 1 500 acres are brought under cultivation Similarly out of a target of 314 and 284 acres of Ramapur and Hillur schemes respectively 285 and 215 acres are brought under cultivation There is one Sarvodaya Scheme working in the village of Hichkad in Ankola taluka

IRRIGATION

Latterly the Government commenced to irrigate certain tracts, and plans were put up in this connection In 1951 52, 87 of such works were in progress of which 24 were completed The total mileage of Government canals is 71 and of canals of private owner ship is 176 miles The total number of wells used for irrigation are 16,872, and for domestic use 300,092

FORESTS

Roughly 80 per cent of the area of the district is forest It approximates to 3 005 square miles Out of this in 1950 51 2,417 square miles are forest proper and the rest are pasture reserves 215 square miles of forests are in charge of the Revenue Department 1 220 square miles are under working plans In 1950 51 696 858 cft of teak 38 929 cft of blackwood and 716 038 cft of jungle wood was brought to the various depots by Government and private agency The growing of hill paddy in the plantations was a great success in Kanara

FISHERIES

The total population of fishermen is about 26 000 The average annual yield is about 20 000 tons There are about 70 ramants operating throughout the coast Fresh fish and salted dry fish are exported to Bombay Belgaum Hubli, Mangalore Bankapur and various other places There are 15 curing yards in the district, and the total quantity of fish brought to be cured in 1950 51 was 227,566 maunds

COMMUNICATIONS

There are proposals to connect Karwar with Hubli or Alnavar But the schemes are only in the exploratory stage The W I P R passes through Supa and the distance covered by it is about 32 miles

Karwar Bhatkal road is the national highway and is the Kanara portion of the Bombay Trivandrum national highway Of the State Roads, the P W D maintains 592 miles and the District Local Board 700 miles Each Municipality maintains some roads within its own sphere The average mileage per village is 9 5 and per thousand of population the average is 4 miles The mileage per square mile for the whole area is 3 4 Latterly the Government has been constructing a cement road on the highway Kanara Hubli Karwar—a distance of 102 miles

The Bombay State Road Transport Corporation plies practically throughout the district with the monopoly of passenger traffic Of the 3 main passes, Arbail, and Devimane are open throughout the year Only Anshi Ghat is closed in the monsoon

River navigation played a prominent part in the history of Kanara At present vessels up to 10 tons can go up to a distance of 20 miles in Kali River

The steamers of the Scindia Steam Navigation Company touch Karwar, Tadri, Kumta and Bhatkal during the fair season There is no all weather port

PORTS

The chief ports from north to south are Sadashivgad, Karwar, Ankola, Gangavli Tadri, Kumta Honnavar Monky and Bhatkal Sailing craft touch all these ports The most important commodities of export are timber, fuel charcoal bamboos manganese and sweet potatoes and onions Fresh fish is transported from almost all of the ports by motor launches to Bombay The principal imports are grains sugar pulses kerosine oil coconut oil Mangalore tiles, etc The value of imports at Karwar is about Rs 5 lakhs a year and of exports about 2 lakhs

MINERALS

The only mineral that is successfully tackled at present is manganese ore About 20,000 tons are exported every year to dollar areas

INDUSTRIES

Among the important industries are the Government saw mills and a plywood factory at Dandeli a few rice and saw mills have sprung up throughout the district but this is due to the policy of the rationing department of the Government substituting the mill for the pounding woman These mills only mill government paddy

FUTURE DEVELOPMENTS

On account of the vast forest wealth Kanara has a bright future for the development of cottage industries Co operative department is just now concentrating its attention on its development Coir works horn works sandalmaking, tanning etc, have been taken up by the department Bee keeping is a favourite industry initiated by Government and in a forest tract like Kanara it has a bright future Already there are 4,500 colonies in the district and the honey yield is about 30 to 35 thousand lb a year

Garden industries of cashew mango coconut pine apple etc, could successfully be established on a wide scale If the vast *gazni* lands are utilised for coconut cultivation as is done in Kerala back waters not only the deficit of coconuts could be made up but surplus could be made available for export Cashew is a wild plant in Kanara It requires neither watering nor manuring The vast area that is occupied by minor hills and forests if utilised for cashew cultivation would add considerably to the wealth of the district

The total area covered with bamboos is 89,000 acres and lies mainly on the slopes of the Gangavli and Kali rivers A paper pulp factory is quite a feasibility with this initial acreage

An area of about 25,570 acres of forest is covered with very useful species of palm known as the tali palm This provides annually about 1,500 mature palms yielding about 300 tons of edible sago flour giving means of subsistence to about 6,000 people The chief produce is tali-chakki or pitch from which edible flour is prepared

Baswarajadurga an island off Honnawar produces the best quality of *Cavi* or reddle which is used for painting the houses The elephant grass that is found round about Kadra is capable of producing artificial silk

OFFICIALS

Collector and District Magistrate S B Kulkarni, M A, I A S
District Agricultural Officer, B H Hullatti, B Ag
District Co-operative Officer, C R Hiremath, B A, L L B (*Asstt Registrar*)
Executive Engineer, R M Karandikar, B E
District Forest Officers —
Northern Division Headquarters, Dharwar, S R Umberji, B Sc, B F S
Eastern Division Headquarters Dharwar, R D Joshi, B Sc, B F S
Western Division, Headquarters, Karwar, S A Hejmadi, B Sc, B F S
District Health Officer H F Daroga
District Medical Officer Civil Surgeon I K Kazi, M B B S (Class I)
District and Sessions Judge R H Mirajkar, B A, L L B
District Superintendent of Police D A Taher, I P S
Inspector of Schools R R Rupsad
Superintendent of Fisheries V V Kalyani M Sc
Assistant Collector of Central Excise, Head Quarters, Castle Rock, George Koruthu
District Co operative Officer, Industries, M Subba Rao

HOTELS

Grand Hotel, Karwar
Modern Hindu Hotel, Karwar
Guest House, Karwar
Rodricks Hotel Karwar
Seaview Hotel, Karwar
Bhatkal Islam Hotel, Karwar
Mumtaz Mahomedan Hotel, Yellapur
Hind Mata Hotel, Yellapur
Muslim Hotel, Sirsi
Vijay Restaurant, Sirsi
Guest House, Halyal

REST HOUSES

District Bungalow No 1, Sirsi (*Partially furnished provided with a sweeper only 2 suites of rooms*)
District Bungalow No 2, Sirsi (*Partially furnished, provided with a sweeper only 2 suites of rooms*)
District Bungalow, Supa (*2 suites of rooms, partially furnished*)
District Bungalow, Yellapur (*4 suites of rooms, provided with a sweeper only*)
District Bungalow, Mundgod (*2 suites of rooms, provided with a sweeper only*)
District Bungalow, Belakeri (*3 suites of rooms*)
District Bungalow, Kirwatti (*2 suites of rooms*)
District Bungalow, Katgal (*2 suites of rooms*)
District Bungalow, Samphkhand (*2 suites of rooms*)
District Bungalow, Yekambi (*2 suites of rooms*)
District Bungalow, Pala (*2 suites of rooms*)
District Bungalow, Kumta (*2 suites of rooms, provided with a sweeper only*)
District Bungalow, Gersappa (*2 suites of rooms*)
District Bungalow, Gokarn (*2 suites of rooms*)
District Bungalow, Siddapur (*2 suites of rooms, provided with a sweeper only*)
District Bungalow, Honavar (*2 suites of rooms*)
District Bungalow, Bhatkal (*2 suites of rooms*)
District Bungalow, Murdeshwar (*2 suites of rooms*)
District Bungalow, Karwar (*fully furnished, provided with a sweeper and a messman*)
Travellers' Bungalow, Karwar (*one suite of rooms, fully furnished, provided with a sweeper and a messman*)
There are Travellers' Bungalows at the following places —Sulgeri, Kadra, Naiti, Yellapur (2), Wadchukli, Ganeshgudi, Kirwatti, Bilki, Gunjavati, Kyatanaeli, Katur, Chitgeri, Sirsi, Halyal, Dandeli, Kulgi, Mandurli, Kawalwad, Bhagwati, Chinchkand (Gund)
Inspection Bungalows at —Hattikiri, Agsur, Yellapur, Halyal, Kumbharwada, Anshi, Madangeri, Sirsi Hadwalli
Rest House at Tattihalli
Forest Department Bungalows —Ramanguli, Hosakambi, Santgal, Allanki, Nissineer

HOSPITALS

Civil Hospital, Karwar
Dispensaries at —Ankola, Kumta, Honavar, Bhatkal, Siddapur, Halyal, Yellapur, Mundgod, Supa
Pandit Dispensary, Sirsi
Veterinary Dispensaries at —Halyal, Sirsi, Kumta, Karwar
Koleroga Institute, Sirsi
D D T Unit No 1, Karwar (Malariology, H F Daroga)

MEDICAL PRACTITIONER CENTRES

The following are the Subsidised Medical Practitioner Centres
Agsur, Angadi, Gundbala, Manki, Hegdekatte, Nilkod, Samrani, Ninnur, Kallabbe, Hungund, Amdalli, Hulekal, Manjuguni, Santgal, Murkwad, Arsinkatta, Halga, Hireanpadi, Hiregutti

BENEVOLENT INSTITUTIONS

District Probation and After Care Association and Remand Home.
Hon Secretary, S M Kulkini, B A, L L B
Probation Officer, A V Mudhebehal, B A

ASSOCIATIONS AND CLUBS

Karwar Club
District Police Club, Karwar
Mitra Samaj, Karwar
Mahila Mandal, Karwar
Narayan Bhat Akadas Vyayam Mandir, Sirsi
Gram Seva Samiti Ankola
Shivaji Vyayam Mandir, Halyal
General Library, Karwar
Hind Vachanalaya, Ankola
Pandit General Library, Sirsi
Karnatak Sangh, Karwar
Hanuman Vyayam Mandir Bhatkal
Gandhi Vachanalaya, Honavar
Christ Mitra Ashram, Ankola
Merchants Association Karwar
R B Gun Free Reading Library, Halyal

COLLEGES

Kanara College, Kumta

FACTORIES

M & S M Railway Workshop, Castle Rock
Govt Saw Mill, Dandeli
Shri Ambika Rice Mill Madangiri
Shri Shanta Durga Mill, Kirwatti
Manki Industrial Works Manki
Mrs Janakibai L Savant Timber Saw Mill, Vinchodi
Indian Plywood Manufacturing Co, Ltd Dandeli
Shri Gajanan Handloom Factory, Ankola
Shri Kamakshi Handloom Factory, Ankola
Durga Handloom Factory, Aversa
Ramakanth Pandurang Murdeshwar Handloom Factory, Bankikodla
Balaji Textiles (Handloom Factory), Honavar
Manjunath Hari Joshi Handloom Factory, Nandangadde
Shri Arvind Rice Mills, Banwasi
Shri Laxmi Narashinh Rice & Oil Mill, Bhatkal
Central Rice Mills, Gokarn
Shri Durga Rice Mill, Halyal
Shri Laxmi Rice Mill, Ankola
Shri Gajanan Rice & Cane Mill, Shirkuli, Ankola
Laxmi Rice Mill, Sirsi
Shri Krishna Rice & Flour Mill, Siddapur
Bharat Rice Mill Siddapur
Basweshwar Rice Mill, Siddapur
Deshpande Saw Mill, Mundgod
Shri Arya Durga Rice Mill, Yellapur
Katyayani Rice Mill, Shiroor, Ankola
Mill & Ice Company, Ankola
Krishna Rice Mill, Belakeri
Ice Factory, Chendye, Karwar
Mango Canning Factory, Ankola

TRADES AND PROFESSIONS

Haldipur, V R, B A, Timber Merchant and Burma-Shell Agent, Karwar (N Kanara)

Kanara District Central Co operative Bank Ltd, Sirsi, North Kanara

Dhakappa, S L, & Son Dealers in Medicines, Stationeries, Drugs, Chemicals, Hardware and Glassware, Optical Goods and Watches, Radios, Cameras, Sirsi, North Kanara

Dhakappa Sri Ram & Son, Dealers in Motor Accessories, Cycles and Clocks, Sirsi, North Kanara
Durga Cafe, Karwar (N Kanara)

PANCH MAHALS DISTRICT

Headquarters **Godhra**

Talukas and Mahals **Godhra, Dohad, Kalol, Halol, Jhalod, Deogadh-Baria, Limkheda, Santrampur, Lunawada, Shehera, Jambughoda**

The Panch Mahals District lies between 22°15′ and 23°11′ North Latitude and 73°22 and 74°29 East Longitude It is divided into three sub-divisions The Godhra sub-division includes Godhra City and Godhra Taluka, with the headquarters of Prant Officer (Dist Dy Collector) at Godhra Personal Assistant to the Collector is Ex Officio Prant Officer of Godhra Sub division Eastern Sub-division includes Dohad, Jhalod Deogadh Baria and Limkheda talukas with the headquarters of the Prant Officer at Dohad (provisionally kept at Deogadh Baria) The Western Sub division includes Lunawada, Santrampur, Kalol and Halol Talukas, and Jambughoda Mahal with headquarters of the Prant Officer at Godhra

The District expanded on June 10, 1948 with the merger into it of the former States of Deogadh Baria, Lunawada, Santrampur, Jambughoda and Sanjeli The area of the District after the merger is 3,500 sq miles and the population according to 1951 census is 1,148 432 The total number of displaced persons from Pakistan enumerated in total population of Panch Mahals is 4 186 inclusive of 2,310 males and 1,876 females The language spoken is Gujarati

Agricultural produce includes cereals of all sorts, pulses, oil seeds including ground nuts, Til and Mahuwa seeds and to a small extent cotton and tobacco Acreage under different crops is as follows Maize 24,817 acres, paddy 281,427 bajri 57 593, banti 17,259, kodra 42 985, ground-nuts 147 254 tobacco and cotton 23,000, vegetation 1,400 The total arable land in the District is 1 286 000 The average yield of cereals and ground nuts per acre is 1,200 lb

The District has a forest area (inclusive of that of the merged States) of 1,099 85 sq miles which produces timber such as country teak wood, Mahuwa and Sadad Mhowra flowers and timru leaves for bidi manufacture and hay fodder are a principal produce of the forests Other minor produce are bamboos gum lac, asotri leaves, Khakhra leaves Rocha grass used for extracting scents, ghat bor Kananj seed, Amla, honey and wax Worked on proper lines the forest areas are an asset to Bombay State as the forests are situated in the vicinity of railway stations The Panch Mahals District exports large quantities of timber bamboos, firewood scantlings charcoal and hay to various Districts in Bombay State and Saurashtra

Two forest divisions were formed, one called Panch Mahals Division with an area of 315 33 sq miles including Godhra, Dohad, Jhalod, Kalol, Halol and Shehera Talukas with the headquarters of the Divisional Forest Officer at Godhra and the other being the Gujarat States Division with an area of about 784 32 sq miles comprising the rest of the talukas and all the merged States of South Gujarat with the exception of Banaskantha and Sabarkantha Districts of North Gujarat—the headquarters of the Divisional Forest Officer being at Deogadh Baria Both these forest divisions are within the jurisdiction of the Conservator of Forests, North West Circle, Baroda

The south west portion of the District is a level tract of rich soil (except for the Pavagadh Hill) while the northern portion though it contains some fertile valleys is generally rugged, undulating and barren with but little cultivation Large tracts are however being reclaimed through soil conservation schemes and bunding process The current year s average rainfall in the district is 30 inches The maximum temperature in 1953 was 114° and minimum around 60°

The District contains the famous ruins of Champaner which was a stronghold of Rajput kings belonging to Raol and the Taru dynasty The hill of Pavagadh is about 2,500 feet in height and can be developed into a hill station or cheap summer resort through provision of power rope ways Pavagadh is considered by Hindus to be a place of special interest and holiness The hill itself contains the famous ruins of the ancient possessions of the Rajput king Patai Raol The Archaeological Department of the Government of India has preserved various ancient monuments on the hill itself and those at the foot of the hill The plateau of Ratanmal in Deogadh Baria Taluka is several square miles in area and is an ideal place as an emergency landing ground for light aircrafts It also possesses rich herbs of medicinal value in the slopes of the plateau Then there are the hot springs believed to have sulphur deposits, the medical properties of which are not yet fully explored, situated at Tuwa, a station about 7 miles from Godhra on the Godhra Anand (broad-gauge) branch line of the Western Railway

COMMUNICATIONS

The railways and buses are the main means of communication There is the Western Rly main line from Bombay to Meerut which runs through the Panch Mahals *via* Godhra Then there is the Anand-Godhra Branch line (broad gauge) and the Godhra Lunawada section of the Western Railway (narrow gauge), the narrow gauge section of Champaner Road-Pani Mines running from Champaner Road Station of the broad-gauge main line terminating at Pani Mines *via* Halol and Shivrajpur, and Piplod Deogadh-Baria section of Western Railway The last three are narrow gauge sections worked by the Western Rly administration Passenger bus services of the Bombay State Road Transport Corporation Bombay, are operating between Godhra Dohad, Godhra Shivrajpur Bodeli, Dohad Jhalod, Dohad-Alirajpur (Madhya Bharat), Godhra Shehera Lunawada, Godhra-Pandu *via* Kalol and Sant Road Santrampur An out agency for goods traffic by the Western Rly is operated between Dohad Jhalod on contract system After the expansion of the District a very wide area without any means of communication has been added This includes large rural tracts of Deogadh Baria, Lunawada, Sant, Santrampur, Sanjeli, Kadana, and Jambughoda where primitive means of communication, such as bullock carts, camels, horses, donkeys and country ferries are still in use, in the absence of modern roads

Godhra City, Lunawada, Deogadh Baria, Dohad and Santrampur have municipalities Godhra being a borough and the others town municipalities All other talukas have village panchayats numbering about 38 Godhra, Dohad, Deogadh Baria Lunawada and Santrampur have electric facilities Godhra, Dohad, Lunawada and Vejalpur are on the trunk telephone exchange from where one can make trunk calls Lunawada Vejalpur and Derol have only public trunk call offices at the Post Office while Godhra and Dohad have Government telephone exchanges open to public subscribers Deogadh Baria will shortly have a trunk Call Office Freelandgunj in the Dohad Taluka is the headquarters of the Works Superintendent, Divisional Electrical Engineer District Medical Officer and other officials of the Western Railway It contains the Locomotive Shops of the Western Rly and has extensive quarters for railway employees with library, reading room sports clubs and Maternity and Child Welfare Centres

The District contains rich mineral deposits, such as manganese ore and galena ore Big mines of manganese ore are worked at Shivrajpur, Daman Kuwa and Pani Mines A number of other spots in the District are also supposed to contain manganese and other ores, while galena is found in Khamaria Talukdari Estate in Halol Taluka

The dry bed of the Panam River near Sant Road Station on the Godhra Ratlam line and that of the Meshri River at Godhra contain quality sand used for preparing glassware and generally for building construction A stone quarry exists at Timba a village in Godhra Taluka Gravel used for reinforced concrete works comes from the quarry which is worked at Timba Road Station on the Godhra Anand Rly line

There is a glass factory at Sant Road Station, about 12 miles from Godhra

POLITICAL BODIES AND TRADE UNIONS

Panch Mahals Dt Congress Committee, Godhra, with Taluka Committees in all the talukas Socialist Party Godhra, Ramrajya Parishad, Godhra, Western Railwaymens Union (Bombay) Dohad and Godhra, Shri Stri Shakti Mandal, Godhra, Shri Bhagini Samaj, Kalol

OFFICIALS

Collector and District Magistrate, Panch Mahals, V S Mahajani B A (Hons)
District Supply Officer G B Nabar, B A
Rationing Officer, Godhra, J J Vaidhnavva B A B Sc, LL B
Rationing Officer Dohad C J Desai, LL B
District and Sessions Judge Panch Mahals V R Parulkar B A LL B
District Police Superintendent, Panch Mahals, Godhra N H Sethna, I P S
Civil Surgeon, Panch Mahals, Godhra Dr L D Thatte, M B B S
Dy Educational Inspector, Panch Mahals, Godhra R P Pandya, B A (Hons), B Sc (Hons), T D (Lond)
Divisional Forest Officer, Panch Mahals, Godhra, B N Deo, B Sc, B F S
Executive Engineer Godhra, M M Patel, B E A M I E (Ind), B S E (I),
District Health Officer Dr I S Mahal, B Sc, M B B S, D I H
Income Tax Officer, (Ward I) P P Parikh, B Com
Special and General Income Tax Officer, Godhra, Omkar Nath
Sales Tax Officer, R V Joshi
Asstt Registrar, Co operative Societies, Godhra, D A Desai, B A, G D C A
District Inspector of Land Records, M P Suthar
Treasury Officer, P U Patel B A
Supdt of Central Excise, Godhra Circle, P L Karna, B A LL B
District Agricultural Officer, B D Patel, B Sc (Agri)
District Publicity Officer, Panch Mahals, Godhra, D S Joshipura

CLUBS

Agency Gymkhana, Godhra
Rotary Club of Godhra, Godhra
Rotary Club of Dohad Dohad
Clayton Club Godhra
Hindu Gymkhana Godhra.
Railway Institute, Godhra
Railway Senior Institute, Freelandgunj, Dohad
Railway Junior Institute, Freelandgunj, Dohad

BANKS

Imperial Bank of India, Godhra and Dohad
Bombay Provincial Co operative Bank Ltd , Godhra
Mercantile Co operative Bank Ltd , Godhra
Devkaran Nanjee Banking Corporation Ltd , Godhra and Lunawada
Godhra City Co operative Bank Ltd , Godhra
Dohad Urban Co operative Bank Ltd Dohad
Kalol Urban Co operative Bank Ltd Kalol
Eastern Panch Mahals Co operative Banking Union, Dohad

ASSOCIATIONS

Panch Mahals District Bar Association Godhra
Dohad Bar Association Dohad
Child Welfare and Maternity Clinic Treelandgunj Dohad
Western Rly Co operative Stores Treelandgunj Dohad
Shree Godhra Chorashi Brahman Panch Shcherabhagal, Godhra
Shree Godhra Laxminarayan Temple Trust, Shcherabhagal, Godhra
Godhra Municipal Family Planning Centre Godhra
Godhra Vyayam Pracharal Mandal Godhra
Panch Mahals Chamber of Commerce Godhra
Panch Mahals Working Journalists Association Godhra
Rail & Road Passengers Association Shcherabhagal Godhra

DOHAD ANAJ MAHAJAN SARVAJANIK EDUCATION SOCIETY DOHAD

Nature of Body Social
Office Bearers Ochhavlal G Sheth (*President*) Natvarlal C Parikh (*Secretary*)

SHRI GODHRA CHORASHI BRAHMAN PANCH

Shcherabhagal Godhra

Objects –To promote social and religious education among Brahmins and to render aid to destitute, helpless Brahmins
Hon Secretary S M Shukla (*Telephone* 63)

METHODIST CHURCH

District Superintendent Rev Jacob D Merchant
Pastor Rev Thomas K Christian
Girls Hostel Superintendent Miss W Stanley
Lady Superintendent College Smt V J Solanki
Boys School Hostel Manager Rev David B Bauman

LIBRARIES

Stuart District Library and Free Reading Room Godhra
Sarvajanik Library Godhra
Railway Institute Library Godhra

LEGAL PRACTITIONERS

M H Mehta, B A , LL B (Advocate, A S), President, Panch Mahals District Bar Association
B T Patel, B A , LL B Advocate, Shantinivas Society, Godhra.
N K Konkar B A Pleader Savliwada, Godhra
G D Pathak, B A , LL B , Shcherabhagal, Godhra
C M Trivedi, B A , LL B , Pleader, Somwada, Godhra
N G Ginwalla, B A , LL B , Bohr wad, Godhra
C M Parikh Pleader, Mission Road, Godhra
J C Trivedi B A , LL B Pleader Bethak Falia, Godhra
C S Patel B A LL B Shcherabhagal, Godhra
G M Kamodia Main Bazar Godhra
C R Parikh B A LL B , Asstt Govt Pleader Godhra
N C Shah B A LL B Dist Govt Pleader Godhra
M D Parikh Pleader, Desaiwada Dohad
J H Bardiwala Pleader Station Road, Dohad
Kajmal D Jain Pleader Gandhi Road, Dohad
I M Shaikh, Pleader Gandhi Road Dohad
C P Desai Pleader Main Bazar Kalol
S C Parikh B A , LL B Pleader Halol

MEDICAL PRACTITIONERS

Dr G V Dalal L M & S , Godhra
Dr Taherali A Bohra, M B B S Bohr wad, Godhra
Dr Mrs Kusum Varia L C I & S (Bombay) Godhra
Rao Bahadur Dr A M Barot, M B B S , Dohad
Dr (Miss) C M Susan L R C P (Lond), M R C P , Godhra
Dr A M Pathik M B B S Godhra
Dr S M Kamodia, M B B S , Makan Kuwa, Godhra
Dr A R Trivedi M B B S , Godhra
Dr V K Phatak, M B B S , Dohad

DAK BUNGALOWS

Government Dak Bungalows at Godhra, Dohad, Kalol, Halol, Devgadh Baria, Lunawada, Jambughoda

NEWSPAPERS

DOHAD GAZETTE —Fortnightly—Dohad

TRADES AND PROFESSIONS

Abdulla Haji Bhura Didi & Co Didi Bldgs Station Road Godhra

Atam Parkash Santlal Manufacturers of Washing and Toilet Soap and Hair Oils Station Road, Derol (Dist Panch Mahals)

Babubhai Ochhavlal Shah & Co , Station Road, Godhra (Dist Panch Mahals) General Merchants

Gokaldas Ranchhoddas Shah P W D Contractor Civil Lines, Godhra (Also at Vejalpur and Dohad)

Gokaldas Ranchhoddas Shah Burmah Shell Dealer P O Vejalpur, *via* Khirsalia (Western Rly) Taluq Kalol Dist Panch Mahals

Haji Hasanali Abdulali Lokhandwala & Sons Hardware Merchants, Main Bazar Godhra

Jai Hind Iron & Brass Works Kalol *via* Derol Dist Panch Mahals *Manufacturers of* Safes Cupboards etc

Jai Hind Rice, Pulse & Oil Mill, Station Road, Godhra (Dist Panch Mahals)

Kalyan Industries Ltd Pulse Rice and Oil Mill Tel Address 'Kalyan , Jhalod (Dist Panch Mahals)

MITHALAL R DESAI, General Merchant, Station Road, Dohad Branches at Alirajpore 4, Moghnager (Madhya Bharat)

Modi Ratanlal Punjalal, Machinery Merchant, Modi Falia, Godhra (Dist Panch Mahals)

Nalini Studios Photographers and Dealers in Gevaert Agfa and Ilford Selo Photographic Goods, Karadiwada, Godhra

O M Seth Photographic Material Dealer, Godhra

Panch Mahals Auto Parts Co Authorised Sub dealers of Cars Spares etc P O Vejalpur (*via* Khirsalia) (Western Rly), Dist Panch Mahals

Panch Mahals Goods Transport Co , Civil Lines Road, Godhra Branches at Vejalpur & Dohad

Panch Mahals Transport Services, Godhra

Prakash Printing Press, Godhra

Sulebhai Haji Hasanali Lokhandwala First Class Suppliers of P W D Stores Forest Contractors Godhra (Dist Panch Mahals)

Shree Krishna Printing Press, Godhra

Shri Lunawada Industries & Electricity Company, Rice, Pulse and Oil Millers, Suppliers of Electric Energy, Lunawada (Dist Panch Mahals)

S M Shukla Publishers Agent, Mahalaxmi House, Shcherabhagal, Godhra Phone No 63

Vallavdas Damodardas Desai & Co , Cloth Merchants & Commission Agents Tel Address "Himat', Jhalod (Dist Panch Mahals)

POONA DISTRICT

Headquarters Poona

Talukas or Mahals Ambegaon, Baramati (Bhimtadi) Dhond, Haveli, Indapur, Junnar Khed, Mawal, Mulshi, Poona City, Purandhar, Sirur, Bhor, Velhe

Poona District lies between North Latitude 17° 54′ and 19° 23′ and East Longitude 73° 24 and 75°13′ It is bounded on the north by the Districts of Thana and Ahmednagar, on the South by Satara North, Sholapur and the former Phaltan State on the east by the Districts of Ahmednagar and Sholapur and on the west by the Sahyadri Hills In March 1948 a large part of the Bhor State with a population of about 120,000 was added to the Poona District consequent upon the merger of that State with Bombay State The premerger area of the District was 5,969 sq miles and the population 1,359 408 The population according to 1951 census is 1 950 976, and the area 6,028 sq miles The language spoken is *Marathi*

The city proper extends along the Mutha river for about 1¼ miles inland its length is about 2 miles from east to west and its breadth about 1¼ miles the total area being about 2¼ square miles

Towards the west the country is undulating and intersected by numerous spurs of the Western Ghats which break off in a south easterly direction, becoming lower as they pass eastwards, and in the end sinking to the general level of the plain Many streams rise in the Western Ghats and flow eastwards until they join the Bhima river, which passes through the District from north west to south east The main tributaries are Vel, Ghod Bhama, Indrayani Mula and Nira The rainfall varies considerably in different parts of the District In the western parts it is heavy and regular in the central belt moderate, and in the east very irregular The main crops are paddy and jawar But the District is a deficit area in the matter of food grain One of the products of which the District has an exportable surplus is jaggery produced from sugarcane

The District is well served by road and railway The Central Railway traverses the District from west to east and this section is joined at Dhond by the north to south cross connection from Manmad The Southern Railway runs from Poona southwards for a distance of about 50 miles in the District The District has also communication with Nasik, Ahmednagar, Sholapur Belgaum, Satara and Kolaba Districts by road The Poona Agra Road is also one of the arterial roads of the country as a whole

Until a few years ago the headquarters of the Bombay Government during the monsoon the city of Poona lies at the confluence of two small rivers the Mutha and the Mula on the Western margin of the Deccan plateau at a height of about 1,800 ft above sea level Only 30 miles separate the city from the main range of the Western Ghats and 119 miles from the State capital Bombay The annual exodus of Government to Poona, however, has now been stopped, but the monsoon meetings of the Houses of Legislature continue to be held there

The city is surrounded by uplands and hills The climate of Poona is dry during most of the year and very different from that obtaining in the coastal towns of Bombay State On account of its elevation and dryness, Poona is cool during nights even in summer The city is at its best during the monsoon—June to September Apart from the monsoon sessions of the legislature the city is the venue of horse racing organised by the Royal Western India Turf Club

The importance of Poona from the military point of view is growing It is the headquarters of the Southern Command and also of the Poona Sub Area The Poona and Kirkee Cantonments have many military establishments, some of in all India character including the Bombay Engineering Centre at Kirkee A wing of the Indian Air Force is also posted to Poona Some of the other military establishments around Poona are the Ordnance Depot and the Arsenal at Kirkee and the Vehicles Depot at Dehu Road The Indian Navy Mechanical Training establishment, I N S Shivaji , is located at Lonavla, 40 miles from Poona

Poona Municipal Corporation A Corporation for the city of Poona was created on February 15, 1950 The Bombay Government appointed in July 1947 a committee since known as the Bhat Committee to examine and report on measures required to ensure the efficient municipal government of the Greater Poona region The Bhat Committee which reported in November 1947 strongly recommended the amalgamation of the areas included in the limits of Poona city and the suburban municipalities, the two Cantonment Boards and certain other adjoining areas for purposes of municipal government The Committee also recommended that the municipal government of this area should be entrusted to an autonomous Municipal Corporation on the lines of the Bombay Municipal Corporation ' The Corporation was inaugurated under the Bombay Provincial Municipal Corporation Act, 1949

The municipal budget proposals for 1954 55 show an estimated income of Rs 1,11,72 000, including additional revenue from new or enhanced taxation, and expenditure of Rs 1,18,57,000, leaving a deficit of Rs 6 85,000 The Municipal Commissioner has therefore proposed the levy of a profession tax and enhancement of the rates of general tax water tax and conservancy tax

The Municipal Commissioner has approached the Central Government, through the Bombay Government, for an allotment of Rs one crore out of the bulk allotment of Rs 10 crores set aside by the Planning Commission for municipal water supply schemes The project proposed to be financed from this amount consists of tapping the below sill water from Khadakvasla bringing it by underground pipes to Parvati Hill filtering it and supplying it to the citizens

A draft outline of a five year development programme for the Poona Corporation area has been prepared by the Municipal Commissioner This is expected to cost Rs 1,17,6 000

The more important of the institutions of All India character located in Poona are given below

Meteorological Office The technical headquarters of the India Meteorological Department the Meteorological Office in Poona is located on the Ganeshkhind Road at Shivajinagar, in a magnificent building with a conspicuous clock tower

The Poona Weather Office is equipped with a workshop and laboratory and a training school for the initial training of entrants into service in all grades from observers to forecasting officers

National Defence Academy, Khadakvasla Poona has been chosen as the venue of the National Defence Academy the foundation stone of which was laid by the Prime Minister Mr Jawaharlal Nehru on October 6, 1949 The Academy stands on a site of unrivalled scenic beauty in the lovely Mutha valley at Khadakvasla, 11 miles from Poona The Academy estate which has been gifted by the Bombay Government comprises an area approximately 6 200 acres on the left bank of the Mutha river the 200 year old administrative seat of Peshwa rule The Academy will be the only one of its kind anywhere in which cadets will be educated and trained together for the Army, Navy and Air Force Education will be spread over three years and will cover a comprehensive course in history modern languages engineering and various scientific subjects as well as purely military subjects Provision is being made for the admission of 500 cadets every year When the Academy is in full swing it will have a maximum of 1 500 cadets The first batch of cadets will commence their training at the Academy from 1955

School of Military Engineering, Kirkee Intended to meet the training requirements of the Indian Engineers, the School of Military Engineering at Kirkee, near Poona, is the only institution of its kind in the country It imparts basic and advanced technical training to engineer officers of the Indian Army The cost of the building project and lands for the school is Rs 3 crores The first two phases of the project namely the construction of Field Engineering and the Electrical and Mechanical Engineering Wings are now complete and the third stage which includes construction of the wing for Civil Engineering and residential accommodation is expected to be completed in 1956

Armed Forces Medical College Established in 1948 the Armed Forces Medical College in Poona provides courses for officers and other ranks of the Medical Services of the Army Navy and Air Force The courses for officers are designed to keep army doctors and surgeons abreast of current advances in medicine to teach them organisation and administration, to fit them eventually for command of hospitals and field medical units and equivalent appointments in the Navy and Air Force and to help in selection of officers for specialisation in professional subjects

Central Water and Power Research Station The oldest irrigation research institution in India the Central Water and Power Research Station was established in 1920 and is located at Khadakvasla where facilities exist for hydraulic research The station is well equipped to undertake model studies of rivers canals and canal works and gives expert technical advice to the Central and State Governments as well as ports and railways The station is noted chiefly for its large scale model experiments Consequent on Government s policy of launching upon large multi purpose river valley projects the Poona station has lately been enlarged

National Chemical Laboratory The first of a chain of eleven laboratories to be sponsored by the Council of Scientific and Industrial Research in the country, the National Chemical Laboratory at Pashan, six miles from Poona, is intended to be a link between universities, scientific bodies and industrial associations in India It was declared open by the Prime Minister, Mr Jawaharlal Nehru on January 3, 1950 One of its main functions is to serve the scientific and industrial development of the country and to discover ways and means for the application of scientific knowledge to practical problems of human welfare Another object is to undertake fundamental research Prof G I Finch, F R S , an eminent scientist, is the Director of the Laboratory

ADMINISTRATIVE PERSONNEL

REVENUE DEPARTMENT

Collector and District Magistrate, B B Paymaster, I C S
Additional P A to Collector, M G Deshmukh
Additional District Magistrate and P A to Collector, M R Caldeira
Dy Collector Haveli Prant, A M A Khan, M A
Dy Collector Junnar Prant, Poona, A M Patil, B A
Asstt Collector, Baramati Prant, Poona, S M Ghosh, I A S
City Mamlatdar, R S Deshpande
Head Clerk to Collector, Poona, R V Deshpande, B A
Chitnis to Collector, R R Ghodke

JUDICIAL DEPARTMENT

District & Sessions Judge, Poona, Pramod C Bhat LL B
Assistant Judge and Additional Sessions Judge, Poona, M M Hakim, LL B
Extra Asstt Judge and Second Addl Sessions Judge, Poona, M K Trilokekar, LL B
Second Extra Asstt Judge and Third Addl Sessions Judge, Poona, D G Gatne, LL B
Third Extra Asstt Judge and Asstt Sessions Judge, Poona, N D Kamat, LL B
Judge, Small Cause Court Poona, B K Khade, LL B
Civil Judge, Senior Division, Poona J J Jabade, LL B
Joint Civil Judge, S D Poona M V Purandare LL B
Second Jt Civil Judge, S D Poona, M H Shaikh, LL B
Third Jt Civil Judge, S D Poona, P H Parikh LL B
Jt Civil Judge, J D Poona, V R Phadke, LL B
Third Jt Civil Judge, J D Poona, S G Borde, LL B
Fourth Jt Civil Judge J D Poona K N Hingne LL B
Fifth Jt Civil Judge J D Poona, C B Shah, LL B
Civil Judge cum-Magistrate, F C Ghodnadi S D Phansalkar, LL B
Civil Judge cum Magistrate F C Saswad, V S Ozarde, LL B
Civil Judge, J D Junnar C I Bonde LL B
Jt Civil Judge J D Junnar, M K Chatre, LL B,
Civil Judge cum-Magistrate, F C Vadgaon, D M Sapatnekar, LL B
Civil Judge, J D Khed K G Limaye, LL B
Jt Civil Judge-cum-Magistrate, Khed, for Ghodegaon, V M Dhekne, LL B
Civil Judge J D Baramati, N L Ranade, LL B
Civil Judge cum Magistrate, F C Bhor, M S Ajmere, LL B
Registrar, Small Causes Court, Poona, G R Deshpande

PRISONS

Inspector General of Prisons M K Deshpande, I A S
Personal Assistant to the Inspector General of Prisons, V R Nicholas
Superintendent of Central Prison, Yeravda, I M La Touche

INCOME TAX DEPT, POONA RANGE

Inspecting Assistant Commissioner of Income-tax, Poona Range, Poona M S Nadkarni
Appellate Assistant Commissioner of Income tax, Poona Range, Poona, M B Palekar
Appellate Assistant Commissioner of Income-tax, Belgaum Range, Belgaum, K D Dholakia
Appellate Assistant Commissioner of Income-tax, Kolhapur Range, Kolhapur, D P Wadhwani
Income tax Officers Poona, V R Bapat (*Central Circle and Ward A*) M P Patel (*Ward B*) M V Mankar (*Ward C*), S G Rawal (*Ward D*), A I Talvildar (*Ward E*), K N A Ayyar (*Ward F*), S S Kapur (*Ward G*)
Income tax Officer Salaries & Refunds, Poona, N A Khan
Income tax Officer, Special Survey Circle, Bombay South, Poona, M N Deshmukh
G H Q Income tax Officer, Poona, N M Khanna
Additional G H Q, Income tax Officer Poona, V K Pillai
Income tax Officer, Kolhapur V D Deshpande
1st Additional Income tax Officer, Kolhapur, G J Redkar
2nd Addl Income tax Officer, Kolhapur, C N Athavale
Income tax Officers Satara South, Sangli S A Kulkarni (*Ward A*), B S Devasthali (*Ward B*), V G Shinde (*Ward C*)
Income tax Officers, Belgaum, M R Bastikar (*Ward A*), M P Hosmani (*Ward B*), R S Iyangar (*Ward C*)
Income tax Officer, Ratnagiri, G N Gadgil
Income tax Officer, Satara North Satara, M G Mahalye
Income-tax Officers Ahmednagar, A C Jain (*Ward A*), L A Albuquerque (*Ward B*)
Income tax Officers, Bijapur, V R Hiremath (*Ward A*), V B Deshpande (*Ward B*), A V Kasbekar (*Ward C*), K V Shettigara (*Ward D*)
Income tax Officers, Dharwar, G S Sampath (*Ward A*), A K Ramchandra Prabhu (*Ward B*), C G Nawli (*Ward C*), M H Mirdhe, (*Ward D*)

PUBLIC WORKS DEPARTMENT

Superintending Engineer, Central Circle Poona, K V Joglekar, B E, B S E (I)
Executive Engineer, Poona Division, A B Haval, B E
Executive Engineer, Building Projects Division, Poona, L S Ahuja, B Sc (Hon) (Edin), A M I Struct E (Lond)
Superintending Engineer, Deccan Irrigation Circle, Poona, A G Maydeo, B E, A M I E (Ind), B S E (I)
Executive Engineer, Poona Irrigation Division, S V Desai, B E, B S E (I)
Executive Engineer, Nira Right Bank Canals Division, Phaltan, P K Murti, B S E (I)
Executive Engineer, Irrigation Development Division, Poona, R L Phansalkar, B E, A M I E (Ind)
Public Health Engineer to Government, Poona, S E Wadia, B E, A M I E, M R San I (Lond)
Executive Engineer, Central Public Health Works Division, Poona, M J Mehta, B E, A M I E (Ind)
Deputy Engineer in charge of Government Central Stores, Work Shops and Training Centre, Dapuri, Poona 9, P C Parikh, B Sc, B E, (Mech and Elec)
Executive Engineer, Designs Division, Poona, S V Natu, B E

SOIL CONSERVATION SECTION

Soil Conservation Officer, B S, Poona, D A Gadkary, B E, A M I C E, (London) M I F (India)
Technical Assistant to the Soil Conservation Officer, B S Poona, R V Satpute, D C E

Northern Division

Divisional Soil Conservation Officer, N D, Baroda, G V Patel, B E
Sub Divisional Soil Conservation Officer, Mehsana, D G Kelkar, B Ag M Sc (Wisconsin)
Sub Divisional Soil Conservation Officer, Dhulia D K Dhekne, D C E
Sub-Divisional Soil Conservation Officer, Baroda, S P Patel, B Ag

Central Division

Divisional Soil Conservation Officer C D Poona M K Shirole, B Ag
Sub Divisional Soil Conservation Officer, Poona, S K Biradar, B Sc (Agri)
Sub Divisional Soil Conservation Officer Pandharpur, E L Zopay, B Sc (Agri)
Sub Divisional Soil Conservation Officer, Sholapur, B K Shinde, B Ag
Sub Divisional Soil Conservation Officer, Ahmednagar, L G Pandit B Sc (Agri)

Southern Division

Divisional Soil Conservation Officer, S D, Bijapur, M S V Rama Rao, B E, A M I E (India)
Sub Divisional Soil Conservation Officer, Miraj, K C Kalkoti, B Sc (Agri)
Sub Divisional Soil Conservation Officer, Bagalkot, M G Shettar, B Sc, B E
Sub Divisional Soil Conservation Officer, Bijapur, T G Yavagal, B Sc (Agri)
Sub Divisional Soil Conservation Officer, Belgaum, V R Kavalur, B Sc (Agri)

SOIL PHYSICIST'S SECTION

Soil Physicist to Govt, B S Poona, Dr J K Basu, M Sc (Cal), Ph D (London), F N I
Soil Chemistry Section Soil Chemist, V D Tagare B Sc, B Ag (*Physicist's Section Sholapur*) N B Purnik, M Sc (*Erosion*), Dr N D Rege, M Sc, Ph D (*Fertility*), B R N Iyengar, B Sc, B Sc Ag (Hons)
Agronomy Section Agronomist, Soil Physicist's Section, Sholapur, L Sreenivas, B Sc (Agri), M S (Texas)
Agronomists, Agricultural Research Stations, Y S Rane, B Ag (*Sholapur, Dist Sholapur*), G S Agashe, B Ag (*Jeur, Dist Sholapur*), M B Habbu, B Ag (*Chas, Dist Ahmednagar*), G K Badigar, B Sc Ag (Hons) (*Saundatti, Dist Belgaum*), B D Kamat, B Sc (*Nargund, Dist Dharwar*), R V Kulkarni, B Sc Ag (*Kaladgi, Dist Bijapur*), A S Patel, B Sc (Agri), (*Hariy, Dist Mehsana*)

CENTRAL WATER AND POWER RESEARCH STATION

20, Bombay Road, Poona—3

Director, D V Joglekar, B E, M I E (India)
Dy Director, R C Hoon, M Sc, Ph D

TOWN PLANNING & VALUATION DEPARTMENT

Consulting Surveyor to the Government of Bombay, Poona, V K Bakre, B Sc, B E (Civil), B Sc (Lond)
Dy Assistant Consulting Surveyor to Govt and Spl Land Acqn Officer, Bombay & B S D, K R Desai, B E (Civil) (Estate Management)
Assistant Consulting Surveyor to Government, Ahmedabad, R. M Parikh, B E (Civil), F I A S, F R S A, M R San I (Lond), A M I E (India)
Dy Assistant Consulting Surveyor to Govt (to work as full time Spl Land Acqn Officer, Ahmedabad), K R Desai, B E (Civil)
Deputy Assistant Consulting Surveyor to Government and Spl. Land Acqn Officer, Baroda, J R Mankad, B E (Civil).

Deputy Assistant Consulting Surveyor to Govt, Kolhapur, B T Talim, B E (Civil)
Senior Assistant to Consulting Surveyor and Spl Land Acqn Officer, Poona, S S Pansare, D C E
Addl Spl Land Acqn Officer, Poona, H R Purandare, D C E
Spl Land Acqn Officer, Ahmedabad, N Y Joshi, D C E
Additional Special Land Acquisition Officer, Ahmedabad, P V Saswadkar, D C E
Senior Assistant to Consulting Surveyor, Kalyan, H K Patil
Senior Assistants to Consulting Surveyor (P W R Scheme), Poona, J B Kamat, B E (Civil), V G Kuber, [illegible] (Civil)

LAND RECORDS AND REGISTRATION

Settlement Commissioner and Director of Land Records, and Inspector-General of Registration and Registrar General of Births, Deaths and Marriages, Bombay State, Poona, U M Mirchandani, I C S
Supdt of Land Records, Ahmedabad Circle, V R Kulkarni
Supdt of Land Records, Surat Circle, N K Ponkshe B A
Supdt of Land Records, Poona Circle and Personal Asstt to the Settlement Commissioner and Director of Land Records, Poona, H V Desai, B A
Supdt of Land Records, Belgaum Circle, H R Inamdar, B A
Special Superintendent of Land Records, Ratnagiri, V H Sangam
Special Supdt of Land Records for Consolidation of Holdings, V A Athani, M A

PUBLIC HEALTH DEPARTMENT

Director of Public Health, Poona, Dr D K Viswanathan, L M & S, B S Sc, M P H (John Hopkins), F A Sc
Asstt Director of Public Health, C R D Poona, Dr N T Advani, M B B S, D P H (Lond)
Asstt Director of Public Health, Plague and Technical Poona, Dr I B Patel, B Sc, M B B S, B Hy (Bom) D P H (Lond)
Asstt Director of Public Health Malaria Poona Dr J K Adranvala, M B B S (Bom), L R C P (Lond), M R C S (Eng), D T M & H (Eng), D P H (Lond)
Asstt Director of Public Health, I c Vaccine Institute, Belgaum, Dr R Sanjiv Rao, M B B S, D I M (Liv)
Asstt Director of Public Health I c Public Health Laboratory, Poona, Dr S I Rodda, M B B S B Hy (Bom)
Asstt Director of Public Health, N R D, Ahmedabad, Dr V H Thakore, M B B S, D I H (Bom)
Asstt Director of Public Health, S R D, Belgaum, Dr A K Niyogi, M B, D P H (Cal), D I H (Edin)
Entomologist, Malaria Organisation, Poona, Dr T Ramchandra Rao, D Sc (Cal)
District Health Officer, Kaira, Dr K P Ganguly, M B, D P H (Cal)
District Health Officer, Nasik, Dr W D Pande, M B B S (Bom), D P H (Cal)
District Health Officer, Ahmedabad, Dr V H Thakore, M B B S, D P H (Bom), holding additional charge
District Health Officer, Ahmednagar, Dr T K Kewalramani, M B B S, D I H
District Health Officer, West Khandesh, Dhulia, Dr M L Gulati, M B B S, D T M, D P H (Lond)
District Health Officer, Baroda, Dr S Ganguly, M B, D P H (Cal)
District Health Officer, Satara North, Dr V D Shah, M B B S, D P H (Cal)
District Health Officer, Sholapur, Dr V N Rao, M B B S, D P H (Cal)
District Health Officer, Surat, Dr R A Gandhi, M B B S, D P H
District Health Officer, East Khandesh Jalgaon, Dr G N Niyogi
District Health Officer, Thana, Dr S R Batheja
District Health Officer, Panchmahals, Godhra, Dr T S Mahal, M B B S, D P H (Cal)
District Health Officer, Broach, Dr S B Adval, M B B S, D P H (Cal)
District Health Officer, Kolhapur, Dr G N Joshi, M B B S, D P H (Cal)
Medical Officer of Health, Dharwar Division, Dharwar, Dr M R Dhamdhere, M B B S, D P H (Cal)
Medical Officer of Health, Sirur Health Unit, Sirur, Dr T B Mirchandani, M B B S, D P H (Cal)
Medical Officer of Health, Kanara West Division, Karwar, Dr H F Daroga, M B B S, D P H (Cal)
District Health Officer, Kolaba, Pen, Dr P D Paranjpe, M B B S, B Hy
District Health Officer, Belgaum, Dr B Raghavan, M B B S, D P H (Cal)
District Health Officer, Amreli, Dr V S Mhatre, M B B S, B Hy (Bom).
District Health Officer, Sabarkantha, Himatnagar, Dr B V Shirolkar, M B B S D P H (Cal)
Medical Officer, Malaria Organisation, Head quarters, Poona Dr S, D Londhe, M B B S, D P H (Cal)
Medical Officer, Malaria Control Scheme, Broach, Dr S R Kulkarni, M B B S, D P H (Bom)
Medical Officer, Malaria Control Scheme, Poona, Dr M D Joshi, M B B S
Medical Officer, Malaria Control Scheme, Nasik, Dr M R Juneja, M B B S
Medical Officer, Malaria Control Scheme, Ahmedabad, Dr P B Gatne, L C P & S
Medical Officer Malaria Organisation, Poona, Dr B R Irani, M B B S
Medical Officer Malaria Control Scheme, Panch mahals, Godhra, Dr H R Bhatt, L C I & S
Medical Officer, Malaria Control Scheme East Khandesh, Jalgaon, Dr S V Kulkarni L C P & S, D P H & Hy (Cal)
Medical Officer, Malaria Control Scheme, Thana, Dr K V Borkar M B B S
Medical Officer, Malaria Control Scheme, Kaira, Dr T R Deshpande, B Sc L M P (Bom)
Chief Chemist Baroda, B N Mehta, M Sc
Plague Control Officer, Baramati Dr B K Mahajan, M B B S (Punjab)
Medical Officer, I/c Mobile Hospital Unit N R D, Dhulia Dr S W Palshikar, M B B S
Medical Officer, I/c Mobile Hospital Unit S R D, Belgaum, Dr R S Bhave M B B S
Medical Officer, I c Mobile Hospital Unit, C R D, Poona, Dr V R Hirematth, M B B S
Superintendent, Vaccine Institute, Belgaum, Dr P N Patel, M B B S (Bom)
Junior Entomologist, Head quarters, Poona, S C Bhatia, B Sc (Agri)

EDUCATION DEPARTMENT

Director of Education D C Pavate M A (Cantab), Wrangler (B)
Deputy Directors of Education, S S Bhandarkar, B A (Hons) (Bom) and (London), B M Mehmamsi, B A, B I I N R Trivedi, M A (Bom) II, B A I, Maths Trip Parts I and II, 1st class Wrangler B A (Cantab), Dr A G Pawar, M A L L B (Bom) Ph D (London), Bar at Law, J A Vakil, B A I (Bom), Dip Edn (Leeds), M Ed (Leeds), Y D Khan
Inspector of Drawing and Craftwork, D G Badigar, G D (Art), Bombay Graduate of the Royal Academy of Arts (London)
Inspector for Visual Education, G K Athalye, B Sc (Bom), B Sc spl (Lond), M Sc (Lond), A R C Sc (Lond) B T (Bom)
Inspector for Physical Education, Bombay State, D G Wakharkar, B A, B T Dip P Ed M Ed
Vocational Guidance Officer, Dr F S Chothia, M Ed (Bom), M A (Education) (Lond) M Ed (Harvard)
Inspectress of Girls' Schools, Bombay, Kumari S Bapat, M A, B T, T D (Lond)
Inspectress of Girls' Schools, Poona, Kumari C S Karnataki, M A, B T, T D (Lond)
Personal Assistant to the Director of Education, W H Golay, B A (Hons), Diploma in English language and Literature (Lond), Diploma in Journalism (Lond)
Superintendents, M V Deshpande M A, L L B, G S Bakre, M A, J D Trivedi, B A, B T R N Pradhan M A
Educational Inspector, Bombay, R S Galtonde, B Sc, B T, T D (Lond)
Educational Inspector, Poona, V K Choudhari, B Sc (Bom), M A (Cambridge)
Educational Inspector, Sholapur V B Desai, B A (Hons), B T, D P Ed, M Ed
Educational Inspector, Satara North, B R Kolhatkar, M A, T D (Lond)
Educational Inspector, Kolhapur and Satara South, Y V Javadekar, M A, B T, Diploma in Physical Education
Educational Inspector, Nasik, A K Godse, B Sc II, B T, Dip Phy Edn
Educational Inspector Thana, G K Koppikar, B A II (Hons), B Sc B T II, M Ed
Educational Inspector, Ahmednagar, H Z Shimpi, M A B T
Educational Inspector, East Khandesh, N G Save, B A, B Sc II B T, D P Ed
Educational Inspector, West Khandesh, U R Seolekar, B A (Hons) B T M Ed
Educational Inspector, Ratnagiri, G J Gunjikar, B A (Hons), B T
Educational Inspector, Kolaba, K C Mohile, B A (Hons) B T
Educational Inspector, Baroda, V H Bhanot M A (Panjab), B A (Hons) (Canterbury), S T C E (Baroda), M A in Education (Lond)

Educational Inspector, Ahmedabad and Amreli Dr S S Raichur, B A II B T, M Ed (Boston), Ph D (Boston)
Educational Inspector, Kaira, V D Varde
Educational Inspector, Surat, M M Shukla, M A II, B T, M A in Education (Lond)
Educational Inspector, Broach M J Dave, B A II, B Sc II, B T, D P Ed
Educational Inspector, Mehsana and Banaskantha, N D Khasakia
Educational Inspector, Panchmahals, R P Pandya, B A II (Hons), B Sc II T D (Lond), N T T (Lond)
Educational Inspector, Sabarkantha P M Joshi, B A II (Hons), B T D T Ed
Educational Inspector, Belgaum, S V Jowoor, B A (Hons) B T, M Ed
Educational Inspector, Bijapur, C S Bennur B A, B T S T C, D P Ed, M Ed
Educational Inspector, Dharwar K B Jergaonkar
Educational Inspector, North Kanara R R Kupsad, M A B T

YERAVDA INDUSTRIAL SCHOOL
(Poona 6)

Superintendent B S Khare B A
Dy Superintendent D K Athalye

POSTS AND TELEGRAPHS DEPARTMENT

Postmaster Poona M B Desai
Divisional Engineer Telegraphs Poona, M D Inna
Deputy Divisional Engineer Telegraphs Poona P G de Silva
Sub Divisional Officer Telegraphs Poona P K S Raja B A (Hons)
Assistant Engineer Telephones, Poona V C Alexander B Sc
Sub Divisional Officer, Telephones, Poona, I N Rajagopalan, B A (Hons)
Sub Divisional Officer Telegraphs Belgaum G K Prabhu
Superintendent in Charge, G T O, Poona, W S Wandalkar
Superintendent in Charge, G P O Belgaum, G Alva

YERAVDA PRISON PRESS

Manager K C Dhakar
Assistant Manager S R Desai

INDIA METEOROLOGICAL DEPARTMENT
(Poona 5)

Deputy Director General of Observatories (Forecasting) A K Roy, B Sc B A (Oxon)
Deputy Director General of Observatories (Climatology & Geophysics), Dr I V Kanade M A Ph D
Director Agricultural Meteorology, S P Venkateshwaran B A (Hons)

Meteorologists Dr P Koteshwaram D Sc Dr I M K Nedungadi, M A D Sc D I C (Lond) Dr T K Jose M Sc Ph D V K Mallik M Sc B Sc (Agri) Assoc I A R I K Nagabhushana Rao M Sc Dr C G Pendse M A Ph D, Miss V M Mani B Sc (Hons) T K Das B Sc (Hons) M Sc (Lond) K P Ramakrishnan, B A B G Narayanan B Sc N C Rai Sircar M Sc

Assistant Meteorologists Dr D N Mokhe M Sc D Sc S Yegnanarayanan B A I S Srinivasan M Sc K M Gadre, B Ag S B Kulkarni M Sc S S Ramakrishnan, M A V K Ramabhadran M A A J Shirgaonkar M Sc M V Sivaramakrishnan, M A M D Mathur M Sc S P Bose B Sc P N Iswas B Sc P Jagannathan M A N C Ganguli B A J C Das, B A (Hons), R Krishnaswamy B A, B T

CO OPERATIVE DEPARTMENT
(Poona)

Deputy Registrar, Co operative Societies, Poona Division, Poona, B M Chitnis

FOREST DEPARTMENT
(Central Circle)

Conservator of Forests Central Circle Poona, J V Karamchandani, B Sc (Forestry) (Edin), F R S A
Divisional Forest Officer, Poona M V Warti
Divisional Forest Officer, Kolaba Alibag I G Lagu
Divisional Forest Officer Satara, K P Karamchandani, B Sc (Hons)
Divisional Forest Officer, Kolhapur, G A Wagle
Sub Divisional Forest Officer, Janjira, L G Lagu (*Additional charge*)

GOVERNMENT OF INDIA, DEPARTMENT OF ARCHÆOLOGY
South Western Circle, Poona

Superintendent, V D Krishnaswami, M A, Dip Arch (Cantab)
Asstt Superintendent, B K Thapar, M A

LONAVLA

This hill station is situated at the top of the Bhore Ghat incline about 2 027 feet above sea level It has extensive Railway quarters for employees, a Railway Dispensary exclusively for Railway employees a Railway Co operative Store and two Railway Institutes with Reading Rooms and Library, and Tennis Courts for Railway employees

Lonavla, Bhaugarwadi, Bhushi Nagargaon, Valvan, Tungarli and Khandala are all in the charge of the Lonavla City Municipality established in 1877 The Railway has a Municipality of its own The Post and Telegraph offices in Lonavla belong to class 2 Church of England, Methodist and Roman Catholic churches, two Masonic lodges—Lodge Dawn of Peace and Lodge Barton'—are other important features of the town

Among the Lakes may be mentioned the Tata Sons Hydro Electric Works Lake at Valvan (walking distance and drive over a built road) their smaller Lake near the Railwoods, and the Lonavla Municipality's Water Works on the top of the Tungarli Hill about 2½ miles north of the Railway Station Fishing is allowed both at the Bhushi and the Valvan lakes the latter being the more suited for the purpose A permit can be obtained locally from the Water Engineer's office at Lonavla on payment of a fee which includes the use of the Company's boat

The Railway houses are supplied with water from the Railway Bhushi Tank about three miles from the Railway Station The town of Lonavla and its adjacent villages and suburbs are supplied with water from the Municipal Water Works at Tungarli

Lonavla has a High School conducted by the Vidya Prasarini Sabha of Poona a Municipal Dispensary with a Maternity Ward The Municipality has constructed new vegetable mutton beef and fish markets and mutton and beef slaughter houses on modern sanitary principles There is a Municipal rest house and Dharmashalla on the Lonavla Bhaugarwadi Road The Railwoods are suitable for picnics and are also a camping ground for Government Officers during the hot season

About 3½ miles from the Railway is situated the 'Tiger's Leap," a promontory which commands a picturesque view of the valley below The famous Karla Caves are situated on a hill about five miles from Lonavla and are reached by a built road up to the foot of the hill, and visitors either walk up or are carried up by means of chairs There is a man in charge of the Caves at the top for assisting visitors Tongas and victorias can be hired throughout the year From the Railway Station of Malawali nearly three miles from Lonavla visitors can proceed to view the Lohgadh Fort (now partially demolished) on the top of a hill The approach to it is by no means easy and visitors must arrange beforehand for chairs slung on poles to be sent to the Railway station from the Karla Caves hill or Karla village This Fort was formerly used as a State prison by the Peshwas About five miles by road from Lonavla is the Sahar Pathar Hill a well known shooting ground where big game may be found

The terrace garden overlooking Tata's Valvan Lake, and situated at the top of a hill commanding an extensive view all round is another attraction for visitors to Lonavla The garden is mainly financed by the Kaivalyadham Ashram of Lonavla, the Municipality also contributing to its upkeep

The following are some of the Forts and places of interest —

Fort of Lohgadh	3 412 feet above sea level	
Fort of Visapur	3,542	do
Fort of Rajmachi which stands on the top of the Sihadri Range and commands a grand view of Matheran, Konkan and even part of Bombay	2 710	do
Duke's Nose	2,720	do
Tungarli Municipal Lake	2,276	do Top of Dam

There are two good hotels at Lonavla, *viz*, the Lake View and the Hotel Central The Hotel Central and the Lake View remain open throughout the year Mention may also be made of the Khandala hotel at Khandala, which is only 2 miles from Lonavla

The temperature varies from 65 in the cold weather to 85 in the hottest month

The rainfall varies from 160 to 250

The Municipality maintains electric street lights within the Municipal limits

KHANDALA

Khandala, a health resort, 78 miles from Bombay by rail and 71 by road lies in Mawal Taluka It is situated at the top of the Bhor Ghat at an elevation of about 2,000 feet above sea level, and has an agreeable and bracing climate all through the year The town is electrically lit and possesses adequate water supply brought from the municipal dam in Tungarli hills It has also the usual postal telephone and telegraph facilities Bungalows are available for seasonal lease, and bungalows, sanitaria hotels are all easily accessible from the railway station The local population is about 1,500

Rice is cultivated on a small scale and there is very little commerce or industry The town is primarily a health resort, and tourist centre Among places worth a visit in and around the town are Tata Electric Supply Company's reservoir called Forbay Dam Byramjee's Point, the Duke's Nose, Tiger's Leap, all of which provide magnificent views of the surrounding country About nine miles from Khandala are the Kaila caves considered to be the oldest specimen of Buddhist caves in India In Walwan lake which is about four miles from Khandala good mahashir fishing is available

HOTELS

Khandala Hotel
Empress Hotel
Western Hotel
Government Inspection Bungalow

INSTITUTIONS

St Peter's School and Nursery
Cowasji's Zoroastrian Girls Boarding School
Marzban Sanitarium
Hindu Sanitarium
Khoja Sanitarium
Government Dispensary
Wadia Charitable Dispensary
Wadia Hospital
St Xavier's College Fathers Holiday Home
St Mary's School Fathers Holiday Home
Convent of Jesus and Mary
Poona St Mary's Convent
Jesuit Mission House Kune

EDUCATIONAL INSTITUTIONS

UNIVERSITY OF POONA

The University of Poona was established by the Poona University Act, 1948 of the Government of Bombay passed in pursuance of its policy to create Universities in the State for different linguistic regions The University area comprises the following 12 Marathi speaking Districts of Maharashtra in Bombay State namely Poona Nasik Thana East Khandesh West Khandesh Ahmednagar, Sholapur, North Satara, South Satara Kolhapur, Ratnagiri and Kolaba

The University is both teaching and affiliating in character The teaching activity is confined to Post graduate classes in the whole University area and also post intermediate classes in the Poona area (which comprises Poona and its suburbs)

It has the following seven Faculties and has provision for courses for the following degrees

Faculty of Arts B A M A Ph D D Litt B A (External) M A (External), *Faculty of Mental Moral and Social Sciences* B A M A, B T, M Ed, B Com, M Com Ph D *Faculty of Science* B Sc M Sc, M Sc (Maths) (External) Ph D D Sc *Faculty of Law* LL B, LL M, *Faculty of Medicine* M B, B S, M D M S Ph D, *Faculty of Engineering* B E (Civil Mechanical and Electrical, Telecommunications and Metallurgy) M E Ph D, *Faculty of Agriculture* B Sc (Agri), M Sc (Agri) Ph D

The University has also instituted for the benefit of employed persons and married women, the B A (External) and M A (External) degrees in the Faculties of Arts and Mental, Moral and Social Sciences and M Sc (Maths) (External) in the Faculty of Science to which students can qualify by appearing for the examinations direct without having to undergo instruction in a College or the University

The University has also instituted a Faculty of Fine Arts and Music and the degree of Bachelor of Music, but it has not started functioning so far

COLLEGES AND INSTITUTIONS

The University has in all 26 affiliated Colleges and four recognized Research Institutions Of them, 11 colleges and all the four Recognized Institutions are in the Poona area and they are called the Constituent Colleges and the Constituent Recognized Institutions of the University Of the Colleges two are Law Colleges (One at Poona and the other at Kolhapur) one is a Medical College (at Poona), two Engineering Colleges (One at Poona and one at Sangli) and one Agricultural College (at Poona) The rest are Colleges for Arts Social Sciences and Science The total strength of students in all the colleges and the University is in the neighbourhood of 15,000

UNIVERSITY DEPARTMENTS

The University has its own Departments in the following ten subjects, each headed by a University Professor or Reader and mainly, intended for post graduate instruction and research Marathi, Sanskrit, Politics Experimental Psychology, Mathematics and Statistics, Physics, Chemistry, Zoology, Geography and Botany (to be started shortly)

CHANCELLOR

Girja Shankar Bajpai, B A (Oxon), B Sc Governor of Bombay

VICE CHANCELLOR

Dr M R Jayakar, P C, M A, D C L, LL D

REGISTRAR

G P Bhosle B Sc (Econ) (Lond)

DY REGISTRAR

Vacant

ASSTT REGISTRAR

R B Hanerikar, M A, LL B

DY LIBRARIAN

K S Hingwe, M A, Dip Lib Sc

SECRETARY, FOREIGN UNIVERSITIES INFORMATION BUREAU AND UNIVERSITY EMPLOYMENT BUREAU

A B Arlick B Sc (N D U S A)

SECRETARY, BOARD OF EXTRA MURAL STUDIES

Dr A V Naik M A Ph D

THE COURT

This corresponds to the Senate of the Bombay University and is the main policy making body of the University It can institute and confer degrees, institute professorships Faculties and consider and pass resolutions on Annual Reports Annual Accounts and the Financial Estimates of the University prepared by the Executive Council Its membership is about 160 and besides the registered graduates it has also got representatives of the District Local Boards and Municipalities in the Districts in it This special characteristic has enhanced the representative character of the University

ACADEMIC COUNCIL

This is the main academic body and has got powers in respect of all academic matters of the University Its total membership is about 80

EXECUTIVE COUNCIL

This is the main administrative body of the University comprised of representatives from the Court and the Academic Council Its total membership is 16

BOARD OF UNIVERSITY TEACHING

This is concerned with the organization co ordination and conduct of post intermediate teaching in the Poona area and the post graduate teaching in the whole University area Its total membership is about 40

BOARDS OF STUDIES

These are 40 in number in all the Faculties together Their main function is to frame courses of Studies and to draw up panels of examiners

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AYURVEDA MAHAVIDYALAYA

POONA 2

The Institution is recognised by the Faculty of Ayurvedic & Unani Tibbi systems of medicine Bombay and conducts 4½ years course as prescribed by the Faculty The standard of admission to the course is Inter Sc with Sanskrit for matriculation

The Institution maintains Laboratories for Bio chemistry, Physiology and Pathology and has a Dissection Hall, Museum, Library, and a Pharmacy Department as well The 11 members of the staff include vaidyas, doctors, chemists, and Sanskrit scholars

The Institution also conducts a two years' Post Graduate course

The total number of students receiving instructions is 350 which includes 75 lady students

The attached hospital known as the Seth Tarachand Ramnath Ayurvedic Hospital has 150 beds (60 medical, 60 surgical & 30 maternity) and has a well equipped operation theatre a Pathological Laboratory, an X ray department and an out patient department treating 250 patients daily

Medical Treatment given is purely Ayurvedic

The institution has acquired 6½ acres of land near the hospital for residential quarters for students and staff, Botanical garden play grounds etc

The institution has also acquired 129 acres of land at Katraj Ghat, on Poona Satara road where a T B Sanatorium will be started

The Institution is receiving Rs 68,000 as grant in aid from the State Government and the yearly expenditure of the Mahavidyalaya and the hospital is more than Rs 2,50,000

B J MEDICAL COLLEGE, POONA

This College was started in June 1946 as a result of conversion of the Medical School into Medical College The College admits every year 80 students for the M B B S Course The total number of students at present is about 450 The clinical instruction is given in the attached Sassoon hospitals The Principal and Professor of Anatomy is Dr B M Desai M S (Bom), F C P S (Bom)

CAMP EDUCATION SOCIETY

Raja Dhunrajgirji High School,
22/1, Nagesh Peth, Poona 2

Aim Education for the poor of all classes For the building in camp Sir D M Petit paid Rs 7 500 and the Government of Bombay Rs 7,500 For the Raja Dhunrajgirji High School, Poona City Rajasaheb Dhunrajgirji paid Rs 25 000 The Society conducts a primary school in camp

Life members G P Sohoni Hon Secretary and Head Master, R D High School Poona 2

V K Shrotriya, Head Master, Camp High School, Poona 1

COLLEGE OF AGRICULTURE

The Agricultural College Poona 5, is a Government college under the control of the Agricultural Department It is affiliated to the Poona University A four year course leading to the degree of Bachelor of Science in Agriculture—B Sc (Agri)—of the Poona University is given at this College Students passing the S S C examination or an equivalent examination can be admitted to this course subject to satisfying the University regulations The college is also fully equipped for Post graduate instruction leading to the degrees of M Sc (Agri) and Ph D

Short courses in special subjects and facilities for research exist at this college

COLLEGE OF ENGINEERING

Poona

(1) The College of Engineering arose out of a school established by Government in 1854, for the purpose of educating engineers for the Public Works Department and is under the control of a Principal who is subordinate to the Joint Director of Technical Education

(2) The College of Engineering, Poona is a Government institution under the Educational Department of the Government of Bombay It is affiliated to the University of Poona and conducts courses for the Degrees of Bachelor of Engineering (civil, mechanical and electrical, metallurgy and tele communication) The Degree Course is a three and a half years Course after the Intermediate Science

(3) It has also courses leading to the diplomas in civil engineering mechanical engineering electrical engineering, metallurgy and tele communication awarded by the Government of Bombay The Diploma courses are of three years duration after the S S C Examination of the Government of Bombay or its equivalent

(4) There is a provision for Post Graduate teaching in all branches of engineering

(5) The college has a well equipped library

(6) The college is situated in a very central locality near the Sangam close to the railway station of Shivaji Nagar It has residential accommodation for 353 students of the Degree classes and for 121 students of the Diploma classes Rooms are also available in several private bungalows in the close vicinity of the college

(7) The college has extensive playing fields adjoining the hostels and ample facilities are available for the physical development of the students The Gymkhana which is run by the students under the guidance of the staff provides facilities for playing cricket, tennis, football, hockey, volley ball, basket ball badminton and other games

(8) The College has also fine boat clubs (run by the students) which are open throughout the fair season (October June)

DECCAN EDUCATION SOCIETY

Poona

The object of the Society is " to facilitate and cheapen education by starting, affiliating and incorporating at different places, as circumstances permit, schools and colleges under private management or by any other ways best adapted to the wants of the people " The Society has now 36 life members The value of the property and endowment funds held by the society amounts to more than Rs 59,48,000 The annual receipts and expenses of the society's institutions amount to Rs 20,00,000 The Council, the Governing Body, and the board of life members are the bodies entrusted with the management of the society s affairs

Chairman of the Council and the Governing Body —H G Gharpurey, M A, I C S (Retired), *Secretary* —Prof G L Chandratreya, M A (Cantab), Fergusson College, Poona

The Society's Institutions are the following —The Fergusson College, Poona *Principal*—Dr D D Karve, M Sc, Ph D, A I I Sc, The Willingdon College, Sangli *Principal*—Prof K G Pandit, M A, The Brihan Maharashtra College of Commerce, Poona *Principal*—Prof T M Joshi, M A, The New English School, Tilak Road, Poona 2 *Superintendent*—Prof P N Virkar, M A, B T, T D (Lond), The New English School, Ramanbag, Poona *Superintendent*—Prof K G Nitsure, M A, B T, The New English School, Satara *Chairman Standing Committee*, Prof N V Vaidya, M A, Maoji Madhavji High School, Umbargaon *Chairman, Standing Committee*—Prof D D Vadekar, M A, Dravid High School, Wai *Chairman, Standing Committee*—Dr V V Gokhale, B A, Ph D, Ahilyadevi High School for Girls, Holkar Wada, Poona *Chairman, Standing Committee*—Prof R S Joag, M A, The Navin Marathi Shala, Poona *Chairman, Standing Committee* Prof S R Parasnis M A, Justice M G Ranade Balak Mandir, Poona *Chairman, Standing Committee*—Prof S R Parasnis, M A, Technical Institute (attached to Fergusson College), Poona *Chairman, Standing Committee*—Prof D G Dhavale, M Sc

The total number of students in the institutions of the Society exceeds 10,000

D E SOCIETY S AHILYADEVI HIGH SCHOOL FOR GIRLS

Holkar Wada, Poona 2

The School with 850 pupils and 30 teachers (mostly women) has been steadily furthering the cause of female education and has shown considerable improvement and progress in all its activities in its brief life of ten years It has distinguished itself in the inter-school competitions for girls by winning championships and trophies and its matriculation results are also very encouraging The School satisfies all the necessary requirements of the full fledged modern School It is singularly fortunate in having its own 16 mm projector machine which has gone a long way to make the school instruction more realistic It is hoped that due to the willing public support and sympathy that are profusely extended to the school from time to time, the school is sure to make great headway in the educational field A great stress is laid on the practical aspects of the subjects that will be useful to the girls in their future day to day life

D E SOCIETY'S BRIHAN MAHARASHTRA COLLEGE OF COMMERCE

Poona 4

(Affiliated to the Poona University as a Constituent Degree College)

The Deccan Education Society, Poona, established in 1884, started this college in June 1943 It is a first grade college teaching upto M Com degree examination The Brihan Maharashtra Sugar Syndicate Ltd, Poona, gave a munificent donation of rupees two lacs towards the building fund of the college The trustees of the Sir Dorabji Tata Trust have donated Rs 50,000 for the construction of an assembly hall for the college

The college is situated, at present, in the ' Amphitheatre ' buildings of the Fergusson College of the society The permanent buildings of the college have to be constructed on a separate piece of ground where the play fields are already located

D E SOCIETY S NAVIN MARATHI SHALA

Shanwar Peth, Poona 2

Superintendent —P V Sane, B Sc, S T C

Conducted by Deccan Education Society Poona Established in 1899 in Holkar Wada, shifted to its present stately building with its extensive ground on all sides in 1923 The school is open to all irrespective of caste and creed and gives instruction up to Std IV

Special features —(i) Provision for drawing, clay-modelling, gardening, singing and sewing, (ii) reading room for children, (iii) A separate department for giving first aid to pupils

JUSTICE M G RANADE BALAK MANDIR

Shaniwar Peth, Poona 2

Superintendent, P V Sane, B Sc, S T C

Conducted by the Deccan Education Society, Poona Established in 1936, is temporarily housed in the Navin Marathi Shala Children admitted are between the ages of 3 and 6 A spacious hall, children's garden, large play ground equipped with merry go-round, slides, sea saws and the school bus, etc are some of the special features Strength of the school is over 200 The staff consists of women teachers who are all qualified

D E SOCIETY'S NEW ENGLISH SCHOOL

Ramanbag, Poona 2

The New English School, Ramanbag started its existence as a separate high school in June, 1946 Till then it formed a section of the New English School, Poona, founded in 1880 by such eminent educationists as Chiplunkar Tilak, Agarkar, Namjoshi and Apte The traditions of service and self sacrifice and the spirit of idealism which inspired the workers in the past still continue to guide and sustain the present constituents of the school in their national work of educating the new generation The total strength is 1,100, with 23 classes

Special Features —(i) gardening, (ii) manual training, (iii) scout groups, (iv) poor boys' store

FERGUSSON COLLEGE
Poona

This Institution owes its origin to the development and growth of the New English School, Poona, which was founded in 1880 for the purpose of cheapening and facilitating education The college is under the direct supervision of the council and the governing body of the Deccan Education Society The college is a constituent college of the University of Poona for teaching courses in Arts and Science upto the highest degrees

Principal —D D Karve, M Sc , Ph D , A I I S

LAW COLLEGE
Poona

Opened by Indian Law Society in 1924, owns building, library, gymkhana, swimming pool, hostel

Scholarships are awarded on the results of examinations

Principal —Ganapati Vishnu Pandit, M A , LL M

MAHARASHTRA EDUCATION SOCIETY'S COLLEGE OF ARTS AND SCIENCES
Poona 4

This college is the tenth educational institution started in 1945 by the Maharashtra Education Society, Poona The society itself has grown out of a school founded in 1860—In fact the oldest surviving school of Poona The society has been conducting five high schools, three in the city of Poona (including one for girls only) and two in the Poona District—one at Baramati and one at Saswad , two primary schools , one nursery school and one Teachers Training Institute At present 6,000 pupils are being catered for by the society

This college is a constituent degree college of the University of Poona and teaches for the present courses leading up to Intermediate Arts and B Sc examinations

Prof M N Bhat, M A , L T is the principal of the college and Prof N S Jamadagni, M A , B T is the vice principal

MAHARASHTRA GIRLS' EDUCATION SOCIETY S COLLEGE FOR GIRLS
Huzur Paga, Poona 2

The college was started in June 1946 by the M G E Society, Poona which has been doing valuable work in the cause of women s education since 1884 The college is affiliated to the Bombay University up to the Intermediate Arts examination. The object of the society in starting this college is to give girl students sound liberal education which would ensure their full intellectual and cultural development and would enable them to play their part well in their future life

MAHILASHRAM HIGH SCHOOI
Hingne Budruk, Poona 4

This school was started in 1916 as the first feeder high school affiliated to the Indian Women s University Both the high school and the University were developed by the Hindu widows' home association at Hingne from 1916 The Mahilashram High School is now an ideal boarding school run on the fundamental ideal of the founder Dr D Karve There are nearly 300 girls in the high school, who are being prepared for the S S C examination of the University of Bombay A special tailoring class recognised by the Board of Technical Education, Government of Bombay, is conducted for the pupils

THE NATIONAL MODEL SCHOOL
4, Boat Club Road
Poona No 1
(Public School)

This school is the first institution opened by the National Educational Society, founded by men who from their long standing experience of teaching realize the need of more institutions run on Public School lines

The school prepares boys for Bombay Matric and the all India Military Academy competitive examination A fully equipped laboratory is provided for the senior boys while the juniors are specially coached in arts and crafts, hand-work, hygiene and physiology besides class work

NEW ENGLISH SCHOOL
Tilak Road, Poona 2

This institution was founded on the 1st of January 1880, by eminent persons like Vishnushastri Chipiunkar, Lokmanya Tilak, Namjoshi and Agarkar

From the munificent donation given by Sheth Motichand Shaha, a planetarium is to be set under the dome of the new school building The planetarium is intended to be open to the pupils as well as to the public The N C C , the vocational guidance centre, the scout movement, the poor boys' shop are some of the many salient features of the school The strength of the school, at present, is above 1,300

Superintendent —Prof P N Virkar, M A , B T , T D (Lond)

NOWROSJEE WADIA COLLEGE
Poona

This college is the first institution opened by the Modern Education Society, Poona, in 1932 for the purpose of imparting efficient all round education to the younger generation Mr Neville Wadia is the President of the society The college is affiliated to the University of Poona It is also a constituent college of the University The college is recognised for the teaching of the B A (General and Honours) and B Sc (General and Honours) courses and for the Teachers' Diploma course The society also conducts an Electrical Institute, *viz* , The Sir Cusrow Wadia Institute of Electrical Technology

STAFF

Principal —N G Suru, M A *Vice Principal* —P R Damle, M A LL B

PROGRESSIVE EDUCATION SOCIETY
Shivajinagar, Poona 5

The society was founded in 1934 with the object of making pupils in its institutions useful, efficient and cultured citizens and self-reliant and resourceful men and women The management, from the beginning, have set before themselves the aim, to break away from the tradition whereby memory is cultivated at the expense of reasoning and observation, and to encourage individual work

The society s institutions —

(1) The Modern High School was started in 1934
(2) The 'Prathamik Vidyamandir ' is a primary school
(3) The Sir Sassoon David Hostel
(4) The Girls' High School

QUEEN MARY S TECHNICAL SCHOOL FOR DISABLED INDIAN SOLDIERS
Park Road, Kirkee

Established 1917 Funds subscribed by ruling princes and wealthy donors Maintained by war funds *Founder* —The Countess of Willingdon *Patron* —The President of the Indian Republic *Vice Patrons* —Girja Shankar Bajpai, Governor of Bombay and Shrimati Bajpai *Superintendent* —Col B Basu, C B E , I M S (Retd) Training is free as is food, accommodation and clothing Allowance of Rs 12 p m in addition to pension Free railway warrants

SHIKSHANA PRASARAK MANDALI
Poona

The Mandali (Society) was founded in 1888 by a few enthusiastic vernacular trained teachers, in memory of the late Vishnushastri Chiplunkar, a great Marathi man of letters From this humble beginning the mandali has steadily developed into an important educational institution and is now conducting the following institutions

SIR PARASHURAMBHAU COLLEGE—Poona

RAMNARAIN RUIA COLLEGE—Bombay

RAMNIRANJAN ANANDILAL PODAR COLLEGE OF COMMERCE AND ECONOMICS—Bombay

TILAK COLLEGE OF EDUCATION—Poona

NUTAN MARATHI VIDYALAYA HIGH SCHOOL—Poona

HARIBHAI DEOKARAN HIGH SCHOOL—Sholapur

NUTAN MARATHI VIDYALAYA PRIMARY SCHOOL—Poona

SCHOOL OF RADIO PHYSICS AND ELECTRONICS—Poona

SHRI SHIVAJI PREPARATORY MILITARY SCHOOL
Poona
(Poona Public School)

The All India Shri Shivaji Memorial Committee under the presidency of the Maharaja of Kolhapur started this school in memory of the great Maratha hero Shivaji the Great and of the Maratha soldiers who gave their lives during the great war The school was founded in June 1932 and the opening ceremony was performed on September 20th, 1933 by His Excellency Sir Frederick Sykes, the then Governor of Bombay At present the President is the Maharaja of Indore

The School is conducted on non-denominational lines and is open to Indian boys of all castes and creeds There are special facilities for admission to Montessori class from three years and a full primary school for four standards Boys are prepared for the Secondary School Certificate examination of the Government of Bombay and the examination for admission to the Joint Services Wing of the National Defence Academy They are admitted from the age of six and there are special dormitory arrangements for smaller boys under the supervision of a matron Day boys are also admitted

The school has extensive playing fields comprising 25 acres including five acres covering agricultural and vegetable farming There are two riding schools, hockey, football and cricket grounds, a bathing pool three squash racket courts two tennis courts and a *miniature rifle range*

The school building is well designed and the dormitories are particularly cool and spacious The present strength of the school is 273

Principal M V Gujar

TILAK COLLEGE OF EDUCATION
Poona

This college prepares students for the B T and M Ed examinations of the Poona University It was started in June 1941, by the Shikshan Prasarak Mandali, Poona with a view to meeting the keenly felt need of trained teachers in our secondary schools In addition the college has recently started a class for the education of deaf children and a training class for teachers of the deaf It was named after the great leader in recognition both of the Mandali's debt to him and of his own remarkable contribution to the cause of education The college aims to inculcate in its alumni that wide educational outlook which characterised the late Mr Tilak

TRAINING COLLEGE FOR MEN
Poona

Founded in 1851 as a normal class this institution developed into a full fledged Training College for Men Poona in 1856 It is the first and premier institution in Bombay State meant for the training of primary teachers The course extends over two years There is a big hostel to accommodate almost all pupil teachers It is managed by the principal with the help of the hostel superintendent

LITERARY, SCIENTIFIC AND OTHER INSTITUTIONS

BHANDARKAR ORIENTAL RESEARCH INSTITUTE
Poona 4

The Institute was inaugurated on the 6th of July 1917, the 80th birthday of Late Dr Sir R G Bhandarkar Its objects are to publish critical editions of texts and original works bearing on Oriental antiquities to provide an up to date Oriental library, to train students in the methods of research and to act as an information bureau on all points connected with Oriental studies The valuable library of Dr Sir R G Bhandarkar which he had bequeathed to the Institute is now located in the central hall of the Institute Since April 1918 the Government of Bombay have transferred to the custody of the Institute the unique collection of nearly 20 000 manuscripts together with a maintenance grant of Rs 3 000 a year Government have likewise entrusted to the Institute a grant of Rs 12,000 a year for the publication of the B S S and the Government Oriental Series (the latter including amongst others, Dr Kane's History of Dharmashastra in five Volumes) The Institute has also started a series called the Bhandarkar Oriental Series in which several works have been already published and others are in progress The Institute has undertaken to edit Mahabharata critically at the initiation of the late Raja of Aundh who donated a grant of Rs one lakh for that purpose The Institute has also received so far about Rs 33 61 from the trustees of the Mahabharata publication fund London earmarked for the publication of the Virata Udyoga and Karna parvans More than two thirds of the work on the critical edition has been completed On 25th March 1941 the Institute inaugurated its Mahabharata printing department with a view to expediting the printing of the Mahabharata edition The institute issues a journal called *Annals* of the Bhandarkar Oriental Research Institute published normally four times a year It also held under its auspices the first oriental conference on the 5th 6th and 7th of November 1919 under the patronage of Sir George Lloyd and the presidency of Sir R G Bhandarkar

The Institute is housed in a fine, commodious and fire proof building In 1931, the Nizam gave a princely donation of over Rs 40 000 which has enabled the Institute to build a Guest House for the use of Indian, Asiatic European and American scholars visiting the Institute for occasional studies Since August 1927 the Institute had been conducting for several years regular M A Classes in Sanskrit Pali Ardhamagadhi and ancient Indian culture Recently the Sanskrit department of this institute has been affiliated to the University of Poona and students are being coached for the M A and Ph D degrees of the above mentioned University Lectures by eminent Scholars are also delivered occasionally Membership dues Rs 10 a year or Rs 100 compounded for life Members can subject to certain conditions, borrow books from the library and get the *Annals* free and other publications (a list covering over 120 titles sent free upon request) at concession rates

DECCAN COLLEGE POST-GRADUATE AND RESEARCH INSTITUTE
Yeravda, Poona 6

The Deccan College, Poona, which was closed in 1934 was revived as a post-graduate and research institute by the Govt of Bombay by creating in 1938, the Deccan College Poona Trust, of which the present trustees are The Vice Chancellor of the University of Poona the Director of Education and Sir Jamsetji Jeejeebhoy, Bart as ex Officio Trustees and two others, *viz*, Prof R P Patwardhan, M A, Poona, and S B Dhavale, B A (Cantab), I C S (Retd), Poona

The management of the institute is vested in a council of management consisting of three ex Officio members and nine others nominated by Government

Council of Management —The Rt Hon'ble Dr M R Jayakar, P C, D C L, L L D, M A, Chairman Vice Chancellor, Poona University, D C Pawate, M A, Director of Education, Dr S M Katre, M A, Ph D, Director of the Institute, Prof D R Gadgil, M A, M Litt, Ashfaque Husain M A (Oxon), Dr P V Kane, M A, L L M, D Litt, Prof D D Kapadia, M A, I E S (Retd), Sir Rustom Masani, M A, Dr S C Nandimath, M A, Ph D, Prof R P Patwardhan, M A, I E S (Retd), Prof H D Velankar, M A and Dr S K Belvalkar, M A, Ph D

The Institute conducts post graduate research in Linguistics and History having in all eight chairs in these two subjects, *viz*, 1 Indo European Philology 2 Dravidian Philology, 3 Semitic Languages and Literature 4 Sanskrit Literature (especially Vedic), 5 Proto and Ancient Indian History, 6 Mediæval Indian History, 7 Maratha History and 8 Sociology In the department of Linguistics, editorial work of the Dictionary of Sanskrit on Historical Principles is being carried out and the Phonetics Laboratory attached to the Institute is the only one of its kind in India, doing scientific and analytical work in Experimental Phonetics In the department of History Prehistoric Archaeology Caste Surveys and Anthropometric work are some of the principal features

This Institute is a constituent recognised Institute of the University of Poona The post of a University Lecturer in Sociology has been attached to the Institute since January 1950

The Institute publishes its researches in its Bulletin issued about four times a year and in the Monograph Dissertation and Handbook series from time to time

STAFF

Director —Dr S M Katre, M A, Ph D (London), *Professor* —Dr H D Sankalia, M A, L L B, Ph D (London) *Readers* —C R Sankaran, M A, Dr M A Mehendale, M A, Ph D, T S Shejwalkar B A, Dr (Mrs) I Karve, M A, Ph D (Berlin), *Registrar* —Dr R G Harshe, B A, D Litt (Paris), *Curator of the Historical Museum* — I T Saswadkar M A *Librarian* —V B Bolsure, B A, Dip Lib

LORD REAY MAHARASHTRA INDUSTRIAL MUSEUM
Founded 1890 Revived 1930

Poona

INCORPORATED BY BOMBAY ACT XXXII OF 1947

FUNCTIONS FEATURES AND ACTIVITIES

MUSEUM EDUCATION ASSOCIATION This brings schools into closer association with Museum Displays and Museum subjects

MUSEUM GOES TO SCHOOL Show cases containing displays are sent out to schools to reach the school boy

TECHNICAL AND INDUSTRIAL LIBRARY This has, on regular file, 300 periodicals It is recognised by Government of India, as an inspection centre for Patent literature It has over 30,000 specifications

PATENTS AND INVENTIONS It is planned to have a Museum of Patents and Inventions

EMPORIUM This is the Industrial and Commercial Division of the Museum established for the propagation of the well known Arts and Crafts and the Cottage Industry of the Country As a further extension, an Exhibition of Trade Samples has been organized

POONA INDUSTRIAL EXHIBITION, POONA The ruling policy and governing principles associated with this activity are (*a*) Swadeshi, (*b*) Industry and (*c*) Education

MUSEUM OF WELL KNOWN ARTS AND CRAFTS OF INDIA This is an important section to which the Museum has been devoting all care and attention

MUSEUM OF AGRICULTURE AND FORESTRY This has been recognised by Government for a special grant in aid Classes in agriculture for the students in standard IX were conducted with a view to ascertaining their aptitude for agriculture and the experiment was a success

SPECIAL EXHIBITIONS Two Exhibitions on Patents and Inventions were organised and the Exhibition School Boy and His Tools, had been organised One more has been planned for Trade Samples and A Lesson from the Festival of Britain 1951 is in view

PUBLICATIONS DIVISION The Museum brings out several useful booklets about the various displays and allied subjects

TOURS AND EXCURSIONS For encompassing wider vistas and for strengthening and reinforcing the knowledge of the school boy, Tours and Excursions are arranged

LECTURE SERIES This programme proceeds and goes on throughout the year

THE MUSEUM EDUCATION SCHOOL The Museum has started a school for primary teachers, who are taught to see and show

GRANTS Grants from the Government of Bombay round about Rs 20,000 and from Poona Municipal Corporation about Rs 10 000

LOCAL SPIRITUAL ASSEMBLY OF THE BAHA IS OF POONA

P O Box No 8, National Hotel, Opp Railway Station, Poona

Administering the religious affairs of 94 local Baha is centres in India, Pakistan & Burma

Objects To establish universal peace and the oneness of mankind, in co operation with fellow Baha'is in 100 other countries through the spiritual principles of the world religion proclaimed by Baha u llah in 1863

POONA UNIVERSITY EMPLOYMENT BUREAU

Ganeshkhind Poona 7

The University of Poona conducts an efficient Employment Exchange for its graduates and undergraduates free of charge Young men of high calibre and academic attainments are available for service in all branches of commerce, industry and Government work Prospective employers are specially requested to send in their requirements to the Secretary

Chairman The Right Honourable Dr M R Jayakar, P O, M A, D C L, I L D

CENTRAL HOSPITAL FOR MENTAL DISEASES

Yeravda, Poona 6

Dr I K Mujawar, M B B S, B M S, Class I *Superintendent* (Res Tel 2514) Dr N B Bhide, M B B S, B M S *Deputy Superintendent* The institution admits patients suffering from mental diseases The authorised accommodation is 1 247 The Hospital can be reached by bus or tonga from the Railway Station Telephone No 2515

BENEVOLENT INSTITUTIONS

HINGNE STREE-SHIKSHAN SAMSTHA

Hingne Budruk Poona 4

Founded 1896 by Dr Dhondo Keshav Karve for social and educational work

Branches

Hingne Centre —Mahilashram High School

Parvatibai Training College for Women

Anandibai Karve Primary School with a branch at Kothrud Village

Four hostels for pupils belonging to all castes and creeds rich and poor

Poona Nursery School
Nursery Training Institution

Satara High School for Girls
Wai High School for Girls
Annual Expenditure Rs 2,95,903
Deficit of about Rs 22,557 to be met from contributions

POONA ANATH VIDYARTHI GRIHA

624, Sadashiv, Poona 2 and Panchvati, Nasik

The Society was founded in 1909, and registered in 1939 Its object is to provide for the education of poor students and carry on other philanthropic and charitable work of a similar nature It conducts free boardings, a free high school (Poona), free reading rooms, a tuberculous sanatorium (Nasik) and some industrial concerns including the Loksangraha Press (Poona) This institution is in need of help and support from the general public About 400 poor students receive free education

INDIAN INSTITUTE OF SOCIAL ORDER

4, Boat Club Road, Poona 1

Aims and Objects —To spread the social teachings of the Catholic Church, to provide theoretical and practical training for social workers, to serve as a centre of information about Catholic social works

Director, Rev J D'Souza

NAGARIK SANGHATANA SAMITI

C/o Congress Bhawan Poona 5

This is a social welfare organization

President —Mrs Motibai Irani

Vice President —Mrs N D S Captain

Hon Secretaries —Dr (Mrs) Krishna Bai Nimbkar N D Abhyankar

POONA SEVA SADAN SOCIETY

789 790, Sadashiv Peth, Poona City

This Institution was started in October 1909 by the late Mrs Ramabai Ranade, the late Mr G K Devadhar and a few other ladies and gentlemen in Poona It started work with two literary classes for only a few women

Its principal objects are —(1) to impart to women instruction of a religious, literary, scientific, medical and industrial character and (2) to widen the range of their knowledge by various agencies and to make them self reliant The Society has a hostel in Poona accommodating nearly 125 women There are 8 different departments The total number of women on the rolls at the various centres of the society is about 3,000 The Society has conducted in the past the maternity homes, and infant welfare centres at places like Alibag, Sholapur, Ahmednagar, Nasik, Baramati, Bombay and Gwalior also The Institution is largely dependent upon public funds It has branches at Poona Sholapur and Nagpur

POONA SCHOOL & HOME FOR THE BLIND

14, Koregaon Park, Poona

The Poona School and Home for the Blind was started in 1935 under the auspices of the Blind Relief Association Bombay There are fifty blind boys who are given free boarding and lodging education in Braille and handicrafts and in music vocal and instrumental There is also a small eye-clinic It is situated at Koregaon Park in its own building constructed at a cost of Rs 2½ lakhs *Hon Secretary*—Dr S R Machave, L C P S

SASSOON HOSPITALS

Poona

Founded in 1867 the hospitals comprise General, Special and Outpatient Departments and have 405 beds Building now in progress will increase the accommodation to 805 beds

Persons whose income is below Rs 45/ p m are treated free Special wards and a Nursing Home cater for the well to do The Byramjee Jeejeebhoy Medical College affiliated to Poona University admits 80 students annually The clinical studies are taken at the Sassoon Hospitals where Honorary staff conduct clinical teaching

SERVANTS OF INDIA SOCIETY POONA 4

The Servants of India Society, founded by the late G K Gokhale in 1905, is a body of men who are pledged to devote their life to the service of the country on such allowances as the Society may be able to give Its objects are to train national missionaries for the service of India and to promote by all constitutional means, the interests of the Indian people Its present strength is 23 members The Society has its headquarters in Poona with branches at Madras Bombay Allahabad and Nagpur, and other centres of work at Mangalore and Calicut in the Madras State Shendurjana in Madhya Pradesh Lucknow and Kotdwara in U P, Ambala in the Punjab (India), Cuttack and Raigada in Orissa

The Society's work is primarily political but as it believes in allround progress of the Indian people it has always laid equal emphasis on social, economic, educational, labour and depressed class activities and has worked in these fields The political work is done through the legislatures, the non official political organizations, deputations to foreign countries and propaganda

In the field of social, economic and educational work, the Society's activities are equally varied Some of its members are practically the founders of such institutions as the Poona Seva Sadan, Bombay and Madras Social Service Leagues the U P Seva Samiti, and the Bhil Seva Mandal catering for the needs and uplift of the aboriginal tribes in Gujarat The Society is also doing tribal welfare work in the Mirzapur Dist (U P), Orissa and in Malabar on a considerable scale During natural calamities such as floods famine and epidemics the Society has done relief work in every part of India During recent years several members of the Society have paid special attention to rural reconstruction including rural education

The Society is a non-communal, non sectarian body which does not recognise any caste distinctions

The Society conducts the *Hitawad*, an English daily issued from Nagpur It has also published several pamphlets on public questions

Dr H N Kunzru is the President, and D V Ambekar the Secretary

ASSOCIATIONS

ALL INDIA WOMEN'S CONFERENCE

Honorary General Secretary's Office 759,31, Deccan Gymkhana, Poona 4

Aims & Objects —To work for a society based on the principles of social justice personal integrity and equal rights and opportunities for all, to work actively for the general progress and welfare of women and children

Office Bearers —*President*, Smt Renuka Ray, *Vice Presidents* Smt Lakshmi Menon, Smt Mithan J Lam Smt Kameshwaramma Kuppuswamy, Her Highness Maharani Sau Indirabai Holkar, Smt Raksha Saran Smt Kitty Shiva Rao *Honorary General Secretary* Smt Indira Maydeo *Honorary General Treasurer* Smt M S H Jhabwala

BHARATA ITIHASA SAMSHODHAKA MANDALA, POONA

312 13, Sadashiv Peth, Poona City

Founded in 1910 by the late Mr V K Rajwade and Sardar K G Mehendale and registered under Act XXI of 1860 in 1910 with the object of collecting and conserving historical materials erecting suitable buildings for preserving and exhibiting them, publishing such materials and other works of historical research and generally to encourage and foster critical study of and research in Indian history Possesses the best collection of Persian and Marathi historical papers owned by any private society Has a rare collection of about a thousand Indian paintings now housed in a special wing, maintains a coin cabinet and an armoury of old weapons Has a section for copper plates, sculpture and archæology and has a library of general, historical and rare books Holds fortnightly and annual meetings where notes and papers based on original documents are presented, discussed and afterwards published The Poona City Research Section of the Mandala does research work in the city and publishes findings Has published several volumes of original historical letters and other historical and literary books whose total number exceeds 90 Conducts a quarterly journal devoted to research Has done some excavation at Karad and got findings of the Second Century A D Work done mostly in Marathi Celebrated the Silver Jubilee by calling the first All India Modern History Congress in 1935 Has been receiving some grant in aid from the Government of Bombay and Central Government Was supported by many Rajas, Jahagirdars, Sardars and the public The late Dr J E Abbot of New Jersey, U S A, left by will a gift of 30,000 dollars to the Mandala for buildings Annual membership fees for various classes are Rs 3 6, 12 25, 125 and 300 which can be compounded for life by paying ten times the annual subscription for a particular class in a single year Effective members over 1 000 Annual income averages between 6 and 8 thousand rupees

President Malojirao Naik Nimbalkar (Minister of Public Works and Industries), *Vice Presidents* The Raja Saheb of Bhor, C G Agashe and Sardar G B Patwardhan, *Chairman* Prof D V Potdar, B A, *Secretaries* C G Karve, B A, Prof R V Oturdkar M A, V S Chitale, M A, B T, T D, *Treasurer* D K Sathe, B Sc B A

MAHRATTA CHAMBER OF COMMERCE AND INDUSTRIES

Mahratta Chamber of Commerce and Industries —The Mahratta Chamber of Commerce and Industries is an institutional organisation representing the economic, commercial and industrial interests of Maharashtra

Members, Funds and Properties —The Chamber was established in 1934 Shreemant Sir Malojirao Naik Nimbalkar, Minister In-Charge of Public Works, Bombay Government, and 40 other leading industrialists, businessmen firms and Joint Stock Companies are among its patrons The Chamber conducts a Marathi Commercial Monthly named the '*Sampada*" for the benefit of its members and others

Object and Activities —Its principal object is to work for the commercial and industrial development of Maharashtra as an integral part of India through local initiative and effort, and to infuse confidence in the people of the area in the management of economic and financial institutions on modern lines Among the more noteworthy achievements of the Chambers can be mentioned the promotion of the Bank of Maharashtra a leading Maharashtrian Joint Stock Bank conducted and managed by Maharashtrians, the encouragement of local enterprise in the field of general insurance business successful advocacy for grant of post-war protection to cocoa powder and cocoa chocolate and hurricane lantern industries and protect the power loom industry

Every year this Chamber awards the G S Parkhe Industrial Merit Prizes and organises the G P Ogale Memorial Lecture on economic subjects and also awards to a student of the Brihan Maharashtra College of Commerce the B. S Kamat Memorial Prize

Government Recognition and Representations on Various Bodies —The Chamber has received the recognition of the Central as well as the Bombay State Governments It is represented on the Board of Trustees of the Lord Reay Maharashtra Industrial Museum, Poona, the Advisory Committee of the Sub Regional Employment Exchange, Poona Area the Zonal Railway Users' Consultative Committee of the Southern Railway, the Telephone Advisory Committee, Poona, Bombay Board of Communication, Bombay State, the Regional Post and Telegraph Advisory Committee, Bombay Circle, State Advisory Council of Industries, Bombay, Goods Shed Advisory Committee, Poona It is one of the two Chambers named for electing two representatives on behalf of trade industry and commerce on the Court of the Poona University

POONA PRESS OWNERS' ASSOCIATION LTD

714 Budhwar, Poona 2

Established in 1918 This association works for the betterment of printing and allied industries Present membership is eighty-four It conducts a Marathi monthly '*Mudran Prakash* which discusses problems relating to the industry and maintains a printers' library It also conducts for the members Mudran Sahitya Bhandar —a shop of printers' requisites *Office bearers* D D Gangal (*President*) S K Padhye and H M Gadre (*Secretaries*)

MAHARASHTREEYA MANDAL

Tilak Road, Poona 2

(PHYSICAL CULTURE INSTITUTE)

Aims and Objects —The aims and objects of the institution are to promote and spread physical education, imbibe an all-round sense of physical culture, cultivate sportsmanship and in general provide facilities to the younger generation for all kinds of athletic activities individually and collectively for all classes irrespective of caste, colour & creed

Fees & Memberships—Patron (Rs 1 000), Life member (Rs 500), Benefactors (Rs 250), Permanent Member (Rs 101)

CLUBS

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6, Bund Garden Road, Poona

GAMES & AMENITIES —Tennis, Golf, Hockey Badminton Billiards, Cricket, Swimming, Squash Dancing, Amateur Dramatics, Bridge, etc

MEMBERSHIP —(i) European and Indian gentlemen are eligible for Membership (ii) All elections are subject to Ballot by the Committee

ENTRANCE FEES —Permanent Members Rs 300, Temporary Members Rs 360

SUBSCRIPTIONS Permanent Members, Rs 20 per mensem, Temporary Members, Rs 20 per mensem, Visiting Members, Rs 2 8 per day

President —N M Kamte, M B E, I P

Vice President —B B Paymaster

Honorary Treasurer —D K Irani

Honorary Gen Secretary —T T Kothavala

POONA KENNEL CLUB

Poona.

(Registered under K C I Regulations)

The Objects of the Club are to try —

(a) to encourage and promote the welfare of " Man's best friend "

(b) to encourage the keeping, breeding, and importation of all varieties of pedigree dogs.

(c) to encourage owners, breeders, and exhibitors by holding local Championship Shows and offering prizes for competition

(d) to encourage individual exhibitors to specialise as judges in their respective breeds

(e) to take any other necessary and practical steps which will protect and advance the interests of dogs in India

Particulars of membership, etc., from the Hon. Secretary

DIOCESE OF POONA (Catholic Church)

His Excellency the Right Rev Andrew D'Souza, D D, Bishop of Poona

Episcopal Curia Rt Rev P Geisel, S J, V G, *Superior Regular*

POONA

Cathedral of St Patrick —V Rev R Gonsalves, V F, *Parish Priest*

St Xavier's and St Anne's —Rev G Baader, S J, *Parish Priest*, Rev J B Haas, S J

St Vincent's High School —Rev A Rehm, S J, *Principal*

De Nobili College Theological College for Jesuits Rev G Conget, S J, *Rector*

St. Joseph's Convent —In charge of the Religious Congregation of Jesus and Mary Mother Mary Blandine, *Lady Superior*

PURANDHAR

Chapel of the Sacred Heart —Served from St Xaviers, Poona

SATARA

Chapel of Our Lady Served from Bishop's House, Poona

DHOND

Church of St Sebastian —Rev J Kastner

KIRKEE

Church of St Ignatius —Rev P J Gonsalves, *Parish Priest*, Rev E Fonseca and Rev Joseph Rodrigues, *Asstts*

Convent of St Joseph —In charge of the Nuns of Our Lady of Mount Carmel, Rev Mother Mary Emmanuel, *Lady Superior*

LONAVLA

Church of St Joseph — Rev G D'Souza

IGATPURI

Church of the Sacred Heart —Rev J T Meyer, S J, *Parish Priest*

Convent of St Joseph —In charge of the Daughters of the Cross, Rev Sr Mary Bertha, *Lady Superior*

DEOLALI CAMP

Chapel of St Patrick —Rev K O Carter, *Vicar*

NASIK

Chapel of the Holy Cross —Served from Nasik Road

NASIK ROAD

Chapel of St Anne —Rev F Benz, S J, *Vicar*

Convent of St Philomena —In charge of the Sisters of St Francis of Assisi, Sr Maria Fausta, *Lady Superior*

MANMAD

Church of St Francis Xavier —V Rev P D'Cruz, V F, *Parish Priest*

DHULIA

Church of St Anne —Served from Manmad

BHUSAWAL

Church of the Sacred Heart —Rev F. Soares, *Parish Priest*

Convent of Our Lady of Fatima —In charge of the Nuns of Mount Carmel, Rev Mother Mary Alexis, *Lady Superior*

JALGAON, AMALNER, NANDURBAR —Served from Bhusawal

AHMEDNAGAR

Church of St. John —V Rev J Stark, S.J, V F, *Parish Priest*, Rev Joseph Gunter, S J, *Asstt*

Church of St Anne —Served from St John

Convent of the Sacred Heart.—In charge of the Nuns of Mount Carmel, Rev Mother Mary Jacob, *Lady Superior*

KENDAL (Ahmednagar District)

Church of St Joseph —Rev E Sturm, S.J, Rev F Van Malderen, *Asstt*

Weaving School —Rev M Demmler, S J

VALAN (Ahmednagar District)

Church of the Sacred Heart.—Served from Kendal.

HARIGAON (Ahmednagar District)

Chapel of St Teresa —Rev J Haldner, S J

RAHATA (Ahmednagar District)

Church of St Francis Xavier —Rev I Meyer, S J

SANGAMNER (Ahmednagar District)

Church of the Immaculate Conception —Rev J Felix, S J

Convent of St Anne —In charge of the Ursulines, Rev Sr Nicolas J Thiel, *Lady Superior*

Dnyanamata High School —Rev J Thiec, S J *Superior*

SONGAON (Ahmednagar District)

Church of the Sacred Heart —Rev R Wasserer, S J

SHOLAPUR

Church of the Immaculate Conception —Rev I Betgeri, *Parish Priest*

Convent of the Little Flower —In charge of the Nuns of Mount Carmel Rev Mother Mary Anacleta, *Lady Superior*

HOTGI —Visited from Sholapur

PANDHARPUR AND KURDUWADI —Visited from Miraj

PANCHGANI

Church of St Joseph — Rev M Riklin S J, *Vicar*

Convent of St Joseph —In charge of the Daughters of the Cross, Rev Sr Mary Cecilia, F C, *Lady Superior*

MIRAJ

Church of Our Lady of the Rosary —Rev P Alanjo, *Vicar*, Rev F X Layton, *Asstt*

KOLHAPUR

Church of St Francis Xavier —Served from Miraj

ALNAVAR (Dharwar)

Church of St Anne —Rev J Menezes, *Parish Priest*

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DHARWAR

Church of the Holy Cross — Rev P Carneiro *Vicar* P Soares, *Asstt*

Convent, S B —Sr M Regula, *Lady Superior*

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Church of Our Lady of the Rosary —Rev N D'Souza, *Vicar*

HUBLI

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St Mary's High School —Rev D Lobo, T D, *Principal*

Convent of the Sacred Heart —In charge of the Daughters of the Cross, Sr Martha Magdelen, F C, *Lady Superior*

GADAG

Church of St Ignatius —Rev Owen McLaughlin, O F M, *Vicar*

ASSANGI

Served from Guledgudd

GULEDGUDD

Church of the Immaculate Conception —Rev E Mascarenhas, *Vicar*

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BIJAPUR

Chapel —Served from Guledgudd

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Karandikar Rajhansa & Co, 87, Mahatma Gandhi Road Poona 1 Stationers and Printers

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Jaffer Jessuff, Furnisher and House Agent, East Street, Poona

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Poona Commercial Corporation, 379, Raviwar Peth, Poona 2

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Surajmal K Sanghvi & Co, 384 Vetal Peth, Poona 2

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ARTHA	Do	Do
BHARAT	Daily	Do
BHARATIYA PRAVASI'	Fortnightly	Do
CHHAYA	Weekly	Do
CHITRAMAYA JAGAT	Monthly	Do
CHITRAMAYA JAGAT	Do	Gujarati
COMMONWEAL"	Weekly	English
DALIT BANDHU	Do	Marathi
DEVARSHI PRAKASH	Quarterly	Do
DINBANDHU	Weekly	Anglo Marathi
DNYAN PRAKASH	Daily	Marathi
DNYANODAYA	Weekly	English
EASTERN TIDINGS'	Fortnightly	Do
GOVARDHAN'	Monthly	Marathi
GRAMRAJYA'	Do	Do
INDIAN ARMY ORDNANCE CORPS GAZETTE'	Do	English
JAIN JYOTI	Monthly	Marathi
JANASATTA'	Weekly	Do
'JANAVANI	Do	Do
'KAL	Daily	Do
KAMGARSHAKTI"	Weekly	Do
LOKARAJYA"	Daily	Marathi
'LOKASHAKTI'	Do	Do
MAHATMA'	Monthly	Do
MANVANTAR	Daily	Marathi
MARATHI DUYANODAYA'	Weekly	Do
'MAZDUR'	Do	Do
'NALVAZHI (GOOD WAY)'	Monthly	Tamil
"NASIM E SAHER'	Do	Gujarati
PRABHAT	Daily & Weekly	Marathi
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SAKAL'	Daily	Marathi
"SAMACHAR"	Do	Do

SAMPADA, 587-9, Shukrawar Peth, Tilak Road, Poona 2 An influential Commercial Marathi Monthly conducted by the Mahratta Chamber of Commerce and Industries, Poona 2

SANGHATITA MAHARASHTRA'	Monthly	Marathi
SARASWAT JIVAN	Do	Gujarati
"SUNDAY SAKAL'	Weekly	Marathi
'TARUN MAHARASHTRA	Do	Do
'UNNATI	Do	Hindi
"VYAPARI MAHARASHTRA'	Fortnightly	Marathi
WAR CRY	Monthly	English
'YUGANTAR	Weekly	Marathi
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PAINTS, ENAMELS & VARNISHES

Flashlight Paints Ltd, Office 278, Narayan, Poona 2
Shabad Stone Co, 1723, Shukrawar Peth, Poona

PHOTOGRAPHERS & PHOTOGRAPHIC MATERIALS DEALERS

Bhat's Photo Stores and Studios, Laxmi Road, Poona 2
Dikshit s Photo Studio, Tilak Road Poona 2

PHOTOGRAPHIC MATERIALS IMPORTERS AND DEALERS

T KRISHNA & CO , Dealers in Photographic Materials, 240, Main Street, Poona 1 City Branch : 88, Laxmi Road, Poona 2

PRESENTATION ARTICLES

Nagindas Dayabhai & Co , 275 76, Main Street Poona 1

PROVISION MERCHANTS

DORABJEE & CO , Moledina Road, Poona 1

RUBBER GOODS MANUFACTURERS

SWASTIK RUBBER PRODUCTS LTD , Kirkee, Poona 3 Cables "SWASTIRUB" Speciality in Rubber Toys, Rubber Thread and Motor Parts

SEED MERCHANTS

Pestonjee P Pocha & Sons, Seed Merchants, P O Box 55, 8, Napier Road, Poona 1

TAILORS & OUTFITTERS

The Vijay Tailoring & Cutting College, Budhwar Chowk, Poona 2

RATNAGIRI DISTRICT

Headquarters Ratnagiri

Talukas Dapoli, Mandangad, Khed, Chiplun, Guhagar, Sangameshwar, Ratnagiri, Rajapur, Devgad, Sawantwadi, Malwan

Petas Lanja, Vengurla, Kankavli, Kudal

Ratnagiri District is bounded on the north by the Kolaba District, on the east by Satara North and Kolhapur Districts, on the south by the Portuguese possessions of Goa, and on the west by the Arabian Sea By the merger of the Sawantwadi State the area and population of the District have greatly increased The length of the District is about 280 miles, and the breadth between 30 and 40 The District may be described generally as rocky and rugged Near the coast the land consists of a bare elevated plateau, intersected by numerous creeks and navigable rivers flowing between steep hills These rivers have along their banks the chief sea ports and almost all the fertile land of the District Ten miles or so inland, the country becomes more open, but going in still farther, it is occupied by spurs of the Sahyadri hills This range itself forms a continuous eastern boundary, running parallel to the coast, at distances varying from 30 to 45 miles It varies in height from 2 000 to 3 000 feet, though some of the peaks attain an altitude of 4,000 feet The banks of the rivers produce fine crops of rice in the rains, and of pulse in the cold weather and some of the inland valleys exhibit the utmost fertility even though the soil is, as a rule, poor and barren The District is densely populated and a large proportion migrate to Bombay in the fair season The hill slopes are flooded with plantation of Alphonso and other mango grafts Alphonso mango, the king of fruits, is exported on a very large scale to Bombay and other markets and forms the main money crop of the District Ratnagiri, the headquarters town, is open and faces the sea There is no railway connection and communication is by steamer with Bombay and by motor with Kolhapur 82 miles away With the construction of the Bombay Konkan Goa road by bridging all the rivers and creeks on the way, Ratnagiri is connected with Bombay by direct bus service *via* Chiplun Mahad, Dharamtar, etc This transport service is now taken over by the State The area of the District is 5020 9 sq miles The population of the District (according to the 1951 census) is 1,711,964

The long coastline of the District has some excellent well-protected ports, which may form important naval centres in the future Schemes for establishing a naval school and an aerodrome at Ratnagiri are already under consideration

Ratnagiri, Vengurla, Malwan, Sawantwadi and Chiplun have now all electrical fittings

OFFICIALS

Collector and District Magistrate, S B Kazi, I A S
District Agricultural Officer, G V Wazalwar, B Ag
Assistant Registrar, Co-operative Societies, A R Sonawane, B A , LL B
District Co-operative Officer, V B Mudkavi, B A , LL B , G D C
District Officer for Industrial Co operative and Village Industries, V A Chavan, B.A , L M E
District Engineer, R C Dhruva, B E
District Medical Officer, S M. Dave, B M S
District Sales Tax Officer, G G Nirgudkar
District and Sessions Judge, V G Wagle, LL M
District Superintendent of Police, N R Bidi
Income-tax Officer, M R Mankar
Inspector of Schools, G J Gunjikar, B A , B T
Asst Collector of Central Excise, K D Mudbhatkal, M Sc
Supdt of Prohibition and Excise, R L Tawade
Supdt of Post Offices, M R. Shirali
Backward Class Welfare Officer, S V Gaikwad, B A
Porject Officer, Mandangad and Dapoli, A D Vichare, B A , LL B
Special Khoti Abolition Deputy Collector, J V Parulekar, B A
Supdt of Fisheries (Coasts), V P Kale, M Sc
Supdt , Land Records, V H Sangam
District Inspector, Land Records, J B Patil
Assistant Engineer (E & M), Electric Grid Sub Division, B V Kelkar, B Sc (Engineering)

EDUCATIONAL INSTITUTIONS

R P Gogate College, Ratnagiri *Principal*, Y D Bhave, M A , B T
Training College for Men, Ratnagiri (Govt) *Principal*, D R Abhyankar, B A , B T
Training College for Men, Mitnbaon (Non Govt) *Principal*, R N Peredesai, B A , B T
Training College for Women, Malwan (Non Govt) *Principal*, V A Angchekar, B A , B T

MAHILA SHIVAN KALA MANDIR—MALWAN —The institution was founded in October 1942 by Mrs Sitabai Mayekar to impart Industrial Education—including tailoring, art, fancy work, embroidery and drawing

The institution has been recognised by Government educational and industrial departments, District Local Board, Rural Development Board and Malwan Municipality for purposes of grant

The Institution is controlled by a board of advisers consisting of well known citizens of Malwan

Mrs Sitabai Vasantrao Mayekar has been Lady Superintendent from its inception

The Board of Advisers Dr S S Kudalker, M B B S , Dr S B Manjreker, L C P & S , V D Apte, B A LL B , Advocate, Mrs Sushila P Pai (Inamdar), Mrs Sitabai V Mayeker, F G T C (Bom), R B Pedneker, S V Phatak, B A , S T C , Mrs Shantabai Saple

Govt School of Industry, Ratnagiri *Supdt* -B K Tilak

NEWSPAPERS & PERIODICALS

"AGHADI"—Weekly—Marathi
AICCUAL" – Weekly—Marathi
"BALSANMITRA"—Fortnightly—Marathi
"BALVANT"—Weekly—Marathi
"CHANDRODAYA"—Weekly—Marathi
'JANYOUG"—Weekly—Marathi
"KIRAT"—Weekly—Marathi
"LOKASEWA"—Weekly—Marathi
'PRAKASH"—Weekly—Marathi
"RATNAKAR"—Weekly—Marathi
"SAMAJSATTA"—Weekly—Marathi
"SATYASHODHAK"—Weekly—Marathi
'SEWAK."—Weekly—Marathi
"SATYAPRAKASH"—Weekly—Marathi
"VAINAITEYA"—Weekly—Marathi

TRADES & PROFESSIONS

Narayan Balshet Gandhi —Ratnagiri
The Hari Narayan Rice, Flour and Oil Mills —Ratnagiri,
R. B. Shirke Brothers,—Opp. Collectorate, Ratnagiri.

SABARKANTHA DISTRICT

Headquarters Himatnagar

Talukas or Mahals Himatnagar, Prantij, Modasa, Bayad, Idar, Khedbrahma, Bhiloda, Meghraj, Vijaynagar, Malpur

The Sabarkantha District is comprised of the former Idar State and 26 other smaller States, together with Prantij Taluka and Modasa Mahal, formerly in Ahmedabad District It is bounded on the north by Sirohi and Mewar States (both in Rajasthan), on the south by Ahmedabad and Kaira Districts, on the east by Dungarpur, Banswara and Mewar States of Rajasthan and Junawada and Balasinor States, now merged with the Panch Mahals and Kaira Districts, and on the west by the new Mehsana District of the former Baroda and Danta States

The Aravalli Hills border on the north and east The chief rivers in the District are Sabarmati, Hathmati, Meshwa, Vartak, Mazum and Khari

The area of Sabarkantha is about 2,845 sq miles and the population 684 017 according to the 1951 census Himatnagar, the headquarters of the District, was the capital of the former State of Idar and is situated at a distance of 55 miles from Ahmedabad on the Ahmedabad Prantij section, a metre gauge line, on the Western Rly , which leads upto Khedbrahma, a place of pilgrimage 90 miles from Ahmedabad Idar, Khedbrahma, Shamlaji, Bhavnath, etc are places of pilgrimage and historical importance

The average yearly rainfall is between 25 to 30 inches About 95 per cent of the land is dependent wholly on rain water, while only about five per cent is irrigated by water from wells, streams and canals

The principal crops are bajri, maize, paddy, jawar, cotton, wheat, sesamum and groundnut of which maize, bajri, groundnut and cotton cover the larger area under cultivation About 30 per cent of the people consist of Bhils and other backward classes The main occupation of the people is agriculture The north and north eastern parts of the District are hilly tracts and abound in jungle Except for a few ginning factories and oil mills, the District is very backward in industry

On the Ahmedabad Prantij section of the Western Railway, are situated the following District and Taluka headquarter towns, *viz* Prantij, Himatnagar, Idar and Khedbrahma The rest of the taluka headquarters are connected by buses which ply only during the fair season and most of the roads are katcha and sandy

There are five high schools in the District, 11 middle schools, 350 Government primary schools and 195 Grant-in aid primary schools For purposes of medical relief, there is a civil hospital in Himatnagar and 26 dispensaries in the District besides many private dispensaries

OFFICIALS

Collector and District Magistrate, G H Lalvani, I A S
District Superintendent of Police, P M Kadambande
Executive Engineer, D J Mehta, B E
Civil Surgeon, Dr B J Mansharamani, M B B S
Sub-Divisional Forest Officer, M S Khnachandani B Ag
District Agricultural Officer, K S Patel, B Ag
Educational Inspector, P M Joshi, M A , B T
Civil Judge, K N Alimchandani, B A LL B
(*For judicial purposes Sabarkantha and Ahmedabad are one District*)

DISTRICT DEVELOPMENT BOARD

Collector and Chairman G H Lalvani
Vice Chairman C D Patel
Hon Secretary A G Parikh

SATARA NORTH DISTRICT

Headquarters Satara
Talukas and Mahals Wai, Satara, Koregaon, Khatau, Karad, Patan, Jaoli, Man, Phaltan, Khandala, Mahableshwar

Satara North District belongs to the Deccan Division of Bombay State On the north it is bounded by the former State of Bhor and Poona District, on the south by Walva Taluka and Shirala Mahal, on the east by the Sholapur District, and on the west by the Sahyadri Hills The former States of Phaltan and Aundh are now merged into the Satara Collectorate

The population of the District according to 1951 census is 1,175,309 and its area 4,034 sq miles The language spoken is Marathi

From Mahableshwar in the north west corner of the District 4,717 feet above the sea, start two hill ranges of equal height and nearly at right angles to each other—one the main range of the Sahyadri running towards the south and forming the western boundaries of the District and the other, the Mahadeo range of hills, which, going first in an easterly and then a south-easterly direction, extends towards the eastern boundary, where it sinks gradually into the plain These hills throw out numerous spurs over the District, forming the valleys of the several streams which make up the head waters of the Krishna one of the largest rivers in South India Near Mahableshwar and in the Koyna valley the hills are the highest in the District and are mostly very well wooded

The soils of the District belong to the three main classes—red in the hills and black and light coloured in the plains The black soil, especially along the valley of the Krishna, is fertile but scanty rainfall makes part of Khandala tract in Wai Taluka and that part of the District east of the railway most likely to suffer from failure of crops

AGRICULTURE

The chief agricultural produce are jawar and bajri Others include ragi, wari, wheat, rice and pulses. Cash crops which are a minor item include tobacco, groundnut and sugar cane Some market gardening is done at Mahableshwar and Panchgani for Poona and Bombay markets Mango, jack and guava are grown for their fruit

Forests in the Sahyadri range have considerable store of timber and fire-wood Sandalwood and bamboo are occasionally found

Government have undertaken the Koyana river project envisaging the construction of a gigantic Dam close to Helwak village (Patan Taluka) water from which can be used for agricultural purposes by people from Satara, Sholapur and Bijapur Districts and for generating electricity for industrial purposes It is estimated that the dam will take about ten years to complete

Satara and Karad Municipalities have sanctioned the raising of large loans for their water schemes Government has advanced loans for sinking wells for agricultural and drinking purposes The Satara District Local Board was the first in the State to increase local fund cess from two to three annas to meet growing expenditure on education, sanitation, etc

Satara North being chiefly agricultural the Government High School at Satara has been converted into an Agricultural High School Industrial and Agricultural Model Schools have also been started at Satara and Borgaon respectively, under State management Most Taluka towns have High Schools and practically every village has a Free Primary School run with Grant-in aid The 'Rayat Shikshana Sanstha', Satara, is doing useful work in this sphere with its Free Cosmopolitan Boarding at Satara, accommodating about four hundred students mostly from rural areas

Satara 'Nagar Vachnalaya' (Library) is open to the public free of charge under the new State Scheme on an experimental basis on certain terms and conditions Physical education receives due consideration both from public and Government and the Home Guards organisation is taking firm root in the District This being a martial District, Free Boardings are run by Government at Satara and Karad for the sons and dependents of the Defence Forces in the Army, Navy and Air Forces The After Care Association ' and ' The Soldiers Board are doing useful work under the supervision of the Collector

COMMUNICATIONS

The main line of communications is the Southern Railway which traverses the centre of the District for about 90 miles from north to south Satara, the headquarters, is about 10 miles from Satara Road Station Then there is the Poona-Bangalore Road, crossing the District from north to south Other important roads include the Wathar-Mahableshwar Road *via* Wai and Panchgani Also east to west are the Satara-Pandharpur and the Karad-Chiplun Roads There are numerous feeder roads for the railway The Willingdon Bridge at Mahuli near Satara has greatly facilitated traffic to Pandharpur and the new bridge over the Krishna at Karad has promoted trade between Chiplun in Ratnagiri District and trade centres on the Southern Railway

INDUSTRIES

There is a large engineering concern manufacturing farm implements, machine tools, and textile machinery at Satara Road Station An engineering concern has recently been established at Udyamnagar near Karad while the one at Karad proper has been expanded with State aid At Ogalewadi near Karad are the well-known glass works The Sugar Works at Phaltan also deserve special mention The Plastic Products of India, Ltd , Satara, a new industry, in the Deccan, has secured State aid

The District is trying to maintain the lead it has once achieved in Co operative Movement The total number of societies (including 219 borrowing) was 612 on the 30th of June 1950 The amount of loans to agriculturist exceeded seven lakhs of Rupees and the membership stood at 2,809 A District Central Co operative Bank was recently opened at Satara

The Grow More Food Campaign is making headway Over 150 oil engines are working in the District More than 30 Forest Nurseries are functioning in the District and they have recently supplied thousands of useful saplings to villages Gun clubs have been founded in a large number of villages to protect crops from wild beasts

Supply of good seed and modern manure, digging of compost manure pits, and Agriculture exhibitions deserve special mention The Village Development Board with even distribution of officials and non officials is working with zeal in this behalf

The District has taken a lead in starting Gram Sevak Dal', i e Village Service Corps to further the cause of the Development Association and a score of villages have been selected for intense work

Besides the Training Cadet Corps, the scout movement has been revived under the name Bharat Scout and Guide Association under non-official guidance

The State Transport Bus Corporation has erected a new bus station at Hajeri Mal at the east end of Satara City, on the Poona Bangalore road with a spacious waiting room, a refreshment hall and other amenities for the travelling public It was inaugurated on the 15th of December 1950 The State Transport buses are now plying on all important roads in the District

OFFICIALS

Collector and District Magistrate, vacant

District Agricultural Officer, P V Wagle, M Ag

Asstt Registrar of Co operative Societies, S S Frrum, B A , LL B , G D C A

Executive Engineer N L Itchaporia, B E , A M I E (India)

Divisional Forest Officer, K P Karamchandani B Sc (Hons), A I S C

District Health Officer, Dr V D Shah M B B S , D Ph

Civil Surgeon, Dr A E Fernandes, M D

District and Sessions Judge, vacant

District Superintendent of Police, R K Raisinghani, B A , LL B , I P

Divisional Veterinary Officer, S H Bapat, G B V C

District Educational Officer, B R Kolhatkar, M A , T D (Lond)

District Publicity Officer, S G Gupte

Backward Class Welfare Officer, D N Murdeshwar, B A

SATARA DISTRICT LOCAL BOARD

The Satara District Local Board was divided into North and South District Boards on 1st August 1949 *The Board is composed of 41* members all elected, of whom 31 are *general, six scheduled classes,* three Muslims and one woman It has an income of Rs 11,35,000 and an expenditure of Rs 11,82 000 There are 200 miles of metalled roads, 445 miles of unmetalled roads and 190 miles of approach roads, 753 schools having 116,000 pupils, six allopathic, 17 Ayurvedic, 17 subsidised and 10 veterinary dispensaries The Board manufactures ayurvedic drugs for its use There are also 67 village panchayats

SATARA CITY BOROUGH MUNICIPALITY

Established on the 1st August 1853, the municipality has an area of 13 sq miles, a population of 37,837 (according to 1951 census), and 33 elected members including four Muslims, three Harijans and one woman The main sources of income are octroi, house tax, water rates, sanitary cess, toll tax, fees, etc

It gets a Government grant of Rs 1,46,184 and has an expenditure of Rs 5,00,000 Settled and chlorinated water is brought from Kas hill about 15 miles away A new scheme costing Rs 14 lakhs for bringing filtered water has been sanctioned Streets are lit partly by electric lights and the remaining by petromax Free and compulsory primary education was introduced as early as 1921

HOSPITALS

BHADKAMKAR CHARITABLE HOSPITAL, KARAD (Regd)

'Bhadkamkar Charitable Hospital , a unique institution in Karad, started on the occasion of 61st birthday (May 1943) of a leading physician of Maharastra, is open to all castes, creeds, communities alike Equipped with ultra violet lamp, Pathological Laboratory, maternity ward minor surgical operation theatre, ophthalmic room, the hospital since its inception benefited over 50,000 patients

A T B Sanatorium is a crying need and the people of this District residing elsewhere are requested to contribute liberally The building project is in hand

Hon G Mavalankar, Speaker, Parliament, Mr N V Gadgil, Dr Bhatre, A D P H , Sir J A Madan among others have praised this institution Mahatma Gandhi has *eulogized* its Secretary for the institution's humanitarian work, saying There is no higher morality than to save human life

NEWSPAPERS & PERIODICALS

PRAKASH'	Daily	Karad
SAMARTH	Weekly	Satara
" AIKYA	,	,,
" SHREE SHAHU '	,	,,
" GRAMODHAR	,	,,
" BHARATI		,,
" JANAKRANTI		,,
" VINKAR SEVAK	Monthly	,

EDUCATIONAL INSTITUTIONS

DECCAN EDUCATION SOCIETY'S NEW ENGLISH SCHOOL SATARA

Founded in the year 1899, this institution was the first to be started by the D E Society outside Poona For the first two decades the management had to encounter great difficulties in respect of housing, Government grant restriction put by Government on the maximum number of pupils, etc But the devotion efforts and tact of the late S G Deodhar, B A —the founder and first Superintendent (till 1919) enabled the management to tide over all the difficulties and give the school a footing at once sound and prosperous

The school provides facilities to pupils in the intellectual, cultural and social spheres In the field of physical education and in matters of athletics and gymnastics it has acquired a place of its own as the pioneer institution in the Deccan

The total expenditure over buildings, furniture, equipment and playgrounds exceeds two and a half lakhs of rupees The school celebrated its *Golden Jubilee* on December 6, 1949 Donations to the tune of Rs 33,000 were collected from well wishers of the school

The strength of the school is about 13,000 , a set of public audience apparatus has been fitted , A 16 mm Projector is owned for the pupils literary circles (English & Marathi) are being run , daily prayers , occasional trips and excursions , scouting and students' *Parliament* of 30 cadets is under training

Under a proposal from the Director of Technical Education, Bombay State, the School has undertaken since 1950, to send pupils from one division of each standard from Standard VIII onwards to receive instruction in technical subjects in the Government School of Industry, Satara, thus giving the much needed bias to an all-exclusive study of cultural subjects done so far

Officer bearers —J K Ranade, M A , B T (*Superintendent*) *Asstt Supdts* —S G Devare, B A , B T M R Walambe, B A , B T , *Members, Local Advisory Board* —Dr M N Agashe , S. H. Sathe, B A , LL B , N G Joshi, B A , LL B

GOVERNMENT AGRICULTURAL HIGH SCHOOL, SATARA

Started as English Teaching School in 1851 by Government The first batch was sent for Matriculation Examination in 1872 Converted into Agricultural School in 1939 The number on rolls is over 400

Situated in the heart of the city, in the Old Palace, the School imparts instruction mainly in Agriculture along with other subjects from Std VIII to XI, the principal aim being that of creating pupils who would take up Agriculture as future career Also sends up pupils for the S S C Examination

Possesses a Farm of 22 acres in area only four furlongs from the School with ample irrigation facilities, pupils are trained in the practical side of the profession including Dairy and Poultry as subsidiary industries

Special features include an Agricultural Museum, an Agricultural Library and a Co operative Society

A sub-unit of 30 cadets has been allotted to this High School under the scheme of the Junior Division of the National Cadet Corps

A Hostel attached to the School since 1913 accommodates about 60 pupils and is fully occupied

MAHARASHTRA HIGH SCHOOL KARAD

The Maharashtra High School, Karad, is run by the Maharashtra Education Society, Karad—founded in 1938 by a number of prominent merchants of the town G P Deo, the founder of the school, handed it over to the newly formed Society with all its property and equipment The A V School grew in popularity and was soon developed into a High School and the 1st batch of students was sent up for the Matriculation in 1942 There are at present 250 boys and girls on the rolls

RAYAT SHIKSHAN SANSTHA, SATARA

(Educational Society for Masses)

This Society was founded by Karmaveer Bhaurao P Patil of Aitwade, Dist Satara (South), in 1919 and registered in 1935

Objects & Scope —To spread education, primary, secondary and higher, among rural masses and particularly poverty stricken backward and Scheduled Class communities, on the basis of self help and as far as possible free of charge The centre of its activities is Maharashtra in general and Satara (South and North) and Kolhapur Districts in particular

SHET CHANDANMAL MUTHA ARYANGLA VAIDYAK MAHAVIDYALAYA, SATARA

A band of Ayurvedic minded public men of Satara founded "AYURVED PRASARAK MANDALI' in 1913 with the object of bringing about a revival and uplift of AYURVED They sought to achieve it by —

(i) encouraging a comparative study of AYURVED' and modern medicine,

(ii) presenting, wherever scientifically feasible AYURVEDIC principles in terms of modern sciences,

(iii) introducing interpretation, research and reorientation, and finally,

(iv) popularising and propagating Ayurvedic therapeutic methods by getting them adopted in hospitals and disseminating scientifically prepared Ayurvedic remedies

To accomplish its object the 'MANDALI conducts the 'ARYANGLA VAIDYAK MAHAVIDYALAYA a general charitable hospital and maternity home and a monthly magazine THE AYURMEMANSA and it is actively associated with the Dr Bhadkamkar Ayurvedic Research Institute (housed in the College premises) and the AYURVEDEEYA ARKASHALA Ltd Satara

SHRI GURU SANGIT VIDYALAYA, SATARA

The Institution was started in 1928 by Shrijut Keshavbuva Matange, the hereditary singer and musician of Satara, with the object of teaching boys and girls music on scientific lines

The Late Shrijut Dadasaheb Karandikar, Member, Council of State and a Patron of the Institution sought recognition from the Educational Department

Regular classes have been held every day and annual examinations every year Concerts by well known musicians are also arranged periodically Since 1943 the Institution has been affiliated to the Gandharv Maha Vidyalaya Mandal, Bombay

The Vidyalaya has already been recognised by Government and the Education Department has recommended it for Grant in Aid Donation from the guardians of pupils and well to do sympathisers are solicited

SHRI MADADYA SHANKARACHARYA MANDIR AND BHARATI BHAVAN MATH, SATARA

This 'SANSTHA' (Society) was started by certain 'Sanatani residents of Satara led by Shri S V Joshi, first Non official President, Satara Dist Local Board, Shri R V Mahableshwarkar and others in 1940 under the Presidency of Shri Vidyashankar Bharati, the Shankaracharya designate of Sankeshwar Karveer Peeth The objects of the Society are —(1) To promote Vedic literature and the study of oriental sciences (2) To impart knowledge of Philosophy and Research, (3) To maintain libraries for the society members (4) To impart education to Scholars in ADVAIT vedant Philosophy Nyaya Vyakatran and Mimansa, etc, (5) to maintain The Adyashankaracharya Mandir and the society's property

MODERN EDUCATION SOCIETY'S NEW SARASWATI ENGLISH SCHOOL

The above named School is being conducted since 2 6 1941 by the Modern Education Society The present strength in two forms is over 120 Bombay Government was pleased to make a free grant of an open site admeasuring 8 acres 26 gunthas and odd The society holds building material worth about Rs 10 000 (Rupees ten thousand) It is donated to the tune of 8 to 9 thousand rupees The Society hopes to satisfy the educational needs of the public around Koregaon as it promises to be a flourishing centre, being a Railway Station midway between Miraj and Poona

NAGAR VACHANALAYA, SATARA

The Library was registered in 1904 under the name City General Library and was soon named as Victoria Library in memory of the Queen Later in 1938 it was named as NAGAR VACHANALAYA at the express desire of Members There are at present 4,000 English and 4,000 Marathi books The Library subscribes to a large number of periodicals including dailies and weeklies from various States

Since October 1947, it has been recognised as District Library' by the Government of Bombay allotting an annual grant of Rs 4,000 and it has been thrown open to the public under certain terms and conditions The institution has its own building with a public hall worth about Rs 30,000

SHRI SHIVAJI VIDYALAYA, KARAD

Srijs Y B Chavan P P Gokhale and G B Sinhasane and Shet Rambilasji Lahoti and B Mohire, two prominent merchants founded the 'SHRI SHIVAJI SOCILTY , Karad and started "Shri Shivaji Vidyalaya ', Karad, in 1945 to meet the growing needs of Secondary Education in the Karad area

Experienced and qualified teachers were forthwith secured The Education Department granted recognition and also permission to open the Matriculation class in June 1946 On 31st January 1947 Mr B G Kher, the then Chief Minister and Education Minister of Bombay, laid the foundation tablet of the proposed building on the site the Society had purchased

THE SATARA EDUCATION SOCIETY, SATARA

The Society was founded in 1935 by five enthusiasts to cheapen and facilitate Education in the Satara District From humble beginnings the Society has steadily developed and is now running two full fledged High Schools, the Popular English School, Satara, and Shri Laxmi Narayan English School, Khatav and a Model Primary School at Satara

Academically and professionally qualified staff, good equipment, progressive results and extra curricular activities like scouting, printed magazine and co operative show are some of the features of the Society's Schools

The Society has purchased a spacious site worth Rs 10,000 to construct a building thereon worth Rs 2,00,000, for the Popular English School, Satara

THE SHIKSHAN MANDAL, KARAD

The Shikshan Mandal, Karad was founded in 1920 and registered in 1921 for spreading and facilitating useful and progressive education and inculcating a national spirit in the Indian youth The Mandal's constitution is on democratic lines entrusting day-to day management to life members and at present to all permanent teachers It maintains (1) The Tilak High School, Karad (2) Kanya Shala, Karad (3) The Nutan Marathi Shala

SATYABHAMABAI KALE STREE SHIKSHANA MANDIR, SATARA

(Kanyashala and Mahilasadan)

The Kanyashala (a high school for girls) was founded in Satara by Dr Mrs Kamalabai Deshpande, G A , Ph D , in 1922 In 1935 the late Rao Bahadur R R Kale gave away his house as a gift to the Hindu Widows' Home Association, Hingne (Poona) now known as Hingne Stree Shikshana Sanstha, and requested the Association to run the school as well as the adult classes named Mahilasadan, founded by his late wife Both these are now flourishing under the management of the Association and there are about 500 girls in the High School studying for the S S C New buildings to meet the growing need for accommodation in the School and Mahilasadan have recently been added at a cost of Rs 1,50,000

Bal Manohar Mandir a pre primary School, has been attached to this School since June last The Mandir is showing good progress in its work "Mahila Mandal" is a ladies' club, a part of Mahila Sadan mentioned above and is receiving good response from the ladies in the town

Superintendent —P V Gole, B Sc , B T

OTHER EDUCATIONAL INSTITUTIONS

Agricultural High School, Satara

Agricultural School, Borgaon

Ayurvedic Mahavidyalaya, Satara

School of Industry, Satara

Shivaji Arts College, Satara

Over a score of High Schools for boys and girls are run at Satara, Wai, Karad, Aundh, Phaltan, Panchgani and Mahableshwar

BENEVOLENT INSTITUTIONS

SATARA JILHA VEERSHAIVA LINGAYAT SHIKSHAN SANSTHA (SOCIETY), SATARA

This charitable Institution started on 24th September 1946, at Satara with the object of helping poor and deserving Lingayat Students from Satara (North and South) District, attending different Colleges and High Schools, has deposited over Rs 20,000 and the interest thereon plus donations amount to Rs 2,000 which is utilized to help about 15 students annually Charitably disposed Lingayat and other persons are requested to help the Society with generous donations Shri Namdeorao Balvantrao Gudge (Late) of Mayani and Raosaheb A N Kalyani of Karad, the Patrons have each donated Rs 10,000 and Rs 5 000 respectively to the Sanstha'

SITA RAMCHANDRA VEDIC DHARMA PRASARAK MANDAL, KANHERE TRUST, SATARA

Founded in 1926 by the late Shrimati Sitabai R Kanhere of Satara A trust was created with Rs 52 000 excluding equipment and buildings worth Rs 20,000 and managed by a board of seven trustees The trustees run an 'AGNIGHOTRA" (sacred Fire Temple) and Ved Parayan Mandir (place for daily recitation of the Vedas) by learned Vedic priests A small school for coaching students, with stipends, in higher Vedant Philosophy is maintained under the guidance of learned pandits *Board of Trustees* S Kanhere *(Ex Officio Chairman)*, R G Soman, M L C , B R Rajopadhye Pleader , K R Majgaonkar, Pleader , S S Kanhere , V N Mulalik , S H Kulkarni (Retired Govt For Dept), S B Athwale, Pleader

ASSOCIATIONS, ETC.

AMERICAN MARATHI MISSION, SATARA

Missionaries Director, Miss L Picken

Associate Mrs Louise Fisher

The American Marathi Mission has been working in Satara since 1849 Its activities have embraced work in Satara City and in the surrounding villages

Present activities are Evangelistic, Social and Educational and Public Health, in Satara and in the surrounding villages Waduth (a village six miles distant) has a Maternity Home and a Child Welfare Centre There is also a Child Welfare Centre in Satara as well as a Schools Public Health Service which caters for the needs of about 200 children daily There is a trained Indian Staff in all departments Social and Educational work is carried on in Friendship Centre in Satara City , in the Community Centre, Camp and in Waduth village

REMAND HOME, SATARA

THE DISTRICT PROBATION AND AFTER-CARE ASSOCIATION, SATARA

(Affiliated to the Bombay S P and A C Association)

Founded in 1941 Government gives nearly 50 per cent grant while the rest is raised by public subscriptions and donations Subscription for membership is Rs 5 per year and life membership Rs 100 The Collector is the Ex Officio Chairman of the Managing Committee (consisting of 20 members) responsible for the management of the Home At present the Association is managed by two Secretaries who are doing honorary work, helped by the Probation Officer

THE SATARA NAGARIK GRAHAK SAHAKARI MANDALI LTD

Consumers' Association

Founded in 1948 to supply Cereals, Cloth, Furniture, etc to Consumers at Moderate Rates on Co-operative basis

CLOTH RATION SHOP —148, Bhavani Peth

GRAIN RATION SHOP —128, Bhavani Peth

REGISTERED OFFICE —177, Bhavani Peth

SUDHATAI DHAVALE (GODUTAI DHOPESHWARKAR, M A) SMARAK MANDIR, KARAD

Founded on September 11, 1939 first anniversary date of the demise of the lady It maintains a library of social sciences free to public Lectures on diverse subjects arranged on anniversary day for the public *Board of Trustees* R. S Dhavale, M A , LL B , Satara , Prof L B Harolikar, Poona and R D Supankar, Industrialist, Poona Trust worth Rs 10,000

THE VYAYAM MANDAL, SATARA

It is a well known Physical training institution and is run on non-sectarian lines and is availed of by Hindus Harijans and Muslim students and adults It owns a spacious Gymnasium and an extensive playground in Bajirao Peth The Governor of Bombay opened the Hind Kreeda Bhavan Pavilion in October 1949 and the Management secured Government Grant Adult members of the 'Mandal' take active interest in the rural uplift and other national activities Daily attendance exceeds one hundred members The institution has now built a students' hostel as well

An Advisory Board consisting of Shri Soman, Dr Athalye, Shri K Kolhatkar, Srjs Ganpatrao Sathe, Baburao Vaidya, and D K Gosavi, M L A guides the 'Mandal'

Director —V R Soman, B Sc , LL B

THE SATARA STATIONERS' AND CHEMISTS ASSOCIATION LTD

Founded in 1944 to secure and supply Controlled Commodities of varying nature to its Constituents at Moderate profits

CONSTITUENTS —(1) Satara Stationery Mart , (2) Laxmi Stores , (3) Dingankar Book Depot , (4) The Central Stores , (5) Chhatrapati Stores , (6) Arogya Vaso Bhandar , (7) Bhausa Ganpat Pawar, Silk Merchants , (8) G M Shalgar & Co , General Merchants , (9) Azad Hind Stores , (10) Shree Swadeshi , (11) Agte Bros , (12) Prabhat Agency , (13) H S Wagdole & Co , (14) V N Bhadsavale Agency, (15) S S Shah & Co , (16) Fair Price Shop.

MAHABLESHWAR

Mahableshwar in the Satara North District is called the queen of the hill stations in Bombay State It is situated on one of the great slopes of the Sahyadri range at an elevation of 4,700 feet above sea-level During the 8 months from October to May the climate is most agreeable By day the temperature varies between 80 and 86, while the nights are cool and pleasant But during the monsoon the rainfall is so heavy, the average being about 250 inches a year, that the place is almost uninhabitable The whole place is picturesque in the extreme and there are a number of excellent walks and drives which give access to beauty spots, some of which contain interesting monuments One of the things for which the place is famous is fruit especially raspberries and strawberries

It is possible to have separate furnished rooms, cottages, and bungalows at a cheap rent in the town There is an up-to date post-office, post delivery being twice a day during the hot weather when the station is crowded The town has also facilities for trunk telephone calls to all places Other amenities of the town include two libraries, several open spaces and play grounds, a garden and European, Parsi and Hindu gymkhanas with tennis courts etc There are Protestant and Roman Catholic churches, a number of Hindu temples and two mosques

The Government House is well laid out on an extensive ground The town contains many bungalows but as the official visit of the Governor has been in suspension for the last few years, Government House and other quarters remain vacant The Governor generally occupies the Guest House on casual private visits

It is now possible for people of moderate means to go to the hill station for a comparatively inexpensive holiday and change in the newly opened Holiday Camp set up by the Bombay Government The Camp is located in the Government House property on the way to the Bombay Point and one room two room and three room accommodation is available to the public at purely nominal rent The stay of visitors at the Camp is limited to one week so that the facilities offered are taken advantage of by as many people in need of a change as possible

The Camp is served by a vegetarian canteen, tap water and electric lighting It is normally thrown open during the months October to May, and applications for accommodation have to be addressed to the Executive Engineer, Poona Division Poona

There are several routes to Mahableshwar but the most popular is the one starting from Poona, from where it is only 75 miles The journey which is both convenient and cheap takes only 4 hours One can also go by road from Bombay *via* Panvel, Dharamtar and Mahad In the old days people used to make the journey by palanquin or phaeton from Wathar Station on the Southern Railway, 68 miles from Poona

The Deputy Collector who is Prant Officer is the acting Superintendent of the station at present For the management of the town there is a Municipality which consists of an elected Board of 10 members and 2 ex officio members, *viz*, the Superintendent who is the President of the Board, and the Mahalkari who is in charge of the Revenue Department

HOTELS

Hotels are open only eight months in the year and are closed during the monsoon

Aram Lodging & Boarding House
Dream Land Hotel
Fredrick Hotel
Guest House
Happy Home
Hotel de Russe
Krishna Bhuvan Hotel
Paradise Hotel
Race View Hotel
Rippon Hotel

MAHABLESHWAR CLUB

Number of Members—Limited to 200 Election by ballot
The Club is open from October to June
Entrance fee, Permanent Members Rs 300
Scale of charges and information regarding Temporary and Visiting Membership may be obtained on application to the Secretary

PANCHGANI

Panchgani is a well known hill station in Satara North District, 63 miles from Poona It is 4,300 feet above sea level and has a cool, salubrious and comparatively dry climate The average rainfall is about 80 inches a year Panchgani is thus a well known sanatorium

The town abounds in beauty spots It is, however, best known for its table-land, which is a very extensive plateau 4 550 feet above sea level The table land covers 99 acres of ground with a small lake in which people can have a swim

At the foot of the table land there is a municipal public garden

Panchgani is habitable throughout the year, and there are excellent shops for provisions and oilman stores Poultry, fowl and eggs are all very cheap The town is electrified and the roads are well lighted When the water supply and drainage schemes materialize they will greatly add to the amenities of the town There are Protestant and Catholic churches as well as Hindu temples, a mosque and a small fire temple The town has also post and telegraph offices with facilities for trunk calls

Panchgani can be reached from Poona from where there is regular bus service

The town boasts of one of the largest and the most up-to-date tuberculosis sanatoriums in Bombay State—Bel Air Sanatorium conducted by Dr R B Billimoria The sanatorium is equipped with a solarium laboratory, an operation theatre and X-ray apparatus It stands on its own spacious grounds well away from the town There are several sanatorium blocks which can be cheaply rented by people belonging to all communities

Panchgani is administered by an elected Municipal Board The income of the Municipality is derived from taxes on property, vehicles, conservancy tax, etc There is an Executive Officer, and also a Health Officer, who looks after the sanitation of the place

HOTELS

The hotels are open all the year and cater for all communities

Grange Hotel
Il Pallazzo Hotel
Mount View Hotel
Prospect Hotel
Bristol Hotel
Surti Hindu Lodge
Prabhat Hotel
Anand Bhuwan
Dinhow Hotel

SPIRITUAL ASSEMBLY OF THE BAHA'IS OF PANCHGANI

Rockside, Panchgani, Dist Satara

Administering the religious affairs of the Baha'is Community of Panchgani

Objects —To establish universal peace and the oneness of mankind, in co operation with fellow Bahais in 100 other countries through the spiritual principles of the world religion proclaimed by Bahaullah in 1863

SCHOOLS

Panchgani is famous for its schools There are seven high schools in all They all have their own buildings with laboratories, dormitories, and hospitals The schools admit day scholars as well as boarders

St Joseph's Convent High School for Girls
Kimmins High School for Girls
Sanjivan Vidyalaya
Parsi High School
Muslim High School
Young Zoroastrian School for Girls

ST PETER'S BOYS' HIGH SCHOOL

Panchgani

The School was founded in 1902 by the Colonial and Continental Church Society, partly through the munificence of Miss Ashlin of Poona It is situated in its own delightful grounds of over 22 acres overlooking the Kurali Valley There is accommodation for about 150 boarders as well as the Principal, staff and matrons The buildings include Assembly and Dining Halls Library, Laboratory, spacious class and reading rooms Both school house and residence have lofty and spacious rooms, while special efforts have been made to secure bright and airy dormitories There is a large School Gymnasium adjoining the main building and a swimming bath supplied with pure well water

The aim of the school is to provide a sound education on modern lines for the sons of Europeans and Indians As far as conditions will allow the education is the same as that of the English Secondary School The religious teaching is supervised by the Church of England and arrangements are made for pupils of other religions to receive instruction in their faiths

All boys are expected to take part in games and also to attend the physical instruction classes There is a trained physical instructor on the staff, and classes are taken by him during school hours Hockey, Association Football and Cricket are played daily by senior boys on the extensive level ground known as Tableland (a short distance from the school) and by junior boys on the school grounds Instruction is also given in swimming The school is divided into four houses for games, and inter-house competitions are held in all sports The annual Athletic Sports are held in November Tennis is also available on the school grounds, and educational equipment includes a talkie film projector

Principal —O D Bason, M A.

TRADES & PROFESSIONS

Abhang Agency Satara City

Alankar Kala Mandir, Moti Chowk Satara City Artists and Jewellers

Athalye R D Moti Chowk, Satara Booksellers, Chemists Druggists, General Merchants, etc

Central Stores, Bhakawalkar Brothers, Dealers in Stationery, Toilets, and Sweets, Corner House, Bhawani Peth, Satara City

Deccan Dental Co, Satara City Dealers in Dental and Optical Goods

Gajanan Restaurant Satara, Moti Chowk, Satara City

Hanmant H Pendse, Iron & Hardware Dealers, Satara City

The Home and Commercial Supply Agency, Dealers in Books and Stationery, etc, Sangli & Bellary

The Horticultural Agency (Estd 1930) Dealers in Seeds, Bulbs and Plants Merchants, Sangli & Bellary

The Imperial Stores, Satara Stationers General Merchants & Commission Agents, Kakade Building, Satara City

Khadilkar Bandhoo, Moti Chowk, Satara City, reliable dealers in variety cloth

Laxmandas Sarvottamdas & Co, Alias Bhikubhai General Rice and Grain Merchants Satara City

Mangal Bhandar, Satara, Stationers Booksellers and General Merchants, Majkaon Mansion Somwar Peth, Satara

The Manik Soap Works, Karad Satara

Plastic Products of India Ltd, 251, Bhavani Peth Satara City

Sanghavi Brothers Satara City, Dealers in Vegetable Oils and Spices

Sanghavi Oil Mills, Post Vaduth, *via* Satara Road (Dist Satara)

Vijaya Printing Press Vijaya Cottage Satara City

Western India Stores & Distributors Ltd, Satara City

THE UNITED WESTERN BANK, LTD.

(ESTD 1936)

(Scheduled Bank)

Head Office

PALACE STREET, SATARA

Branches

BOMBAY—Fort & Girgaum, POONA, NASIK, BARSI.

Working Funds Exceed Rs. 80 Lakhs.

BANKING TRANSACTIONS OF EVERY DESCRIPTION DONE

S H JOSHI, B A, B Com, *Manager* ★ S H SATHE, B A, LL B, *Chairman*

Manager Bombay Branch N G MOGHE, B A, B Com

SATARA SOUTH DISTRICT (SANGLI)

Headquarters —Sangli

Sub-Divisions —Miraj, Khanapur

Talukas and Mahals —Miraj, Tasgaon, Walva, Khanapur, Jath, Shirala (Mahal)

With the merger of sixteen Deccan States in Bombay State on March 8, 1948, arose the necessity of re-constituting some of the already existing Districts and creating new Districts in the State

The new District of Sangli later designated Satara South came into existence on August 1, 1949 The District is comprised of some portions of Sangli, Miraj Sr Miraj Jr , Aundh, and Jath States of the Sangli Group and the three southern Talukas and one Mahal of the former Satara District It is included in the Deccan Division of Bombay State

The District is bounded by Bijapur District on the east, Kolhapur and Ratnagiri Districts on the west, Kolhapur and Belgaum Districts on the south, and Sholapur and Satara North Districts on the north

The area and the land revenue of the District are 3,434 square miles and Rs 20,21,075 respectively The population of the District according to the census of 1951 is 1,000 141

The climate of the District is generally dry, and healthy, with an average rainfall ranging from 15 to 25 inches except for parts in the Shirala Mahal, which being on the borders of Konkan has a comparatively damp climate and a heavy rainfall The Mahal includes a hilly tract

The Krishna, the Verala, the Warana, and the Agarani are the four important rivers flowing through the District The soil on the banks of these rivers is very fertile, yielding rich sugarcane crops Starting from the river Nandhi in the Khanapur Taluka is a canal called Chickli

The principal crops grown in the District are jowar, millets, pulses, wheat, ground nut, turmeric, tobacco, sugarcane and a little cotton and rice and some oil-seeds

THE MIRAJ SUB DIVISION consists of Miraj and Jath Talukas

THE KHANAPUR SUB DIVISION consists of Khanapur, Tasgaon and Walva Talukas and Shirala Mahal

MIRAJ TALUKA

The Taluka contains 92 villages and has a population of 285 616, a land revenue of Rs 4,71,683 and an area of 600 square miles

The Taluka with its headquarters at Miraj contains such important towns as Sangli, Miraj, Budhgaon, all of which were former State capitals

TASGAON TALUKA

The Taluka contains 74 villages and has a population of 169,325, a land revenue of Rs 3,53,324 and an area of 441 square miles

The Taluka with its headquarters at Tasgaon, a place known for its Ganapati Temple and ' Gopur , contains Kirloskarwadi, the iron and steel industry centre, noted all over India Brahmanal and Audumbar on the banks of the Verala and the Krishna rivers are well known holy places

WALVA TALUKA

Walva Taluka with its headquarters at Islampur contains 56 villages, has a population of 174,073 a land revenue of Rs 5 29 982 and an area of 304 square miles The land in this taluka is very fertile

KHANAPUR TALUKA

The Taluka has its headquarters at Vita It contains 131 villages and has a population of 183,441, a land revenue of Rs 3,08,977 and an area of 778 square miles

JATH TALUKA

The Taluka with its headquarters at Jath contains 97 villages and has a population of 180,270, a land revenue of Rs 1,99,236 and an area of 867 square miles

SHIRALA MAHAL

The Mahal with its headquarters at Shirala contains 80 villages, has a population of 79,416, a land revenue of Rs 1,57,873 and an area of 245 square miles

COMMUNICATIONS

The Southern Railway s Poona-Bangalore line runs through the District from Takari right upto Miraj, touching on the way Kirloskarwadi, Bhilavadi, Nandre and Madhavnagar A branch of the Southern Railway running from Barsi to Miraj touches at a number of places in the Jath Taluka Miraj is an important railway junction in the District where lines from Poona, Bangalore, Sangli, Kolhapur and Pandharpur converge From Miraj to Sangli there is a branch of the Southern Railway covering a distance of 6 miles From Miraj to Kolhapur there is another branch line covering a distance of 30 miles Two important trunk metalled roads called Karad Bijapur Road and Tasgaon-Gotur Road run through the District The State Transport buses regularly ply between Sangli on the one hand and Bijapur, Poona, Kolhapur and Jath on the other There are also many other bus-services functioning throughout the District

TRADE, INDUSTRY

Sangli, which is the headquarters of the District is an important centre of trade and commerce specially for tobacco, groundnuts, turmeric, jaggery, chillies, ghee, and cotton trade It has ginning, weaving and spinning mills, groundnut, turmeric, iron and steel factories represented chiefly by firms like Deccan Engineering Works at Madhavnagar, Kirloskar Bros at Kirloskarwadi, Dandekar Bros and Bhide & Sons at Sangli The town has also oil mills and ice factory It is also known for its silver, copper and brassware and gold ornaments There are two famous cloth mills known as Gajanan Mills (reputed for its sarees) and the Balaji Spinning & Weaving Mills There is also a metal mill named Maharashtra Metal and General Mill Bidi making is another big Industry

Besides, Sangli is a big centre of forward delivery transactions It has a Chamber of Commerce and a number of trade Associations such as (1) The Mahajan Association, (2) The Forward Delivery Association, (3) The Cloth Merchants Association, (4) The Saraf Association, (5) The Grocer-traders Association, (6) Hotel Keepers Association, (7) Iron & Hardware Merchants Association

The Ganapathi-sansthan which works under the direct patronage of the Raja of Sangli must be mentioned

Being a railway junction, Miraj is now commercially developing It has a weaving mill, an oil mill, an ice factory and industrial works called The Yeshvant Industrial Works Another town Malgaon is famous for its beetle leaves, which are exported throughout the year to all parts of India

EDUCATION

The District is sufficiently advanced in point of education—primary, secondary and higher Compulsory Primary Education has been introduced in Tasgaon, Khanapur and Walwa Talukas and Shirala Mahal It may be shortly extended to the merged areas of the former States There are 832 primary schools with 2,664 teachers in the District and 22 High Schools, two Sanskrit Pathashalas, four Montessori Schools and two Mahila classes The number of pupils under compulsory education is 45,905 There are 182 adult education classes and 182 village libraries in the District In the matter of higher education the District has one Arts & Science College, one Engineering College, four Primary Teachers Training Colleges, one Medical School, one Nursing School

Sangli, Madhavnagar and Miraj especially which are in close proximity to one another are now rapidly developing into an important educational and industrial centre in Southern Maharashtra The Raja of Sangli has established at Sangli the " Adhytma Vidya Mandir" under the supervision of Prof R D Ranade, an institution solely devoted to the study of Philosophy Religion and allied pursuits There are two Primary Teachers Training Colleges, one for men and the other for women at Sangli There are also five High Schools in the city There is a school for the study of ancient learning and another for the study of domestic science There are also four Montessori schools Miraj has four High Schools The Deccan Education Society started about 30 years ago the Willingdon College at Sangli which provides instruction in Arts and Science and prepares students for degree courses In 1947 the Maharashtra Technical Education Society, Poona, started at Sangli the New Engineering College

Because of the Mission Hospital, run by the American Presbyterian Mission and founded by the late Sir William Wanless, Miraj has become one of the most up-to-date and efficient medical centres in India The Sir William Wanless Tuberculosis Sanatorium, at Wanlesswadi, is now the largest among first grade sanatoria in India Besides the T B Sanatorium there is a Leprosarium at Miraj The Miraj Medical Centre also runs a Medical School, a Nursing School and a Compounding School

Besides the A P Mission Medical Centre, Miraj has (1) Dr D P Gorde s Clinic for eye, ear, nose and throat operations, (2) Dr W O Airan s X Ray Clinic and (3) Dr S D Arawattigi s Vail Memorial Hospital for general operations

Sangli has ample water and electric supply Sangli has also Trunk Telephone Exchange facilities and a Selection Post Office Miraj too has a Selection Post Office and two Sub post offices and is an R M S headquarters Miraj is now well supplied with electricity and water

The Sangli State Central Co operative Bank now known as th Satara South District Central Co-operative Bank Ltd , Sangli, has opened branches at three Talukas namely Miraj, Jath and Tasgaon It may soon start branches at other Taluka centres This has very much helped the development of Co operative movement in the District The Satara South District Industrial Co operative Association Ltd has been recently started at Sangli with a view to developing and encouraging small scale and cottage industries in the District

OFFICIALS

Collector and District Magistrate, R V Deshmukh, B A , B Litt (Oxon)

District Supply Officer, V A Malvankar

District and Sessions Judge, South Satara, Sangli, S S Malimath, B A , LL B

Assistant Judge and Additional Sessions Judge, Sangli, M S Parulkar, B A , LL B

RAYAT SHIKSHAN SANSTHA, SATARA.

(Educational Society for Masses.)

This Society founded by Karmveer Bhaurao P Patil of Aitawade, Dist Satara (South), in 1919 and registered in 1935

Object and Scope—To spread education Primary, Secondary and Higher among rural masses and particularly poverty stricken Backward and Scheduled Class communities on the basis of self-help and as far as possible free of charge The centre of its activities is Maharashtra in general and Satara South and North and Kolhapur districts in particular

Boarding Houses for Boys and Girls.—Karmveer Patil did much spadework in the educational field in Walwa and Karad Talukas from 1909 to 1923 and made Satara town and centre of his activities in 1924, where he opened a Boarding House with one Harijan student This was formally styled "**Shree Chhatrapati Shahu Boarding House**' after the late Shahu Maharaj of Kolhapur and inaugurated by Mahatma Gandhi in 1927 The Boarding House has been run from the beginning on non-sectarian lines and has a common mess, the first of its kind in India The Boarding House has so far turned out 400 Matriculates of whom 50 are studying in different Colleges Of the 100 Matriculates produced by the Society 20 have been enrolled as Life Members and have been working in the Society's institutions At present the Sanstha is conducting 11 Boarding Houses, 10 for boys and one for girls attached to Secondary Schools under the control of the Sanstha All the hostels are recognised as the B C Hostels by the Government and three hostels are recognised as certified Schools The number of the inmates of the hostels, *t e*, 600 and their annual budget for the year 1953-54 is Rs 1,35,250

Primary Education—The Sanstha has been conducting voluntary Primary Schools in all over the most mountainous inaccessible and educationally Backward villages of the Sanstha North and South Districts since 1938 The present number of voluntary schools is 441 with 777 teachers Nearly 22,000 pupils are taking Primary education in these schools Their budget for 1953 54 is Rs 4,27,000

Training Education.—The Sanstha started one Primary Training College in 1935 at Satara with a definite view to train and send out properly qualified teachers and workers in rural areas At present the Sanstha is conducting 3 Basic Training Colleges for men at Satara, Ashta and Rukadi and one for women at Satara 550 teachers are under training and 2,000 teachers are trained upto this day The budget for 1953-54 is Rs 1,44,000

One Basic Practising School is attached to Mahatma Fule Adhyapak Vidyalaya, Satara is conducted in the memory of the late Rao Bahadur R R Kale

Secondary Education.—The Sanstha started one Secondary School at Satara in 1940 with a view to impart free education to those willing to do manual work for 3 hours a day The Sanstha has built up an integrated system of rural education and has begun to start Secondary Schools in different districts of Maharashtra. The number of pupils in Secondary Schools is 4,000 with 200 teachers The annual budget for 1953-54 is Rs 4,59,050

Higher Education.—Chhatrapati Shivaji College, Satara was started in 1947 It was free from tuition fees and completely residential for 4 years At present the college is giving instruction upto B A classes The T D Section is attached to this college The number of pupils is 200 Its annual budget for 1953-54 is Rs 52,800 Special concessions are given to those who live in the college hostel and do some manual work daily

Other Activities.—i) The Sanstha has been conducting one Store House and one Credit Society on Co-operative basis for the use of the pupils and the employees in the Sanstha The number of share holders is 959 and the share capital is of Rs 22,269 The Reserve Fund of the Society is Rs 8,909 4-9

ii) The Sanstha is conducting 70 social education classes and 25 village libraries in different villages

iii) The Late Laxmibai Patil Memorial Education Fund is run in the memory of the wife of Karmveer Bhaurao Patil The annual contributions are offered to the Fund by the past students of the Sanstha Loan scholarships to the extent of Rs. 10,000 are annually rewarded to the poor and deserving pupils taking Higher and Secondary education.

Budget.—The Sanstha started its educational work with one Harijan boy with annual budget of Rs 30 only At present 30,000 pupils are taking education in Primary, Higher and Training branches of the Sanstha and 1,000 teachers are giving instructions The villagers have given the land of 296 acres worth Rs 1,16,523 in donation of the Sanstha The land is cultivated by the pupils and thus problem of self-sufficiency is solved to some extent The Sanstha has built 18 buildings at different centres worth Rs 4 lakhs The Sanstha's annual budget for the year 1953 54 is 15 lakhs of rupees This stupendous expansion of educational work of the Sanstha is the result of the unceasing and selfless work of Karmveer Bhaurao Patil, the inspiring and organising spirit of the Society, the untiring efforts of the selfless Life Members and workers, generous public patronage and the help given by the Government The Society's immediate needs are the buildings of its own for its different institutions

President.—Shri Bapurao Nathajirao Nalavade, B A, LL B, Satara.

Hon Secretary—Ismail Mohamadsaheb Mulla, B A, LL B, Satara

Joint Secretary.—Shankarrao Dyanadevrao Mahadar, B A, B T, D B Ed.

District Superintendent of Police, Sangli, M G Mugwe, B A (Hons), I P S
Civil Surgeon, Civil Hospital Sangli, Dr V N Ashtaputre, M S
Executive Engineer, Kolhapur-Sangli Divn, Dr A S Adke, B E, Ph D (Eng)
Educational Inspector, Y V Javadekar, M A, B T
Deputy Educational Inspector cum Administrative Officer, Sangli, M A M Khan, B A, B T, D P Ed
Income-Tax Officers, Sangli, B S Devasthali, S A Kulkarni, V G Shinde
Sales Tax Officer, Sangli, G R. Deshmukh, L L B
Asstt Registrar of Co-operative Societies, N D Vaidya, B Com, G D C A
District Co-operative Officer, S G Patankar, B A
District Officer for Industrial Co-operatives & Village Industries, P. G Gupte, G D C A
Post Master, Sangli, V S Bapat

NEWSPAPERS & PERIODICALS

Dawn Maharashtra, Marathi Weekly, Sangli
Vijay, Marathi Weekly, Sangli
Hutatma, Marathi Weekly, Sangli
Lok-Neta, Marathi Daily, Miraj
Jyoti, Marathi Daily, Miraj
Maratha, Marathi Weekly, Miraj
Kisan, Marathi Weekly, Miraj
Kirloskar, Stri & Manohar, Marathi Monthlies, Kirloskarwadi
Bharati, Marathi Weekly, Sangli
Udyam-Vikas, Marathi Weekly, ads, Sangli
Vita-Vritta, Marathi Weekly, Vita
Anjan, Marathi Weekly, Jath
Shonit, Marathi Weekly, Jath

DISTRICT INDUSTRIAL CO OPERATIVE ASSOCIATION, SATARA SOUTH, SANGLI

Registered on 17th May 1951

President, B A Daftardar, B A
Vice President, P K Haligali

CHAMBER OF COMMERCE, SANGLI

The Chamber of Commerce, Sangli, was established in 1910, it was registered in 1939 The object is to promote and regulate trade and commerce Membership is open to all merchants Strength, 342

Secretary, V V Atitkar

SATARA SOUTH CONSUMERS' CO-OPERATIVE SOCIETY LTD., SANGLI

Registered on July 16, 1948, Share Capital, Rs 18,000, Working Capital, Rs 70,000, 1949 nett profit, Rs 15,000, Reserve Fund, Rs 4,600, Members, 450

THE DECCAN MANUFACTURERS' ASSOCIATION, MADHAVNAGAR (S M C)

The Deccan Manufacturers' Association came into being in the year 1946 It is a body of the Manufacturers in the tract covered formerly by the Deccan States Now with the merger of these States, the manufacturers in the adjoining area have also joined the Association entitling it to speak on behalf of the Industries in the Deccan The total capital invested in these industries can be roughly estimated at four crores of rupees and the line of articles produced by them range all the way from Textiles, Yarn, Sugar, Gur, Agricultural Implements and Machinery, Glass, Enamelware, Hurricane Lanterns, Soap, Oil, Cement-articles, and Cinemafilms Nearly 30,000 labour is employed in the above industries This Association has been duly recognised by the State and Central Governments

MIRAJ MEDICAL CENTRE, MIRAJ

The Mission Hospital was founded by Dr Wanless in 1894 with accommodation for fifty in-patients. There are specialised departments of General Surgery, Orthopædic surgery, chest-surgery, medicine, infectious diseases, cancer and eye-ear-nose and throat All the money received in India and from abroad is spent entirely for maintenance of the work, *i.e.*, repairs and upkeep, for the medical care of the sick and for the training of Indian Doctors and Nurses

Miraj Medical School.—The Miraj Medical School was started in 1897 with 4 medical apprentices who were given practical teaching in the wards

Nearly a thousand beds and a wealth of clinical material are available for teaching purposes in the Miraj Medical Centre, including the Wanless Tuberculosis Sanatorium

The Nursing School —This was started in 1897 also, with two pupil-nurses, who had only the most meagre educational background In 1930, the School was affiliated with the Bombay Presidency Nursing Association and gives regular training now in all branches of nursing to both men and women.

EDUCATIONAL INSTITUTIONS

GIRLS' HIGH SCHOOL, SANGLI

The Girls' High School is conducted by The Women's Education Society, Sangli. The School was inaugurated on the 28th of Sept. 1935. It provides for the instruction of the courses of the S S C Examination of the Bombay Government and the Entrance Examination of The S N D T Indian Women's University, Bombay Special arrangements are made for the teaching of Drawing and Music The strength of the school is over 450

NEW ENGINEERING COLLEGE, SANGLI

The New Engineering College is situated at a distance of about 2 miles from Sangli, on an extensive area of about 60 acres with a bracing climate It was started in the year 1947, by the Maharashtra Technical Education Society, Poona, to foster technical education in the Southern Maratha Country At present, it is conducting classes for Civil Engineering up to B E Degree (Civil)

The College is fully equipped and has all the required laboratories and workshops to carry out instruction satisfactorily Provision exists to accommodate about 250 students on the College premises Adequate water supply and electricity are available

The College is headed by Principal G R Vartak and is assisted by experienced and competent staff

SANGLI EDUCATION SOCIETY, SANGLI

The Sangli Education Society was established in 1919, after the pattern of the Deccan Education Society with a desire to impart liberal education to the children in the mofussil areas to whom such education was not then available It has now expanded into one of the most prominent educational institutions and has been running six full-fledged High Schools each at Sangli, Tasgaon, Vita, Kirloskarwadi, Miraj and Budhgaon That is to say, it has spread its net-work in most of the towns in the South-Satara (Sangli) District. The last two High Schools (formerly managed by the States) have been entrusted to the care of the Society by the Bombay Government after the full merger of the Deccan States

The Society also runs three model Primary Schools at Sangli, Tasgaon and Kirloskarwadi

The total annual expenditure on all these ventures approximately amounts to Rs 2,55,000 which is being somehow met by fees, grants and munificent contribution of the Kirloskar Iron Works

The Society has two big School buildings at Sangli and property worth over 500,000 rupees

About 4,000 students have been receiving education in all the schools of the Society, which maintains a staff consisting of 175 members

WILLINGDON COLLEGE, SANGLI (S M C)

The Deccan Education Society, Poona, with its aim and object of facilitating and cheapening education, started the Willingdon College in 1919 with a view to serving the needs of higher education in the Southern Maratha Country

The situation of the College is ideal It is a fine rising plot of ground measuring 125 acres lying between Sangli and Miraj, standing on the border-land of Maharashtra and Karnatak An imposing building and extensive playground with open air and bracing climate "far from the madding crowd" make the College an ideal place for higher education for plain living and high thinking It reminds one of the University atmosphere of Oxford and Cambridge

The College is a first-grade and full fledged College affiliated to the newly started Poona University and provides instruction in all major subjects for under-graduate, graduate and post-graduate classes and courses on the arts as well as the science side It has more than 800 students (650 boys and 150 girls) on the roll There is hostel-accommodation on the College premises for about 125 boys and 40 girls The College has a big Library Hall and Reading room and a set of well-built and well equipped laboratories The staff consists of highly qualified and experienced Professors and Lecturers, many of whom have valuable literary or research work to their credit With an eventful history of endeavours and achievements extending over more than 25 years, the College has succeeded in setting up very high standards in studies as well as sports—not a few students every year bagging University prizes and scholarships as well as sports-trophies Among the extra-curricular activities of the College, have to be mentioned the College Parliament, the Debating Union, the Arts Society and the Volunteer Corps

Principal K G Pandit, M A, M L C, during whose regime, the College has been making remarkable progress, has been an experienced and seasoned educationist and administrator—is a Fellow of the University of Bombay and a member of the Court, the Academic Council and the Executive Council of the Poona University

Dr T G Mainkar, M A, Ph D, is the Vice-Principal

Y M M E SOCIETY, SANGLI

The Young Men's Model Education Society, Sangli, was founded in 1939. The Society is conducting a full grade High School

The Society is governed by a constitution under which a Council and a Board of Life-Members look to the working of the Schools of the Society at Sangli.

ASSOCIATIONS & OTHER INSTITUTIONS

Press Owners Association, Sangli
The Journalists' Association, Sangli
The Bar Association, Sangli
The Boy Scouts Association, Sangli
The Girl Guide Association, Sangli
The Medical Association, Sangli
The Medical Association, Miraj
Sub Overseers Association, Sangli
Rotary Club, Sangli
Mahila Club (Women's Club), Sangli
Saraswati Sevika Samaj, Sangli
Kaivalya Dham, Sangli
Tilak Mandir, Sangli
Khare Mandir, Miraj
Journalists Association, Miraj
Press Owners Association, Miraj
Miraj Vidyarthi Sangh, Miraj
Legal Aid Society Sangli

WANLESS TUBERCULOSIS SANATORIUM, WANLESSWADI

(Between Sangli-Miraj)

The Sir William Wanless Tuberculosis Sanatorium was founded in 1929 by the late Sir William Wanless, and the first patient was admitted under the care of Dr G Samuel, the present Medical Superintendent of the Sanatorium In 1931, the Sanatorium was officially opened with the bed strength of 50, and Dr W M G Jones as the Medical Superintendent When Dr Jones left for U S A in 1939, Dr G Samuel took over the charge of the Sanatorium

The Sanatorium is situated in the western Deccan two miles from Miraj, and 160 miles south of Poona on the metre gauge section of the Southern Railway It has its own railway station WANLESS WADI, at the main gate, where also is a post office with telegraph and trunk telephone facilities

The climate is pleasant all the year round, the summer temperature not exceeding 104° with cool evening breezes and the rainfall averages only 18" The various cottages and general wards surrounded by hundreds of shady trees provide accommodation for 372 patients Up to sixty extra beds can be arranged when required

A full line of treatment from A P to thoracoplasty and pneumonectomy, and facilities for latest surgical operations are available for patients of all castes and creeds and poor patients can be admitted free or on concession rates on production of a poverty certificate, as beds are available There are two operation theatres, a surgical block six X ray units including planography, and an up to date laboratory provide for all types of diagnostic and therapeutic service Due to the excellent results obtained many government and private concerns have contracts with this sanatorium for treatment of their workers

THE MIRAJ LEPROSY HOSPITAL

Opened in 1901 by Dr Wanless for 36 patients, the hospital now accommodates 150 Treatment is carried out under direct supervision of the Miraj Medical Centre A pastor living on the premises looks after the general management and welfare of the patients Use of the new drug, D D S, is bringing fresh hope to these unfortunate people A Home started in 1919 provides care for 14 healthy children of leprous parents Dr A G Fletcher is the honorary superintendent

SPORTING CLUBS AND ATHLETIC INSTITUTIONS

Sangli Gymkhana, Shivajinagar, Sangli
The Ambral Gymkhana, Sangli
Tarun Bharat Vyayam Mandal, Sangli
Samarth Vyayam Mandal, Sangli
Balbhim Vyayam Mandal, Sangli
Bhanu Talim, Miraj
Ambabai Talim, Miraj
Jokmanya Krida Mandal, Sangli
Adi Balbhim Vyayam Shala, Sangli

COTTON MILLS

MADHAVNAGAR COTTON MILLS LTD —Spindles 6,000, Managing Agents, The Budhgaon Trading Co, Ltd, Office on Mill premises Mills at Madhavnagar, near Sangli (Southern Rly)

MARATHE TEXTILE MILLS —Spindles 2,796, Agents, B K Marathe & Sons, Office on Mill premises Mill near Railway Station, Miraj

SHREE BALAJI WEAVING MILLS —Spindles 5,140, Looms 100 Jay Narayan Shivnath Ladda (Kavathekar), Owner Office on Mill premises Extension, Sangli

SHRI GAJANAN WEAVING MILLS — Spindles 4,000, Looms 120, Managing Proprietor V R Velankar Office on Mill premises Mills at Sudamapuri, Sangli (S M C)

BANKS

THE SANGLI BANK LTD, SANGLI —HEAD OFFICE Sangli Established in 1916 Paid up Capital Rs 4,50,000 Reserve Fund Rs 5,00,000 Working Capital, one crore

Chairman Collector, Sangli

THE S S DISTRICT CENTRAL CO OPERATIVE BANK LTD, SANGLI —HEAD OFFICE Sangli, Established in 1927, Subscribed Capital Rs 1,84,000, Reserve Fund Rs 1,16,000, Working Capital Rs 15,35,000 *Chairman*, R B Arwade

THE MIRAJ STATE BANK LTD, Miraj (Scheduled Bank) — *Chairman* V P Bedekar B A

THE URBAN CO OPERATIVE BANK LTD, Sangli — *Chairman*, M H Godbole, B A, LL B

THE GOODWILL BANK LTD, Miraj

THE RATNAKAR BANK LTD, Sangli & Kolhapur —*Chairman*, B B Patil, B A, LL B

THE BUDHGAON BANK LTD, Budhgaon

There are also in Sangli City the branches of (1) The Bank of India Ltd, (2) The New Citizen Bank Ltd, (3) The Punjab National Bank Ltd, (4) The Maharashtra Apex Bank Ltd, (5) The Poona Bank Ltd and (6) The Maharashtra Bank Ltd

HOTELS & REST HOUSES

Udupi s Greens, Sangli
Vijay Lodge and Restaurant, Sangli
Gujarath Hindu Lodge, Sangli
Spencer s Hotel, Miraj

TRADES & PROFESSIONS

Bhide & Sons, Engineers, Groundnut Decorticators manufactured, Foundry and Workshop, etc, Shivaji Nagar, Sangli

Chhatre s Photographic Home, Miraj

City Medical & Surgical Stores, Miraj

Dandekar Brothers (Engineers), Sangli (Southern Railway)

The Deccan Engineering Works Ltd, Madhavnagar —Manufacturers of Agricultural implements and machinery, spare parts, Managing Agents Uplekar & Co, Madhavnagar Works, Foundry & Office situated at Madhavnagar (Southern Rly)

Excellent Boarding & Lodging House, Sangli

Gogate Brothers, Electricians and Photographers, Laxmi Market, Miraj

The Goodwill Bank Ltd, Bankers, City Post Office, Miraj

The Goodwill Stores, opp City Post Office, Miraj Prominent Stationery and Provision Stores

Hiralal Badrinarayan, Vakhar Bhag, Sangli

The Home and Commercial Supply Agency, Dealers in Books and Stationery, Perfumery and Oilman Stores, Machinery and Hardware, etc, Sangli and Bellary

The Horticultural Agency (Estd 1930) Dealers in Seeds, Bulbs and Plants Merchants, Sangli and Bellary

Maharashtra Metal & General Mills, Ltd, Sangli

NEW VIJAY INDUSTRIES LTD, P O. Vishrambag (Sangli, Satara, South) Manufacturers of Agricultural Implements, Centrifugal Pumps and Deep-Well Hand Pumps and Foot Valves

Prakash Printing Press, Sangli

Southern Stationery Stores, Laxmi Market, Miraj Specialists in Stationery, Cutlery, Provisions, and Presentation Articles.

V G Limaye's Art Studio, Sangli Photographer & Artist

THE
UGAR SUGAR WORKS LTD.

SANGLI (S.M.C.)

(Estd. 1939)

Factory is situated at Ugar-Khurd, a small Village on the left Bank of River Krishna

Transport facilities are easy as the Factory is only a mile away from the Railway Station Ugar-Khurd, on Southern Rly on Miraj-Belgaum main line

Factory has got its own estate for sugar-cane, grown by lift irrigation

Factory of 500 tons capacity was started in 1942 Produces white crystal sugar

The Factory produced about 6,000 tons of sugar in 1952-53

Recovery percentage is comparatively high

Controlled and most efficiently managed by

Messrs. SHIRGAOKAR BROTHERS

the Managing Agents of the Company

SATARA SOUTH DISTRICT CENTRAL CO-OPERATIVE BANK, LTD., SANGLI

(Formerly The Sangli State Central Co-operative Bank, Ltd, Sangli)

Estd 1927

Head Office. **High School Road, SANGLI**

Branches **(1) JATH, (2) MIRAJ and (3) TASGAON**

Authorised Capital	Rs 10,00,000
Subscribed Capital	Rs 3,03,450
Paid-up Capital	Rs 2,73,500
Reserves	Rs 1,70,900
Working Capital	Rs 32,41,000

BOARD OF DIRECTORS

R B Arwade, B A, LL B, *Chairman*
Mr V P Powar, B A, LL B, M P, *Vice Chairman*
Mr M H. Godbole, B A, LL B, M L C
Mr K A Chougule, B A, LL B.
Mr G K Mogali, B A
Mr. B A. Daftardar, B A
Mr V. B Deshmukh
Mr D B Suryavanshi, M L A
Mr. H. M Patil
Mr S A. Patil
Mr J V. Karmarkar
Mr M. V Charankar
Mr H B Patil
Mr. A N. Khanvilkar
The Asstt Registrar, C S, Sangli

BUSINESS :

Loans for Agricultural purposes allowed to Societies
Fixed, Current & Savings Deposits accepted
Every kind of Banking Business Transacted

S P SURVE, *Manager*

THE SANGLI BANK LTD.

(ESTD. 1916) **(SCHEDULED BANK)**

(Started under the Patronage of the Government of H H the Rajasaheb of Sangli in Sangli. Liability of members limited)

Head Office **SANGLI**

Authorised Capital	Rs. 10,00,000
Issued & Subscribed Capital..	Rs. 6,00,000
Paid-up	Rs. 4,50,000
Reserve and other Funds	Rs. 5,00,000
Working Capital	Above Rs. One Crore

BRANCHES

BOMBAY · SHAHAPUR · TERDAL
SHIRHATTI · KARAD · MAGALWEDHE
RABAKAVI · UGAR · KAVATHE
WILLINGDON COLLEGE, ICHALKARANJI

Every Type of Banking Business Transacted ● ***Safe Deposit Vaults at Head Office***

BOARD OF DIRECTORS

Shri R. V DESHMUKH, B A., B. Litt. (Oxon.), *Chairman* (Collector, Satara South); Shri N. R. SHAH; Shri PURUSHOTTAM GOKULDAS; Shri B. A. ARWADE; Shri G. B. ARWADE; Shri M. R. JADHAV; Shri T. S ARWADE; Shri M. K GUPTE, M.A., C.A.I.I.B., *Manager*.

SHOLAPUR DISTRICT

Headquarters Sholapur

Talukas Sholapur South, Sholapur North, Barsi, Pandharpur, Sangola, Malshiras, Karmala, Akalkot, Mangalwedha, Mohol

Sholapur District is bounded on the north by Ahmednagar District, on the east by Hyderabad State, on the south by Bijapur District and on the west by Satara North and Poona Districts Sholapur is generally flat and undulating Most of the surface rolls in long low uplands separated by hollows, with an occasional level The shallow soiled uplands are suitable for pasture and the deep soiled lowlands, under careful tillage, yield rich crops From time to time the District suffers severely from drought, to which its situation and the treeless surface of the country expose it The Indian Council of Agricultural Research, therefore, opened at Mulegaon, a village about 4 miles to the east of Sholapur, a Dry Farming Research Station and after about 10 years research and experiments on jowar, which is the staple food of this District, recommended what is known as the Bombay Dry Farming Method Subsequently the Government of Bombay took over the research work in the year 1943, and since then it has been busy tackling the problems of soil and moisture conservation and the reclamation of other intractable soils not amenable to ordinary known practices Bunding, strip-cropping and other methods of soil preservation and moisture conservation recommended by the Station authorities have been found beneficial

Sholapur town, the headquarters of the District, is a station on the Central Railway It has a fine old fort and a travellers' bungalow The languages spoken are mainly Marathi and also Telugu and Kannada

The population of the District according to 1951 census is 1,505,316 Its agricultural revenue is Rs 25,03,855 and non-agricultural revenue Rs 58,757 Area 5,682 sq miles

OFFICIALS

Collector and District Magistrate, G L Sheth, I C S

District and Sessions Judge, V B Raju, I C S

District Superintendent of Police, M S Heble

District Engineer (P W D), S V Lonkar

Civil Surgeon, Dr V N Ambekar

Health Officer, Dr V N Rao

Income Tax Officer, N D Kumthekar

Agricultural Officer, R Y Pawar

Educational Inspector, V B Desai

Asstt Registrar of Co-operative Societies, D V Parulekar

Employment Exchange Officer, P A Gomes.

Treasury Officer and Huzur Deputy Collector, C B Purandare

NATIONAL SPIRITUAL ASSEMBLY OF THE BAHA'IS OF INDIA, PAKISTAN & BURMA

Post Box 39, Vasant Villas, Near G P O, Station Road, Sholapur

Administering the religious affairs of 94 local Baha'is of India, Pakistan & Burma

Objects To establish universal peace and the oneness of mankind, in co operation with fellow Baha'is in 100 other countries through the spiritual principles of the world religion proclaimed by Baha'u'llah in 1863

EDUCATIONAL INSTITUTIONS

DAYANAND ANGLO-VEDIC COLLEGE, SHOLAPUR

The College was founded in 1940 by the D A V College Society, Jullundur It is affiliated up to Ph D in the Arts Faculty and up to B Sc in the Science Faculty The College building stands outside the city and comprises the Rathi Arts Block and the Science Block and the Dayanand Hostel It has 770 students on its rolls at present and 34 professors and lecturers Research work is being carried on in History and Politics A large number of stipends and free studentships are available for the able students of all communities *Principal* Sri Ram Sharma

DAYANAND COLLEGE OF COMMERCE, SHOLAPUR

The College was founded in 1952 by the D A V College Society, Jullundur It is affiliated upto B Com It has 158 students on its rolls and 14 professors and lecturers

Principal T B Narasimhachari

BENEVOLENT INSTITUTIONS

WASSOODEW BABAJEE NOWRUNGAY ORPHANAGE AND FOUNDLING ASYLUM, PANDHARPUR

The Orphanage and Foundling Home was founded in 1875 by the late Lalshankar Umiashankar Trivedi The institution is managed by the Bombay Prarthana Samaj There is a maternity home for widows in trouble and also a home for homeless women The Government of Bombay has passed rules to remit the sentences of widows convicted of infanticide and send them to this Home A new spacious building, at a cost of Rs 1,10,000 has now been built on the old site to which Mrs Ramabai Nowrungay contributed Rs 30,000 The Orphanage is now named after her father in law the late Wassoodew Babajee Nowrungay

V S Javere is the Superintendent of the Orphanage and Foundling Home He is assisted in his work by a qualified Medical Officer, a matron, midwife and nurses and a full staff of servants

The annual expenditure is more than Rs 80,000 Secretary's Office —Prarthana Samaj, Girgaum, Bombay

COTTON MILLS

BARSI SPINNING & WEAVING MILLS LTD, Spindles 10,900, Looms 271, Managing Agents Desai Sons & Co, Office on Mill premises Mills at Barsi Town, Sholapur District

JAMSHRI RANJITSINGHJI SPG & WVG MILLS CO, LTD, Spindles 20,820, Looms 511, Agents Lalji Naranji & Co, 11, Bank Street, Fort, Bombay Mills at Sholapur

LAKSHMI COTTON MFG CO, LTD, Spindles 45,252, Looms 1,299, Agents The Bombay Co, Ltd, 9, Wallace Street, Fort, Bombay Mills at Sholapur

LOKAMANYA MILLS (BARSI), LTD, Spindles 12,664, Managing Agents Sulakhe & Co Office on Mill premises Mills at Barsi Town

NARSINGGIRJI MFG CO, LTD, Spindles 55,488, Looms 1,170 Agent Dhanrajgir Raja Narsinggirji Office on Mill premises Mills at Station Road, Sholapur

SHOLAPUR SPG & WVG CO, LTD, Spindles 79,332, Looms 2,233, Mills at Station Road, Sholapur

TIKEKAR TEXTILE MILL LTD, Looms 60, Agents Naik & Co, Office on Mill premises Mills at Tikekarwadi.

VISHNU COTTON MILL, LTD, Spindles 44,600, Looms 1,433, Agents The Bombay Co, Ltd, 9, Wallace Street, Fort, Bombay Mills at Sholapur

NEWSPAPERS & PERIODICALS

"BANDHAV"—Weekly—Marathi

"DIVYASHAKTI"—Daily—Marathi

"GOPHAN"—Weekly—Marathi

"HINDU"—Weekly—Marathi

"KALPATARU ANANDVRITTA."—Weekly—Marathi

"KARMAYOGI"—Weekly—Marathi

"LINGAYAT GAZETTE"—Fortnightly—English

"LOKASEVA"—Weekly—Marathi

"PADMASHALI"—Monthly—Telugu-Marathi

"SHOLAPUR SAMACHAR"—Daily & Weekly—Marathi

"SUDARSHAN"—Daily & Weekly—Marathi

"SURAJYA"—Weekly—Marathi

"VEERSHAIV GARJANA"—Weekly—Marathi

PRINTING PRESSES

Laxmi Vijay Press, Samachar Press; Kalpataru Press, Arunoday Press; Vishnu Vijay Press; Basavpratap Press, Shivasharan Press, Arya Printing Press, Patron Press, Kalpakala Press.

TRADES AND PROFESSIONS

The **Bank of India Ltd**, 904, Chatti Galli, P O Box No 12, Sholapur
Basri Dal Manufacturing Co, Ltd, Barsi Town, District Sholapur
Barsi Industrial & Pharmaceutical Co, Ltd, Barsi Town, District Sholapur
Barsi Merchants' Association, Sholapur *President* M M Ghadke
Bhagwat S P Motion Picture Exhibitors, Sholapur
Bharat Bidi Works, Sholapur
Central Bank of India Ltd, Barsi, B L Railway, Sholapur District
Chandmal Jawanmol Munot, 65, Sakharpeth, Sholapur
Dattatraya Vishwanath Sulakhe, Barsi Town, Sholapur
District Central Co-operative Bank, Sholapur
Gore Govind Sakharam, Grocery & Commission Agent, Sholapur
G P Nilakhe, Somwar Peth, Barsi Town, District Sholapur
Gujarat Oil Mills, Sholapur
Imperial Bank of India, Sholapur
Kothari, A B, Petrol & Lubricating Oil Merchant, Sholapur
Lalchand Vora & Sons, Chemists & Druggists, Sholapur
Laxmi Bank, Sholapur
N A Abdulfurkar, Cloth Merchant, Sholapur
Nagarwala & Sons, P A, Station Road, Sholapur, Oils, Fuels, Insurance Agents and General Merchants
Nagarwala & Sons, Wine, Provision, Fancy Articles and General Merchants, Sholapur
Narsi Padamsi & Co, Barsi Town, District Sholapur
Parandekar Bros, Motor Transport, Sholapur
Patne Sidramppa, Iron & Hardware Merchant, Sholapur
Rathi Ramnarayan Rajmul, Yarn & Cloth Merchant, Sholapur
R S Devane & Co, Devane Building, Somwar Peth
SASWAD MALI SUGAR FACTORY, LTD., THE, Malinagar, Dist. Sholapur.
Sholapur Co-operative Stores, Ltd, Wine, Provision and General Merchants, Sholapur
Vairag Oil Mills, Vairag, District, Sholapur
Vijay Engineering & Machinery Co, Murarji Peth, Sholapur

THE JAYASHANKAR MILLS BARSI, LTD.

Head Office

BARSI, District **Sholapur.**

Manufacturers of Cotton Grey Yarns from 6's to 30's

Agents :

ZADBUKE & CO.

Telegraphic Address **"JAYSHANKAR", BARSI**

*

SURAT DISTRICT

Headquarters Surat

Sub Divisions Surat, Navsari, Bulsar, Vyara

Talukas and Mahals Chorasi, Olpad, Bardoli, Mandvi, Bulsar, Chikhli Pardi, Dharampur, Bansda, Navsari, Palsana, Kamrej, Mangrol, Mahuva, Vyara, Songadh, Valod and Gandevi

Surat District lies between North Latitude 20°15 and 21°28' and East Longitude 72°38 and 73°31 Following the merger of Baroda State into Bombay State the whole district of Navsari, formerly part of Baroda, was incorporated into the Surat District The former States of Dharampur, Bansda and Sachin were also added to the District with the result that the area and population of the District were more than doubled Surat District is bounded on the north by Broach District, on the east by West Khandesh, Dangs and Nasik Districts on the south by Thana District and the Portuguese territory of Daman, and on the west by the Arabian Sea The present area of the District is 4 499 square miles and the population according to 1951 census 1,827,842 The majority of the population in Bansda and Dharampur and several Talukas, particularly those having jungle areas of the former Navsari District belongs to backward classes called Raniparaj, Chodhra, Dhodia and Dubla The language spoken is Gujarati

Surat District consists of a wide alluvial plain, stretching between the Lang Hills and the coast, from the Kim river on the north to Damanganga on the south—a distance of about 80 miles Much of the soil is rich, but the western border of the District consists of less fertile lands With the inclusion of the former Navsari District and the States of Bansda, Sachin and Dharampur into the District, it has acquired a very valuable and wide forest area

Surat, the chief city and administrative headquarters, is situated on the south bank of the river Tapti 10 miles from the sea Its population according to 1951 census is 223,182 During the 17th and 18th centuries Surat ranked as the chief export and import centre of India After the assumption of the entire government by the British in 1800, prosperity which had deserted the town towards the end of the previous century reappeared, but the steady transfer of trade to Bombay combined with the famine in 1813 in northern Gujarat continued to undermine its commercial importance Though overshadowed by Bombay, it is once again the centre of brisk trade

Besides being noteworthy historically, Surat is one of the principal centres for handicrafts in the State Nearly half the population of the city depends on handicrafts Jari work, laces, silk and jari brocades, embroidery, ivory and sandalwood, inlay work of *varakh nakashi* and ivory bangles are the major handicrafts for which Surat is still famous not only throughout India but even outside India Hitherto France was the main competitor of the Surat jari work and laces but the Second World War has put an end to French competition and the town has now a monopoly of the trade Gold thread produced here is exported to many countries Cotton and art silk weaving is another major industry which received an impetus during the War The taluka of Olpad is famous for its knives and nutcrackers, while Bulsar is well known for its silver engraving work

OFFICIALS

Collector and District Magistrate, N G Saswadkar

District Agricultural Officer, A F Patel

Assistant Registrar, Co operative Societies, M V Patel

District Co operative Officer, I D Patel

Executive Engineer, M D Patel

Sub divisional Forest Officer, Surat, M A Rachid

Sub divisional Forest Officer, Vyara, G L Divekar

District Health Officer, R A Gandhi

District Medical Officer, V D Virkar

Sales Tax Officers Y M Desai (*District*), V S Deshpande (*City*), D C Kachhi (*City*)

District and Sessions Judge, C G Bhatt

Assistant District and Sessions Judge, R R Desai

District Superintendent of Police, S G Gokhale

Inspecting Asstt Commissioner of Income tax, Surat Range, P S Viswanathan

Asstt Collector of Sales Tax, Northern Circle, Range II, Surat, V H Gore, B Sc, A C A

Inspector of Schools, M M Shukla

Assistant Custodian, Evacuee Properties, K A Vyas

District Scout Commissioner, B J G Shastri

Assistant District Scout Commissioners, M J Gheyara, G C Vakil.

INSTITUTIONS

Mahila Vidhyalay Mandal *President* Dewan Bahadur B J G Shastri

Peoples Education Society *President* Dr M K Dixit

Sarvajanik Education Society *Chairman* Lalitmohan C Gandhi

Seva Mandal *President* Dewan Bahadur C M Gandhi

Surat Central Co operative Wholesale Society, Ltd Bhagatalao, Surat, (Apex body of Consumers Co operative Stores in the city) *President* Ranchhoddas J Popawala, B A, *Vice President* Kangildas G Gandhi B A LL B

The Surat District Co operative Purchase and Sale Union Ltd, Kelapith, Surat

President N V Choksi

Chairman L H Patel

Union s principal objects are to supply the agricultural and other requirements of farmers, co operative bodies and of individual consumer-members and non-members, and to sell their produce on co-operative basis

Surat Vankar Sahakari Sangh, Ltd *President* Shree Nagindas H Kharwar, *Vice President* Shree Udyaram Ambaram

The Surat Weavers Co operative Producers Society, Ltd, 22-23, Reshamwala Building, Buranpuri Bhagol, Surat *President* Shantilal C Vakharia

Union Education Society *President*, Dewan Bahadur N M Jhaveri

The Surat District Industrial Co operative Association Ltd *President* K N Desai *Vice President* R J Popawala

Surat Chamber of Commerce *President* V D Jariwala, *Vice President* C V Reshamwala

Shri Tapi Brahmacharyashram Sabha *President* R J Popawala

THE SURAT CHAMBER OF COMMERCE

Safe Deposit Chambers, Surat

The Chamber was started in January, 1941 with the object of encouraging friendly relations and unity among business men and industries of Surat City and the District and to help stabilize existing industries, and encourage new ventures

The Chamber was recognised by the Government of India in the year 1946 Membership is open to any person, firm or association doing business in Surat City or District interested in trade or industry The present strength is 446 The Chamber publishes a quarterly journal and maintains a library and reading room

Secretary C L Shah

THE SURAT JARI GOODS PRODUCERS CO OPERATIVE SOCIETY, LTD

Dabgarvad Topigull, Aali Mansion, Surat

Importers of electrolytic copper wire, acids, cotton, silk and art silk yarn, gilding chemicals, to assist jari industry (gold and silver thread industry) Exporters of jari benarasi sarees brocades, gold thread, borders and other jari products The society has a strength of 626 members The office bearers are as follows — Seth Hiralal Ranchhoddas Jariwala *President*, Seth Prabhudas Bhaichand Jariwala, *Vice President*, Seth Navnitlal Dayaram, *Hon Secretary*

EDUCATIONAL INSTITUTIONS

Primary Teachers Training College

Basic Training College, Katargam

Ayurvedic College

F S Pareekh Technical Institute

Parsi Technical Institute

Jeevan Bharati

Cambay Institute of Commerce

Popular School of Commerce

Smart School of Commerce

Shorthand and Commercial Institute

LOCAL SPIRITUAL ASSEMBLY OF THE BAHA IS OF SURAT

C/o Miss S Vakil, Makanvalia Building, Nanpura, Surat

Administering the religious affairs of 94 local Baha is centres in India, Pakistan & Burma

Objects To establish universal peace and the oneness of man kind, in co-operation with fellow Baha is in 100 other countries through the spiritual principles of the world religion proclaimed by Baha u llah in 1863

F S PAREKH TECHNICAL INSTITUTE SURAT

The Institute was established in 1862 63, and was run under the control of a Committee, presided over by the District Magistrate In 1876, the Surat Municipality took over the management of the Institute.

The Institute imparts instruction in Mechanical & Automobile Engineering Courses, Carpentry, Hand Made Paper Making, Wiremens, Mechanical and Automobile Apprenticeships The Institute is recognised by the Department of Technical Education, Bombay for the purpose of Examinations, Inspections and Grant-in aid

PETLAD COLLEGE
PETLAD

This College was started by the Petlad Education Trust in June 1946, a body which owes its origin to a munificent donation of Rs 1 50 000 made by Rajmitra Datar Sheth Ramanlal Keshavlal Parikh, brother of the late Rajratna Sheth Naranbhai Keshavlal Parikh Rajmitra B D Amin, Governing Director of the Alembic Chemical Works, Baroda and Bhimaklal N Dixit of Petlad have also donated Rs 50 000 each The College has extensive grounds and maintains well equipped laboratories

MAGANLAL THAKORDAS BALMUKUNDDAS COLLEGE
SURAT

The Maganlal Thakordas Balmukunddas College was started in 1918 and was known at first as the 'Sarvajanik College It was later renamed after Mr Maganlal Thakordas Modi, LCE, CIE, in recognition of his munificent donation of Rs 2 lakhs to the College

The College at first provided courses for the B A and M A degrees but from 1935 it has provided courses for B Sc and M Sc degrees also Research students for Ph D in Gujarati and Chemistry are also admitted

The main College building was built at a cost of about Rs 1 79,000 in 1920 and a Science building was added in 1935 at a cost of about Rs 2,67,000 of which Rs 1 58 000 were donated by the Trustees of the late Mr Ranchhoddas T Modi A spacious library building was added in 1938 at a cost of Rs 60,000 donated by Sir Kikabhai Premchand, Kt The total cost of the buildings including Hostels, Principal's bungalow and bungalows for three Professors is about Rs 11 lakhs

The College has Hostel accommodation for 246 students mostly in single rooms

Principal K L Desai MA LLB (Bom), BA (Cantab)

SARVAJANIK EDUCATION SOCIETY
SURAT

The object of the Society is to spread education by making it cheap and easily accessible and to establish, take over or affiliate for this purpose educational institutions such as colleges and schools at suitable places The Society's assets are worth Rs 35,18,251 of which buildings and the other dead stock amount to over Rs 22,07,190

President Sir Kikabhai Premchand, *Vice Presidents* Diwan Bahadur P J Palyerkhan, Diwan Bahadur Natverlal Motilal Jhaveri, Dr Champaklal Jekisondas Ghia and Hariprasad Manchhubhai Choksi, *Secretary* Prof Vishvanath Krishna Nimkar

The society manages three colleges, four high schools, two middle schools and an instititute for higher learning and research

SARVAJANIK LAW COLLEGE
SURAT

The Sarvajanik Law College was started in 1935 by the Sarvajanik Education Society with a view to imparting legal education to the students of Southern Gujarat The College has an up-to-date library and resident students are provided with accommodation in the M T B College Hostels

Principal—T K Modi

SIR KIKABHAI PREMCHAND COLLEGE OF COMMERCE
SURAT

This College owes its existence to the munificent donation of Sir Kikabhai Premchand It was inaugurated by Mr B G Kher, then Prime Minister of Bombay and the foundation stone was laid by the Governor of Bombay The College is affiliated to the University of Gujarat for teaching M Com courses and is under the management of Sarvajanik Education Society, Surat Hostel accommodation is for 53 students

Offg Principal, R N Bhatt

SHREE VITHALDAS THAKORDAS HINDU GURUKUL
SURAT

This is an institution founded for the religious education of Hindus from a donation of Rs 5 lakhs left for the purpose by the late Seth Vithaldas Thakordas Choksy of Surat, by will Itaims at co ordinating

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Phone 307

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Phone 338

Indian and Occidental learning and Hindu religion It runs a High School and a Sanskrit Vidyalaya It is governed by three Trustees, Mangaldas Karidas Choksy, Bajubhai Maganlal Choksy, Trikamdas Dwarkadas of Bombay, and a local Committee of three members, of which Seth Hiralal Maganlal Choksy is President.

Principal —K I Shukla

HOSPITALS

Civil Hospital
Hindu Charitable Hospital & Maternity Home
Sonawala Hospital
Shantaben's Maternity Home
Maskati Hospital
Shri Ratan Kuverba Hospital, Bansda
Lady Wilson Hospital for Women and Children, Bansda
Dinath Maternity Hospital for Muslims
Lakhpati Maternity Home
Parsi General Hospital and Maternity Home
Morarbhai Vijbhukandas Malvi Hospital for Women and Children
T B Hospital and Lady Wilson Leprosy Clinic
Ayurvedic Hospital, Surat

BENEVOLENT INSTITUTIONS

Lady Willingdon Asaktashram
Parsi Panchayat
Nagrik Mandal
Hindu Charity Fund
Anath Mahajan Balashram

CLUBS

Rotary Club
Surat Tennis Club
Merchants Club
Union Gymkhana
Shri Digvir Club, Bansda

HOTELS, REST HOUSES

Hotel Supreme
Savoy Hotel
Jaya Bharat Hindu Lodging and Boarding House
Ukadji Dharmashala for Parsis
Government Rest House
P W D Guest House
Evergreen Lodging and Boarding House

NEWSPAPERS & PERIODICALS

'Gujerat' (Daily)—Gujarati *Editor*—R C Desai
Gujeratmitra & Gujeratdarpan" (Daily except Mondays and Weekly on Mondays)—Gujarati *Editor*—Pravinkant U Reshamwala
"Pratap" (Daily), Gujarati *Editor*—K. K Shelat
"Muslim Gujerat" (Weekly), Gujarati *Editor*—"Munadi"
"Imarti Lakkad Samachar" (Fortnightly), Gujarati
"Jain Mitra" (Weekly), Hindi
"Samisanj" (Daily)—Gujarati *Editor*—Maganlal Vanmalidas

SPINNING & WVG MILLS

NIRANJAN MILLS, LTD (formerly Tikayaram Mills)—Spindles 8,044, Looms 320 *Agents* Shapurji & Co Office on Mill premises Mills at Surat

SURAT COTTON SPG & WVG MILLS, LTD —Spindles 21,464, Looms 392 Managing Director Navinchandra Mafatlal Office 29, Vir Nariman Street, Fort, Bombay Mills at Surat

SURAT TEXTILE MILLS LTD —Spindles 10,000, Looms 2,000 *Agents* Kanchanlal Kapadia & Co, Ltd Office on Mill premises Mills at Varachha Road, Surat

BANKS

Bank of Baroda, Ltd
Bank of India, Ltd
Calcutta National Bank Ltd
Central Bank of India, Ltd
Dena Bank, Ltd
Imperial Bank of India
National Savings Bank Ltd
Punjab National Bank Ltd
Southern Gujarat Industrial Co-operative Bank Ltd
Surat Banking Corporation, Ltd, Surat
Surat District Co operative Bank, Ltd, Surat
Surat Peoples' Co-operative Bank, Ltd, Surat
United Commercial Bank, Ltd
Union Bank of India Ltd

SHARE-BROKERS

A H Moochhala, Surat
Babubhai Hiralal & Co, Surat
Chaitanyalal & Co, Surat
Champaklal Bhaidas Kapadia, Surat
Choksi, Hiralal M
D K Choksi, Surat
J Pillani & Co, Surat
Kantilal Amichand & Co, Surat
Master & Toorava, Surat
M K Choksi, Surat
M T Choksi, Surat
R V Khandwala & Sons, Surat
Saraiya & Co, Surat
Shroff Brothers, Surat

TRADES & PROFESSIONS

A G Shahuna Sandalwood and Snuff Box Merchant, Surat
Atmaram & Bros, Gopipura, Surat
Atmaram Manekial, Cotton Commission Agent, Surat
A M Shah, Cotton and Seed Merchant, Surat
Amritlal Sanmukhlal, Cloth Merchant, Surat
Arvind Ramji & Brothers, Salabatpura, Khangad Sheri, Surat Manufacturers, Dealers and Exporters of silk, art silk and cotton piece goods
ATMARAM & BROS JARIWALA, Gopipura, Motichhipwad, Surat (India) Manufacturing and Dealing in: Real and Imitation Jari, Ladies Bags, Purses, Belts, Cigar Cases, Cushion, Covers, Badges and all kinds of Jari Articles and Goods, etc
B V Patel & Co, Cloth Merchants, Surat
Bhukhandas Nathubhai Gotawala, Salabatpura, Sidhi Sheri, Surat Manufacturer and dealer in all kinds of real and imitation jari goods, laces, borders
Bodiwala Bros (Estd 1919), Hosiery Manufacturers' Representatives, Exporters & Wholesale Dealers, Buranpuri Bhagol, opp Pari Sheri, Surat

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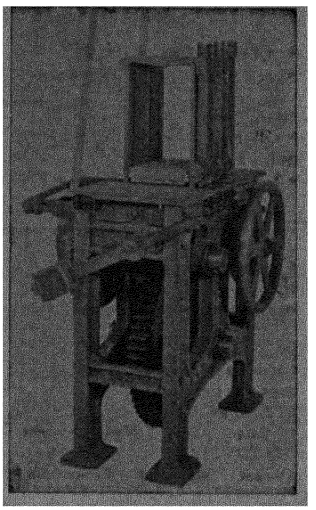

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Chhotubhai Dahyabhai, Cloth Merchant, Surat

Chunilal Motiram, Cotton Merchant, Surat

Dhanraj J Parmar, Motor Agent Surat

Dhanamal Silk Mills Varachha Road, Surat

Dhirajlal G Veragiwala Cloth Merchant Surat

DINSHAW & CO (Estd 1898), Prop Bhathena Bros , Machlipith, Surat

D P Madan & Co , Chemist and Druggist Surat

Fakirchand Surajmal Shah, Cotton Commission Agent, Surat

Farmers Co operative Cotton Ginning and Pressing Society, Ltd , Surat

Fancy Yarn Manufacturing Co , Manufacturers of Fancy and Folded Yarns Varachha Road Surat

Financing and Accounting Agency, Surat

Ghiewala Optical House, Direct Importers and Wholesale Opticians, Mahatma Gandhi Road Surat

Gujerat Co operative Cotton Ginning and Pressing Society Union, Ltd , Surat

Gujerat Co operative Cotton Sale Society Ltd , Surat

GUJERAT INVESTMENT TRUST, LTD , Surat

Hajoori & Sons Surat

Hathiwala Weaving Mills Silk and Cotton Cloth Manufacturers and Exporters Begumpura, Surat

Hathiwala Textile Mills, Begumpura, Surat Cloth Manufacturers and Exporters

Hathiwala Silk Mills Begumpura Surat

Hind Bobbins & Industries, Ltd , Kamala Nehru Road, Bulsar, Surat.

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Jamnadas Chunilal, Cotton Commission Agent, Surat

K MOTILAL & CO , Yarn & Cloth Merchants, Varachha Road, Surat Branch : 141, Princess Street, Bombay 2. Phone : 26170

Kashiram Jagdish, Salabatpura, Khangad Sheri, Surat

KINKHABWALA, NATHABHAI KARSANDAS, Navapura Golwad, Vachali Sheri, Surat

Keshavsha Ramsha, Jari Merchant, Surat

Kohinoor Woollen and Silk Mills, Surat

Laxmi Oil Mills, behind Telegraph Office, Surat

Mehta, Upendra R , Electrical & Radio Engineer, Hawadia Chakla, Surat

Mohanlal Vallabharam Bunki, Proprietor of Bunki Silk and Cotton Mills, Zunda Street, Surat Textile Manufacturer, Exporter and Importer

Mohmedbhai E Badri, Cinema Industrialist, Surat

National Fancy Yarn Mills, Surat

Natverlal Vepari & Co , Registered Accountants and Auditors, Surat

Noor Mohmed Dosa, General Merchant, Surat

Noormohmed Fajalbhai Cloth Merchant, Surat

Omega Opticals, Opticians, Limda Chowk Surat

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Prabhudas Gangadas Reshamwala Manufactures & Dealers of Silk, Rampura Road, Surat

RAJNIKANT C PARIKH, 6/1931, Jadakhadi, Surat (India) Textile Expert

Ramdas Prabhuram Kachiwala, Salabatpura, Khangad Sheri, Surat Manufacturers, Dealers and Exporters of Silk and Cotton Piecegoods, Laces, Borders, etc

Shree Surat Nagrik Mandal, 1969, Limda Chowk, Surat *President* Lalitmohan C Gandhi, B A , LL B *Secretary* Bankulal B Kapadia

Surat District Co op Medical Stores, Ltd , Surat

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C H Eastland, Assistant Chief Engineer and Manager
G B Mankar, Station Superintendent
N H Wadia, Assoc A I E E , Mains Engineer
J T Modi, B Sc (Eng), A M I E E , Assistant Engineer
B M Desai, B Sc (Eng), Assistant Engineer
Central Administration Department · "Electricity House," Santa Cruz (East), Post Box No 6802, Bombay 25

Surat Ginning & Pressing Factory, Surat

Surat Hosiery Works, Surat

Surat Medical Stores, Surat

Surat Silk Goods Mills, Surat

Surat Yarn Exchange Co , Buranpuri Bhagal, Surat

Swastik Machinist, Limited, Varachha Road, Surat

THANA DISTRICT

Headquarters Thana.

Talukas and Mahals Thana, Kalyan, Bhiwandi, Shahapur, Murbad, Wada, Jawhar, Borivli, Bassein, Palghar, Dahanu, Umbergaon, Mokhada

Thana District lies between North Latitude 18°53′ and 20°22′, and East Longitude 72°39′ and 73°48′. It is bounded on the north by the Portuguese territory of Daman and Surat District, on the east by the Districts of Nasik, Ahmednagar and Poona, on the south by Greater Bombay, and on the west by the Arabian Sea Forty-seven villages from the former Bombay Suburban District were originally merged with the Thana District Later, the area from Sion to Bhandup on the Central Railway and the area from Bandra to Jogeshwari on the Western Railway were merged with Greater Bombay The population according to 1951 census is 1,518,050 The languages spoken are Marathi, Gujarati and Urdu The Christians of Salsette and Bassein, a very numerous community, are the descendants of the converts of St Francis Xavier

Area 3,895 sq miles

Thana consists of a distinct strip of low land, intersected by hilly tracts rising to an elevation of from 100 to 2,500 feet Along the whole line of the coast the soil is fertile, and the villages are exceedingly populous In the north east the hills are covered with wood, and the valleys are but partially cultivated The villages are seldom more than scattered groups of huts, and the population consists mainly of uncivilised aboriginal tribes, many of whom still wander from place to place as they find water or to suit their fancy Inland the District is well watered and well wooded Elsewhere than in the north east, the country consists of a series of flat low lying rice tracts, broken by well marked ranges of hills

Thana District is fast developing into a prominent industrial area Hundreds of acres of land are being converted into sites for factories Scores of factories have already been set up particularly along the railway track and the Bombay-Agra and Bombay Poona Roads In Thana Taluka Mulund village on the Thana Bombay section of the Central Railway has been developed into a modern suburb with all the usual amenities

Bhiwandi, a Taluka town nine miles from Thana situated on the Bombay Agra Road is noted for handloom fabrics and the 'Bhiwandi' variety of Indian saris is very popular among Deccani women The town is mostly inhabited by Momins and in some parts of the town every house has a spinning wheel Bhiwandi Taluka is also famous for its timber and charcoal trade, the latter having its centre in Shahapur a small town in the Taluka

Kalyan the biggest and the most thickly populated town in the District, is 34 miles from Bombay and is a junction on the Central Railway's north east and south-east sections Ulhasnagar' the largest refugee township in Bombay State is situated in Thana District two miles from Kalyan near the Ulhas River The township is designed to accommodate 90,000 people There are four other refugee camps in Thana District—at Powai, Virar, Mulund, and Kolshet respectively

The main produce of the District is rice which is of superior Kolamb variety

Dahanu, Bassein and Umbergaon, the three Talukas are specially famous for fruit gardens and the bulk of Bombay's fruit supply comes from these areas Bassein plantains and betel leaves are very much in demand

At Thana, Bhyandar and Belapur there are extensive salt works

The chief articles of export from Thana District are paddy, rice, vegetables, salt, betel leaves, plantains, bricks, grass, firewood, charcoal, lime, fish fresh or dried, timber, coconuts, mangoes, flowers, saris, handloom fabrics, woollen cloth and milk

Tansa and Vihar lakes and the Vaitarna river which are the main sources of Bombay's water supply are situated in Thana District and are connected with Bombay by a special trolly line

The Thana District Prison is one of the major prisons in the State and there is also a mental hospital on the outskirts of Thana town

There are travellers' bungalows in every town in the District

Thana, the chief town, 21 miles north of Bombay, is as already mentioned a station on the Central Railway The fort, the Portuguese Cathedral, a few carved and inscribed stones, and several reservoirs are now the only signs that Thana was once an important city There is a good travellers bungalow in the town Bassein, on the Western Railway, contains the famous ruins of the ancient Portuguese dominion in Salsette

OFFICIALS

Collector and District Magistrate, D J Madan
District Superintendent of Police, N Y Deulkar
District and Sessions Judge, N S Shrikhande
Civil Surgeon, Dr F G DeSouza
District Agricultural Officer R S Dubhasi
Assistant Registrar of Co operative Societies, V J Phadke
Executive Engineer, G S Padwal
District Forest Officer, P M Tuggarse
District Health Officer, S R Batheja
District Sales Tax Officer, M S Kulkarni
Inspector of Schools, G K Koppikar

INSTITUTIONS

Marathi Granth Sangrahalaya, Thana
Remand Home, Bhiwandi
Industrial School, Bordi

HOSPITALS

Civil Hospital, Thana
Mental Hospital, Thana
Government Dispensaries (in all towns)

INDUSTRIES

Thana Match Factory, Thana
Western India Match Factory, Ambernath
Aluminium Factory, *Ambernath*
Raymond Woollen Mills, Thana

NEWSPAPERS AND PERIODICALS

" RAILWAY HERALD " (Weekly), English

SPINNING AND WVG MILLS

Abdul Samad Hajilal Mohammad Weaving Factory—Looms 246 Owner Khan Sahib Abdul Samad Hajilal Mohammad Office on Mill premises Mills at Bhiwandi

Secunder Sari Mills—Looms 103 Proprietor Abdul Quadir Secunder Patel Office on Mill premises Mills at Bhiwandi

*

WEST KHANDESH DISTRICT

Headquarters .—Dhulia

Talukas and Mahals —Shirpur, Shahada, Taloda, Sindkheda, Nandurbar, Nawapur, Dhulia, Sakri, Akrani, Akal-kuva.

West Khandesh District lies roughly between 20° 38′ and 22° North Latitude and 73° 35′ and 75° 17′ East Longitude. It is bounded on the north by the Madhya Bharat Union, on the east by East Khandesh District, on the south by Nasik District and on the west by Baroda District

The area of West Khandesh is 5,391 sq miles and the population 1,146,024 (1951 census) In the western parts Bhils who number 400,000 predominate The languages spoken are Marathi, Gujarati and Bhili

West Khandesh along with East Khandesh forms the most northerly section of the Deccan table-land The river Tapti flowing from east to west divides it into two unequal parts Of these the bigger lies in the south and is drained by the rivers Bural, Panjara, Bori and Girna This is a long central plain comprising an extensive area of rich alluvial soil Northwards beyond the plains the land rises towards the Satpura Hills The country is rugged and thickly wooded and is mainly inhabited by Bhils On the whole the District is well supplied with surface water

AGRICULTURE

The main crops of this District are cotton, wheat, bajri, jawar and groundnut Sugar cane and chillies form the main irrigated crops Lately many more sugar-cane crushing factories and gur manufacturing factories have been started in the District There are two agricultural research stations—one for Cereal research and another for cotton research at Shahada and Dhulia respectively A special staff of agricultural officers has lately been engaged by the Government in Bhil backward areas, and a model agricultural project has been started where Bhil cultivators are taught improved methods of cultivation

There are two types of irrigation in this District (1) Well irrigation and (2) Bandhara irrigation The rivers used for irrigation are chiefly the Panjara, Kan, Gurai and Gomi, which are bounded at a number of places Each bund irrigates about 100 to 200 acres The total area under Bandhara is about 4,000 acres The main crops grown on these Bandharas are sugar cane, wheat and paddy, in this rotation This system is known as Fad System

There are two educational institutions in the Bhil area—Bhil Sudharna Committee and Bhil Seva Mandal The Government has also recently opened a Sarvodaya centre at Khandbara for the uplift of the Bhil community

COMMUNICATIONS

The headquarters of the District Dhulia, was also the old capital of the united district of Khandesh It is situated on the branch of the Central Railway which joins the main line at Chalisgaon There is a project for a new railway line, Manmad—Malegaon—Dhulia—Nardhana on the Tapti Railway line, which serves the Shindkheda, Nandurbar and Nawapur talukas and runs in the direction of Surat

HOSPITALS

There are two civil hospitals at Dhulia *viz*, Dhulia Civil Hospital, a Government institution and the Suwarta Memorial Hospital, run by the Presbyterian Mission The Dhulia Civil Hospital also trains nurses and *Dais* The Local Red Cross Society is conducting a Child Welfare Centre at Dhulia where milk and free treatment in ultra violet rays is given to women and children The society is also conducting ante natal clinic where medical advice is given to expectant mothers There are 4 Municipal dispensaries—one ayurvedic, one unani and two allopathic. There is also a free dispensary conducted by the Prani Rakshak Sanstha Doctors have a West Khandesh Medical Union located in Dhulia

OFFICIALS

Collector and District Magistrate, L S Lulla, I A S
District Agricultural Officer, S T Purandare
District Engineer, V W Gothoskar
District Forest Officer, M K Chitre
District Health Officer, M L Gulati
Civil Surgeon, R A Dandekar
District Sales-tax Officer, G R Prabhavalkar
District and Sessions Judge, B D Nadkarni
District Superintendent of Police, B K Lokhande
Income tax Officer, S S Junnarkar
Educational Inspector, U R Seolekar

EDUCATIONAL INSTITUTIONS

There are four High Schools in Dhulia, including one for girls. There are about 30 primary schools, where free and compulsory primary education is given to both boys and girls and 2 primary teachers' training colleges including one conducted by Government. There is one Agricultural School called the Dhulia Agricultural School, where practical training in agriculture, poultry, dairy and other cottage industries is given in a two-year course The Government has lately further developed this school There is also a model Government poultry farm at Dhulia At the cattle farm started under the Wardha Cattle Scheme the best kind of cattle are bred. The King Edward VII Technical School at Dhulia gives technical education to ex service men and students Government has started a graduates Basic Education College, in the premises of Grand High School A Remand home is also lately started for the care of delinquent children

The Bhil Seva Mandal and the Bhil Sudhar Samittee, which are working for the social and educational uplift of the Bhil community in the Bhil area of the District are two more institutions of a cultural and educational nature

Two more institutions are the Gandhi Tatwadnyan Mandir, teaching Gandhian philosophy, and the Sanskrit Patashala teaching Sanskrit

Dhulia is the Divisional Headquarters of the Bombay State Transport Corporation, of the Khandesh Division A direct bus service to Indore, in Madhya Bharat is operating There is also a *big repair workshop*

DHULIA EDUCATION SOCIETY —The Society owns two high schools (1) The J R City High School and (2) the New City School, the total number of boys being 1,700 The first was started in 1916 in response to a growing demand for secondary education, which the Government High Schools could not satisfy It began with the first three standards and only 100 boys The late Rao Bahadur K N Bhangaonkar was its first president The second was started in 1937 in the heart of the town to accommodate the ever-increasing rush of boys The Society was first started in 1920 with the late Mr V N. Paranjape as President Internal management is in the hands of a council on which the staff is fully represented

THE MARATHA VIDYA PRASARAK SANSTHA, DHULIA —This is the pioneer Educational Institution started in the year 1908 With its aim to spread education by giving help to deserving students of the agriculturists, intermediates, and backward communities irrespective of caste and creed

In 1934 the Institution purchased a bungalow which is known as J J Agarwal Maratha Boarding named after the philanthropic donor, Sjt Jivanram Seth of the city Later in the year 1935, the institution erected another big magnificent building where there are at present nearly 200 students of all castes from different and distant parts of the district For management and educational purpose, the Institution spends nearly Rs 8,000 per year In 1939 the Institution started a Boarding house for girls In 1946, the Institution started a High School

WOMEN'S EDUCATION SOCIETY, DHULIA —This Society was founded by the late Mr Sakharampant Johare of Dhulia and the late Mr M K Apte, B A , LL.B, pleader of Dhulia, who was its first President The aim of the society, is principally to impart instruction to girls in Secondary education It conducts a High School for girls and is the only institution catering for such education in West Khandesh It has constructed three spacious buildings of its own for the location of the High School. The High School is recognised by Government and is affiliated to the University of Bombay.

THE DHONDO SHAMRAO GARUD LIBRARY, DHULIA — The library was established at Dhulia in 1854 by Mr D J. Richardson, District Judge and President of the English School Committee, as an aid to the students of the English School at Dhulia Afterwards the library was opened to the public and was known as " The Native General Library ", Dhulia, till the year 1907, when the present building was built by donation of Rs 1,500 given by Rao Bahadur S D. Garud, and is now known as " The S. D Garud Library ". It is the oldest institution catering for the reading public. In 1947 the library became a free district library under the new scheme of Bombay Government and is open to the public It is managed by a Managing Committee of eighteen members.

ASSOCIATIONS

HARIJAN SEVAK SANGH (Maharashtra Provincial Board).— This Board as a Branch of the All India Harijan Sevak Sangh has been in existence since 1932. The first President was late G. K. Deodhar, President of the Servants of India Society. The second President was Shri B G. Kher.

The Provincial Board with the help of its District and Taluka committees is carrying on, besides welfare work in the form of hostels for boys and girls and scholarships for Harijan students, educative propaganda in the 10 Marathi speaking districts of the present sub-province, with a view to giving the fullest possible benefit of the recent Acts passed by the Congress Government, in order to remove the social disabilities of Harijans and to secure temple entry on terms of absolute equality with other Hindus The Board also endeavours to remove the grievances of Harijans The condition of Harijans is fast improving in all directions

THE INDIAN RED CROSS SOCIETY, West Khandesh Branch, Dhulia —The District Branch of the Bombay State Branch of the Indian Red Cross Society has been doing social work and health activities in Dhulia and West Khandesh District for nearly twenty years

The Society has been for the last five years conducting a Child Welfare Centre, the first of its kind in the District, at Dhulia where children are given free milk and ultra violet light medical treatment Ultra violet light is also given to children and women under medical advice Last year the society also opened an ante natal clinic Lady Colville visited the centre and appreciated the work and through her efforts, Rs 35,000 as grant was given for a permanent building for the Red Cross Society

DHULIA NAGARIK SANGH —This institution was established at Dhulia twelve years ago with the object of educating Dhulia public to civic sense by propaganda and by ventilating grievances to proper authorities and educating public in local municipal elections The society has tackled problems of town planning, health activities, railway grievances, food question and regulating motor and other traffic in Dhulia City *President* Dr B B Kirtane, *Secretary* Oka

MAHATMA GANDHI TATWADNYAN MANDIR, DHULIA — *Aims* Founded at Dhulia in 1946 to perpetuate the memory of the late Mahadeobhai Desai, who devoted his whole life to the service of Mahatma Gandhi It is designed to preserve all Gandhian literature and spread Gandhian philosophy by encouraging students to stay and lodge to study, by publishing suitable books and magazines and by organising a batch of workers who would lead and teach the people by their own example by leading a life based on Gandhian principles This institution had been blessed by Mahatma Gandhi The site was given free by Shet Shaligram Ramchandra Bhartia and Shet Rameshwar Joharmal Poddar *Principal* Balubhai Mehta *Trustees* V L Mehta, Appasaheb Patwardhan

THE WEST KHANDESH MARATHI JOURNALIST ASSOCIATION, DHULIA —This association was established in 1943 as a District Branch of the Marathi Patrakar Parishad, objects of which are to guard the interest of Marathi Press in the Marathi speaking area in India and improve the status of Marathi journalists The branch which is an active association successfully held the seventh Patrakar Parishad in 1947, presided over by Mr Deogirikar, Editor of "Chitramaya Jagat" (Poona)

CLUBS

Dhulia Gymkhana

Cumine Club

Recreation Club

Vanita Samaj (ladies)

BANKS

Imperial Bank of India, Dhulia.

Bombay Provincial Co-operative Bank, Dhulia

New Citizen Bank of India, Dhulia

Bank of Baroda, Dhulia

Bank of Maharashtra, Dhulia

Bombay Provincial Co-operative Bank, Taloda
" " " " Shirpur
" " " " Shahada
" " " " Nandurwar
" " " " Sakri
" " " " Sindkheda
" " " " Dondaicha

Baroda Bank (pay office), Dondaicha

DHULIA URBAN CO OPERATIVE BANK, LTD — This Institution known as Dhulia Taluka Urban Co-operative Society was established in 1908, the first co-operative society in West Khandesh District, in 1923 it was converted into Dhulia Urban Co-operative Bank The Bank serves the needs of the local merchants, petty traders and agriculturists of Dhulia City and is the oldest bank in the city

RAJWADE MANDAL PEOPLE S CO OPERATIVE BANK LTD, DHULIA —This bank, one of the very few of its kind in the State, was established in February 1933 The shareholders of the bank have agreed to pay one fourth from their share of dividend due from the bank each year, to a research institution—Rajwade Sanshodhan Mandal—established in the memory of the late Mr Vishwanath Kashinath Rajwade, an eminent research worker

INDUSTRIES

Dhulia is the biggest cotton centre in the Khandesh Districts and has a well regulated Cotton Market There is also another regulated Cotton Market at Dondaicha in the Sindkheda Taluka on the Tapti Valley Section of the Central Railway

There is a Spinning and Weaving Mill at Dhulia, called the New Pratap Spinning and Weaving Mill, which operates 1,058 looms and 46,136 ring spindles.

There are many Weaving Factories, driven by steam and electric power, operating a total number of 1,000 looms.

The number of cotton ginning and cotton pressing factories is 47

Dhulia has also been lately developing into a groundnut oil industry centre There are 40 oil mills, including 12 at Dhulia, which together produce about 2,000 tons of groundnut cake One of these mills uses the latest type of oil expeller machinery There are two saw mills but on the whole, West Khandesh is less developed than East Khandesh

NEWSPAPERS & PERIODICALS

"SWATANTRA BHARAT"—Weekly —Marathi
"DALIT SEVAK"—Fortnightly—Marathi
"PRABODH"—Weekly—Marathi
"WARTA"—Weekly—Marathi
"YUG SANDESH"—Weekly—Marathi
"NAVA-HIND"—Weekly—Marathi
"RAMDAS-RAMDASI"—Quarterly—Marathi
"ITIHAS-ITIHASIK."—Quarterly—Marathi

TRADES & PROFESSIONS

Anandji Haridas & Company Limited, Jamnalal Bajaj Road, Dhulia

Anant Textiles, Textile Manufacturers, Fifth Lane, Dhulia

Bombay Fire and General Insurance Co Ltd, Dhulia

Mudholkar Studio, Agra Road, Dhulia, West Khandesh Dist

Shaikh Amman Master, Bidi Merchant and Manufacturer, Mustapha Kemal Road, Dhulia

Shri Gajanan Company, Chemists and Druggists and General Merchants, Agra Road, Dhulia

United Hardware Mart, Merchants and Contractors, Agra Road, Dhulia

*

MADHYA PRADESH

Area 130,272 sq miles

Population 21,247,539

Number of Districts 22

Names of Districts with names of headquarters within brackets Sagar (Sagar), Jabalpur (Jabalpur) Mandla (Mandla), Hoshangabad (Hoshangabad), Nimar (Khandwa), Balaghat (Balaghat), Betul (Betul), Chhindwara (Chhindwara), Wardha (Wardha), Nagpur (Nagpur), Chanda (Chanda), Bhandara (Bhandara), Raipur (Raipur), Durg (Durg), Bilaspur (Bilaspur) Bastar (Jagdalpur), Amravati (Amravati), Surguja (Ambikapur), Raigarh (Raigarh) Buldana (Buldana), Akola (Akola), Yeotmal (Yeotmal)

Number of Tehsils 107

Number of Municipal Committees 113 Corporations 2, Notified Area Committees 2

The State has a unicameral Legislature

Strength of the Legislative Assembly 233 including one member nominated under Article 333 of the Constitution

Number of members returned from the State to the House of the People, 29 and to the Council of States, 12

Estimated revenue for 1953 54 Rs 25,06,22,000

Total expenditure on Revenue Account for 1953 54 Rs 24,52 51,000

Estimated Surplus for 1953 54 Rs 53,71,000

AGRICULTURE

Main food crops of the State and their production during 1950 51

Cereals Rice (13,94,890 tons) wheat (5 86,230 tons), Juar (8,72,480 tons), Kodon Kutki Ragi Madua (1 03,953 tons), Maize (60,033 tons), Bajra (16,183 tons)

Pulses Gram (2,53,640 tons), Tur (90,910 tons), Urid, Mung, Moth (96,500 tons), Lakh (1,33,250 tons), Masur (44,220 tons)

Main cash crops of the State and their production during 1950-51

Cotton (Lint) (89,298 tons), Sann hemp (fibre) (7,789 tons)

Area of the State in acres (1950 51) as per agricultural statistics 83,111,606 acres

Area cultivated Grass cropped 31,171,975 acres Net cropped 28,669,151 acres

Area of uncultivable land 20 254,513 acres *a*) Area other than uncultivated land excluding barren, fallow and cultivable area 14,276,542 acres, *b*) Area not available for cultivation 5,977,971 acres

Area cultivated twice 2,502,824 acres

Area under dry cultivation Grass cropped 20,102,078, net cropped 26,621,606 acres

Area under wet cultivation Grass cropped 2,069,897, Net cropped 2 047,545 acres

Area under Food crops 23,948,526 acres

Area under Cash crops 2,839,780 acres

Area in acres under individual food crops

Cereals Rice (89,47,365), Wheat (26,22,748), Juar (49 98,919), Kodon-Kutki Ragi madua (19,82 579) Maize (2,90,180), Bajra (97,254)

Pulses Gram (13 91,292), Tur (7,57,052), Urid Mung Moth (14,05,295), Lakh (11,03,924), Masur (2,91,978)

Area under individual cash crops in acres Cotton (27,76,071), Sann hemp (63,709)

Area possibly available for futher cultivation through reclamation measures Current fallow 4,685,450 acres, Cultivable area 5 861,926 ,,

Projects planned but not executed Gondha Feeder Project at Durg, Dudhwa Feeder Project at Raipur, Sampna Tank Project at Betul

No land has been reclaimed by the State Tractors

Area ploughed by the State Tractor (Machine Tractor Stations Scheme) from 1947 to 1952 85,863 acres, the area ploughed during 1951-52 alone being 36,506 acres

Area reclaimed by the Central Tractor Organisation in Sagar and Hoshangabad from 1947 to 1952 240 702 acres, the area reclaimed in 1951 52 alone being 71,747 acres

Budget allotment under the scheme for the reclamation of cultivable land from weeds by mechanical cultivation for 1953 54 Rs 33,55,500

Plantations	Area in acres	Production in tons (1950-51)	Value (Rs in thousands)
Sugarcane	45,347	56,660	317 3
Bananas	3,524	43,660	218 0

Total area under all fruit crops for 1950 51 1,04 639 acres

Kinds of fruits Oranges, Lemons Mosambis, Custard apple, Guavas, Mangoes Ber, Bananas, Papayas, Jack fruit, Pomegranates, Chikoo, Water melons, Musk melons and other fruits

Estimated production of the main fruits in 1950 51 and their value 3,74,570 tons valued at Rs 1,024 6 lakhs

Total area under vegetable in 1950 51 1,08 540 acres

Kinds of vegetables Cauliflower, Cabbage, Knolkol Turnip, Carrots Radish, Tomatoes, Beem, Palak, Beet Potatoes, Onions, Sweet-potatoes Arum, Leafy Vegetable Brinjal, Bottle gourds, Bhindi, Pumpkins, Garlic, Ginger, Gawar

Total production of vegetables and their value 2,63,824 tons valued at Rs 390 7 lakhs

Kinds of fish produced Katla, Mrigal and Rohu

Estimated production of all kinds of fish 5,700 tons

Number of cattle according to 1951 census Cows (including calves) 7,245,916, She buffaloes (including calves) 1,339,896, Bullocks (over three years) 5,289 911 Sheep 330,367, Goats 2 300 360, Pigs 265,924, Fowls 4,379,145

Chief breeds of cattle

Cows Gaolao, Khamgaon, Umerdha, Lakha bhonda, Nimar and Malvi

Buffaloes Sagar, Nagpur and Berar

Sheep Berari, Chanda, Chattisgarh and Sagar

IRRIGATION

Total area irrigated during 1952 1,907,067 acres

Area irrigated by Government Irrigation Works 8,34,444 acres

Larger Irrigation Works and area irrigated in 1952 53 Mahanadi Canal cum Marasmilli Reservoir in Raipur District 2,12,184 acres

Wainganga Canal and Sarathi Reservoir in Balaghat District 63,770 acres,

Kharing tank in Bilaspur District 92,075 acres

Maniary tank in Bilaspur District 77,578 acres

Tandula Reservoir in Durg District 164,063 acres

Projects in execution

LAND TENURE

After the abolition of the proprietary rights of the intermediaries (malguzars, zamindars jagirdars, izardars, etc) with effect from March 1951, the land tenure system in the various parts of the State is as follows

Central Provinces The ex proprietors retain the home farm land Land cultivated after 1948 49 has been settled with them in the rights of an occupancy tenant The existing rights of the tenants continue and they have been given the privilege of securing malik makbuza rights in their tenancy land on payment of a premium at concessional rate equal to three times and four times of the annual rent for absolute occupancy tenants and occupancy tenants respectively The village administration is on the raiyatwari system

Merged Territories Here the ex proprietors have also been allowed to retain other land in their personal cultivation in raiyatwari rights The tenants and raiyats have been given the concession of having their raiyati or tenancy land converted into malik makbuza on payment of a premium equal to twice the amount of annual rent The village administration is on raiyatwari lines

Berar The raiyatwari system is prevalent in almost the whole of the Berar districts In a small number of villages in the districts which have vested in the State Government, superior holders have been allowed to retain the home farm land in the right of an occupant These tenants have been regarded as lessees of Government and have been allowed the privilege of securing occupancy rights on payment on the sliding scale as laid down in Section 69 of the M P Abolition of Proprietary Rights Act, 1950 (I of 1951)

Acts Governing the Land Tenure The C P Tenancy Act, 1920 (I of 1920) The Act recognises three types of tenants namely Absolute occupancy tenants, Occupancy tenants and Sub tenants

The C P States Land Tenure Order, 1949 and the Makrai State Land Tenure Order, 1949 As a result of the integration of 15 feudatory States with Madhya Pradesh, the raiyats and tenants were greatly handicapped on account of the prevailing restrictions on inheritance and transfer of land Under the above orders, heritable and transferable rights were conferred on raiyats and tenants in their holdings They are also entitled to make improvements in their land and to enjoy the usufructuary rights of the trees standing on their holding

Name of Project	Location District	When started	When to be completed	Capacity M cft	Area proposed for irrigation	Total cost Lakhs of Rs	Financing Bodies	Estimated rise in output after completion
Gangulpara tank project	Balaghat	May 1953	March 1956	Gross 402 48 Nett 387 47	8,525	27 18	State and Central Govts	(Food grains) in Tons 1,705
Durkrikheda tank project	Hoshangabad	,,	,,	Gross 433 005 Nett 406 998	6,600	24 83	,,	1,320

The Madhya Pradesh Abolition of Proprietary Rights (Estates, Mahals, Alienated Lands) Act, 1950 (I of 1951)

Under the above Act, compensation is payable to proprietors on the basis of net income in accordance with the rules in Schedules I and II of the Act Petty proprietors are to be paid rehabilitation grant also according to the scale prescribed in Schedule III of the Act

Any mortgage or charge on any proprietary right was a charge on the compensation money payable to the outgoing proprietor The Claims Officer has been empowered to determine these debts The rate of interest allowed on these debts will not be more than 6 per cent per annum The amount of principal and interest found due can further be scaled down as prescribed in sub sections 2 and 3 of section 24 of the Act The amount determined as due shall not carry any interest after the date of determination The amount of debt will be paid to the creditors out of the compensation money before the balance if any is paid to the outgoing proprietor

Number of persons expropriated under the law 150 000

The Act has been fully implemented and the State has taken possession of all the villages vested in the State under the above law

The compensation money will be paid from the State Revenues and will not be acquired

The question as to whom and how this land is to be allotted is under the consideration of the State Government

LIVE-STOCK

Variety of fish produced Murrels, Catfishes and Minnows Mrigal and Kalbasu

Quantity and value of each variety About 10 000 maunds of Bengal carps valued at Rs 40,000 annually

Total fish produced in the State 156 000 maunds valued at Rs 81 20 000

Fishing population About 50 000

Livestock Bovines (17 458,166) Cows (4,620,862) Buffaloes (mostly Nagpuri and the graded) (831,542) Sheep (local) (313 874) Goats (local) (2 429 603) Fowls (4 321 391) Ducks (mostly Indian Runner) (39 445) Horses and Ponies (115 756) Mules (360) Donkeys (20,783), Camels (48) Pigs (201,482)

Total forest area at the end of 1951 52 inclusive of 7 659 sq miles of ex private forests 44 046 sq miles As a result of the abolition of proprietary rights an area of 7 659 sq miles of private forests was taken for management by the Forest Department

Number of forest divisions in the State 32

Main types of forests Teak Sal and the mixed forests

Sub types of forests Palas Khair Bhurra, Salai Ghont, Anjan and Garari

Revenue from forests for 1951 52 Rs 4 37 18 756

Expenditure for 1951 52 Rs 1 17 69 869

Revenue by classification of produce in 1951 52 Timber (Rs 2 39 06 300) Fuel (Rs 73 05 230) Bamboos (Rs 20 05 397) Grazing and Fodder grass (Rs 23 91 445), other produce (Rs 72,37 998), Miscellaneous (Rs 8 41,911) Leased forests (Rs 30 475)

Area of forests afforested in 1951 52 298 acres

CIVIL SUPPLIES

There is no rationing in Madhya Pradesh

Controlled articles Cloth yarn, cotton iron and steel cement drugs and vegetable oil products

The prices of each of these articles fixed by the Government of India are adopted by the State

States requirements of cloth at the rate of 15 yards *per capita per annum* 17 780 bales per month

The State is not surplus in any of the above articles

Total supplies of cloth per month from sources within the State 9 900 bales constituted by 5 500 bales of cloth from textile mills in the State and 4 400 bales of handloom cloth

Deficit of cloth 7 880 bales each month

At present the cloth control has been considerably relaxed with the result that as much as 95 per cent of the total cloth production of India is now available under free sale concessions The deficit is made good from imports of this free sale cloth and not much difficulty is being experienced by the consumers

Quota of cloth fixed by the Textile Commissioner Bombay 1 100 bales per month

States requirements of yarn per month 17 257 bales

Total supplies of yarn per month from sources within the State namely textile mills 4 000 bales

Deficit of yarn 13 257 bales per month

At present the shortage of yarn is not being felt so much due to slump and shortage of finance with the handloom weavers including the difficulties experienced by them in marketing the handloom products

Quota of yarn fixed by the Textile Commissioner, Bombay 4,790 bales per month

COTTAGE INDUSTRIES

Cottage Industries with their location

Handloom weaving (Nagpur, Kamptee Burhanpur Jabalpur Chanda Bhandara Bilaspur (Champa) Umrer)

Wool spinning and blanket weaving (Umrer Tahsil and Chhindwara District)

Textile accessories bobbing etc (Nagpur)

Bidi making (Nagpur Kamptee, Bhandara, Umsar Gondia Jabalpur)

Brass metal work (Bhandara Balaghat, Chhindwara)

Lac (Gondia Seoni Raipur Bilaspur)

Umbrella fitting (Nagpur Jabalpur Raipur)

Saw milling (Betul District Bhandara District Balaghat District Bilaspur Chanda, Chhindwara Jabalpur Mandla Nagpur)

Budget grant for 1953 54 for execution of the Cottage Industries schemes Rs 3,14,180

Additional grant for 1953 54 for the development of handloom weaving Rs 69 800 and for development of cottage and small scale woollen industry Rs 11 600

Chief minerals Manganese ore (Nagpur, Balaghat Bhandara Chhindwara and Jabalpur) Coal (Chhindwara Chanda Surguja Yeotmal, Raigarh and Bilaspur)

Quantity produced in 1951 and value Manganese ore 7 07 403 tons (Rs 6 42 09 116 0 2), Coal 3 208 988 tons (Rs 4 57 97 750 15 8)

Average daily labour engaged during 1951 62 993 (29 812 In collieries 26 982 in manganese ore mines and 6 199 in other mines)

TRANSPORT

Total mileage of roads 9 791 miles

Mileage of metalled roads 6 111 miles Unmetalled roads 3 680 miles

Roads maintained by P W D Metalled (5 555 miles) Unmetalled (3 398 miles)

Roads maintained by District Councils (now Janapada Sabhas) P W D Transferred Roads Metalled (556 miles) Unmetalled (282 miles)

Total mileage of railways 2 596 miles

Number of passenger buses 1 715, Goods Vehicles 4 888, Taxi Cabs 396 Private cars 6 968

Transport has not been nationalised The State and Central Government together hold *majority of shares* in two tripartite companies with a Government Official as Managing Director

The Companies operate only passenger services

The Provincial Transport Co operates town bus service in Nagpur City and C P Transport Services Ltd in Jabalpur City

Number of passengers carried in 1951 52 Provincial Transport Co Ltd 26 74 112, C P Transport Services 35 29 438

Total expenses P T Co Rs 24 65 820 5 7, C P T S Rs 30 32 498 13 6

Total revenue P T Co Rs 28 96 077 14 5, C P T S Rs 35 92 701 9 3

Profit P T Co Rs 4 30 257 8 0 C P T S Rs 5,60 202 11 9

After taking over management of the Companies by the Government it has been possible to give the workers bonus ranging from one to one and a half month's salary

Extra amenities for passengers A bus station and depot at Jabalpur costing Rs 1 6 lakhs

LARGE-SCALE INDUSTRIES

Industry and its location	Year	Production	Value of total turnover in Rs
Cotton Textile Mills (Nagpur Akola, Badnera, Hinganghat, Rajnandgaon Pulgaon Achalpur, Burhanpur)	1951 52	115 226,000 yds	Not available
Cement (Kymore)	1951 52	360 229 tons	"
Asbestos Cement (Kymore)	1952 53	31 317 tons	"
Hydrogenated vegetable oils (Akola and Shegaon)	1952	10 756 tons	
Canned fruits and vegetables, bottled juices etc (Nagpur)	1952	Not available	Rs 16 08 000
Jute (Raigarh)	1949	3,778 tons	Not available

Name of the Transport Authority	Number of Vehicles	Capital	Investment by State	Investment by Centre
The C P Transport Services Ltd	121	Rs 23 52 900	Rs 9 98,000	Rs 9,96 000
The Provincial Transport Co Ltd	113	" 29,99,945	" 16,72,275	" 8 46 800

A programme of construction of public shelters, waiting rooms etc in other centres like Sagar, Seonie, Yeotmal, Gondia, Bhandara etc has been drawn up for execution

It is proposed to extend the services to more parts of the State 25 per cent of the fleet is renewed every year

Modern buses with rubber foam cushioning throughout, are put on the line

There are sub workshops at every depot of the company to carry out minor repairs Major repairs are done in the main workshops at the Head Offices of the companies

All vehicles and engines are fully reconditioned at the workshops which also make certain spare parts

Consolidation of the two undertakings with expansion necessary to make these economic units are contemplated

POWER PROJECTS

Total capacity of power plant installed in State (public sector) 68,000 k W Total effective capacity 43,600 k W

Total production in 1952 129 48 million units

Number of units supplied to industry 77 14 millions

Number of units supplied to irrigation 0 11 millions

Number of units supplied by licensees and sanction holders for domestic purposes during 1952 12 62 millions

Number of units supplied by the Jabalpur and Katni Power Houses respectively for military purposes 10 33 millions and 4 57 millions

Details regarding major power stations in operation and those under execution are given in the tables below

Estimated rise in output after completion of projects in execution 128 8 million units

Power Projects planned but not executed Extension to Raipur Pilot Power Station, Raipur, Extension to Licensees Power House at Jabalpur, Extension to Licensees Power House at Sagar

Estimated rise in output when completed 46 0 million units

Name of the Station with location	Installed capacity in k W	Production in 1952 (in million units)
Central Thermal Station Khaperkheda	30,000	73 81
Pilot Power Station Raipur	4 000	3 80
Chandni Power House, Chandni	17 000	ready
Power House at Jabalpur (Licensees)	9,250	Not available
Power House at Katni (Licensees)	9,300	,,

POWER PROJECTS UNDER EXECUTION

Name of Power Project and location	Installed capacity in k W	When started	When to be completed	Cost in lakhs of rupees	Financing Body
Ballarsha Power Station Ballarsha	23,250	Oct 1952	End of 1955	200 00	M P I B
Itarsi Power Station Itarsi	3,000	1953	End of 1955	16 03	M P I B

CO-OPERATION

Number of Co operative Societies during the year ending 30th June 1952 10,970

Membership of Co operative Societies 5 25 lakhs

Total working capital Rs 1,030 40 lakhs

Types of Co operative Societies and number of each type Provincial Co operative Bank (1) Central Banks (41), Land Mortgage Banks (12), Co operative Institutes (5) Provincial Weavers Society (1), Provincial Marketing Society (1), State Co operative Federation (1), Urban Bank (1), Grain Banks (2), Multi purpose Societies (899), Co operative Farming Societies (7), Milk Societies (9), Ghee Societies (9) Agricultural Credit Societies (8,083) Non agricultural Credit Societies (239), Consumers Societies (449) Agricultural and Growers Associations (96), Housing Societies (15), Primary Weavers Societies (273), Seed Unions (14) Industrial Societies (74) Fishermens Societies (12) Hospital and School Stores 14) Ex servicemen and Refugee Societies 11), Cattle Breeding and Pashu Sudhar Societies (53), Motor Transport Societies (8) Better Living and Thrift Societies (36), Other societies (25)

Number of Central and District Co operative Banks 41

Provincial Co operative Bank —One

Working Capital Rs 2 48 85 180, Deposits Rs 2 16 69 062 Paid up Share Capital Rs 10 95 710 Reserve and other funds Rs 13,65,931, Dividend for the year 5 per cent

Budget allotment for the Co operative Department for the year 1953 54 Rs 12,28,000

EDUCATION

Total Government expenditure on the following items Nursery Schools Rs 24 570, Primary Schools Rs 1,48,13 499, Secondary Schools Rs 1 28 95,088, Arts and Science Colleges Rs 20 95,705, Professional Colleges Rs 32 85,004, Teachers Training Institutes Rs 6 56,469, Commercial and Technical Institutions Rs 69 007 Universities Rs 18 70 460 Schools for Defectives Rs 29,118, Social Education Rs 26 02 838

Details regarding Schools for Defectives — Number of institutions 3, number of boys 101, Teachers 10, Government expenditure Rs 29,118

Social Education —Number of institutions 21 380 Number of boys 3,82,962 Girls 1,30 034 Government expenditure Rs 26,02 838

For other statistics see general section on Education

LABOUR

Total number of registered factories in the State 1 930

Average daily number of workers in registered factories 1,15,787, number of women 5,750, children 202

Industries in which a minimum wage is fixed Oil mills Glass Cement, Potteries, Public Motor Transport Rice, Flour or Dal mills, Local Authorities Road Construction or Building, Operations Stone breaking or Stone crushing, Tobacco (including Bidi making) manufactory, Tar Manufactory, Tanneries and Leather Goods Manufactory

Cost of living index number for the industrial workers at Nagpur for the year 1952 with August 1939 as a base October 381, November 380, December 378 Annual average for 1952 379 83

Present average monthly earnings of a factory worker Rs 58 per month

Average monthly earnings of a worker in the more important industries Textiles Rs 72, Glass Rs 54, Cement and Potteries Rs 52, Electric and Power Rs 75, Bidi Rs 33, Ordnance factories Rs 83

Number of trade disputes in 1952 59, number of workers affected 75,027

Number of strikes 42, workers affected 49,787, Man days lost 1,18,804

State laws affecting trade disputes The C P and Berar Industrial Disputes Settlement Act 1947

Number of Trade Unions in the State as on 31st March 1952 117, total membership of trade unions 44 000 on the basis of annual returns from 70 unions

Labour Welfare Centres in the State 7 of which one is run by the Government and the rest by industrialists

Number of houses built through Industrial Housing Scheme 60 quarters

Number of families in registered factories provided with houses 12 000 families out of 100 000 families

HOUSING AUTHORITY

Name of the Housing Authority The Madhya Pradesh Housing Board constituted by the State Government under Section 3 of the M P Housing Board Act 1950

Finance available for housing Rs 18 65,250 Sources of finance and how much from each

Government of India to the extent of 50 per cent loan and 50 per cent subsidy

Types of houses built One room single storeyed tenements only The Board is constructing 750 quarters for urban areas only

Cost of each tenement Rs 2,527 Rent charged for each tenement Rs 10 per month

Private enterprises and local authorities can get loan and subsidy from the Government of India direct on the terms and conditions laid down under the Subsidised Housing Scheme

Total number of houses that may be required 50 000

Housing plans for the future The M P Housing Board is proposing to construct quarters at other places in addition to 750 quarters, construction depending upon the financial help from the Centre

POPULATIONS OF DISTRICTS

Nagpur 1 234,556, Wardha 688,903, Chanda 977,618, Chhindwara 1 080,491, Betul 451,655, Bhandara 1,071 657, Jabalpur 1 045 596, Sagar 993 654, Mandla 547,620, Hoshangabad 847,898, Nimar 523,496, Balaghat 693,379, Raipur 1,640,006, Bilaspur 1,679,637, Durg 1 481,756 Bastar 913 746, Surguja 822,041, Raigarh 919,520 Amravati 1,031,160, Yeotmal 931,982, Akola 950,994, Buldana 870,168

ADMINISTRATIVE PERSONNEL

GOVERNOR

Dr Bhograju Pattabhi Sitaramayya

PERSONAL STAFF

Secretary and Military Secretary, P R Rajgopal, I P S

Private Secretary, B Radhakrishna

Aide de Camp, M N Gadgil, I P S

MINISTERS

Pandit Ravi Shankar Shukla, *Chief Minister*

Durga Shankar Kripa Shankar Mehta, *Minister for Industries*

R K Patil, *Minister for Development*

Purushottam Kashirao Deshmukh, *Minister for Education*

Brijlal Nandlal Biyani, *Minister for Finance*
Bhagwantrao Mandloi, *Minister for Revenue*
Shankerlal Tiwari, *Minister for Agriculture*
M S Kannamwar, *Minister for Public Health*
Raja Nareshchandra Singh, *Minister for Tribal Welfare*
Dindayal Gupta, *Minister for Food*

DEPUTY MINISTERS

Prem Shankar Laxmishankar, Dhagat, *Deputy Minister for Finance*
Raja Bahadur Birendra Bahadur Singh, *Deputy Minister to the Chief Minister*
Shrimati Prabhavatibai Jakatdar, *Deputy Minister for Industries*
A Q Siddiqi, *Deputy Minister for Education*
Ganeshram Anant, *Deputy Minister for Agriculture*
Vasantrao Phulsing Naik, *Deputy Minister for Revenue*

SECRETARIAT

Chief Secretary to Government, K B L Seth, MA, BSC, LLB, ICS
Finance, Commerce and Industry, N T Mone, ICS
Revenue & Land Reforms, B L Pandey, IAS
Separate Revenue, Registration and Rehabilitation, R R Singh, IAS
Survey & Settlement and Land Records, S M Seth, MSC, IAS
Food, Civil Supplies and Public Health, B P Pathak, IAS
Agriculture and Co operation and Addl Secretary, Commerce and Industry, R C Murab, MA, LLB
Labour and Additional Secretary to Government, Police, General Administration and Political & Military, B N Kunte BSC, LLB, IAS
Law, T C Shrivastava
Addl Secretary Education, R P Naik, ICS
Local Self Government and Forest Department, M K Kher, IAS
Planning and Development, S N Mehta, ICS
Tribal Welfare, Public Works and Electricity, R R Bahl, ICS
Legislature Assembly, K K Rangole

DEPUTY SECRETARIES

Law, J S Dave, MA, LLB
Appointments, Jail, Police, M S Choudhary IAS
Finance (Development), V Krishnamurti
Ex officio Dy Secy, Food, S B Makode
Publicity, V S Krishnan, MA (Mad), MA (Oxon.)
Finance, P Sivaraman
Education, S N Limaye
Planning, T N Babel, IAS
Public Works, M P Mishra

HEADS OF DEPARTMENTS

Accountant General (Central Govt), V T Sreenivasan
Commissioner of Income Tax (Central Govt), H R Agnihotri
Postmaster-General, Central Circle (Central Govt), L I Sajnani
Collector, Central Excise, R N Misra
Inspector-General of Police, P C Saksena, IP
Director of Health Services and Inspector General of Prisons, Dr T D Shahani
Chief Engineer, Public Works Department, R K Batra, BA
Chief Engineer and General Manager, Electricity Department, Lt Col E G Mackie, MA, IHE, MIMR, AIEE
General Officer Commanding, Home Guards, M Ghose, MA
Chief Conservator of Forests, Lakhpat Rai, MA (Oxon), BSC
Excise Commissioner and Registrar of Births, Deaths and Marriages, R R Singh, IAS
Commissioner of Settlements & Director of Land Records, S M Seth, MSC, IAS
Development Commissioner, S N Mehta, ICS
Director of Transport Services and Director of Industries, P T Koman Nayar, BA, BSC (Tech)
Director of Veterinary Services R N Pendharkar
Director of Public Instruction, M H Modak, MA, PhD
Labour Commissioner and Chief Inspector of Factories, P K Sen, BSC (Edin)
Director of Agriculture, R N Pendharkar
Director of Geology & Mining, S K Barooah, BSC, ARSM
Director of Information and Publicity, I S Parihar
Textile & Yarn Commissioner, S B Pendharkar, BA, LLB
Registrar, Co operative Societies and Registrar, Joint Stock Companies, Dr B G Ghate, IAS
Public Health Engineer, Purtej Singh, BA, CE, MSC (USA)
Director of Tribal Welfare, D I Duby
Director of Social Welfare, G L Shukla
Superintendent Government Printing, V K Aiyar, BA, BL
Additional Custodian, Evacuee Property, K L Varma, MA LLB

PUBLIC SERVICE COMMISSION

Chairman, Dr V S Jha, BA, PhD
Members Dr H C Seth, MA, PhD, S S Pandey Advocate, L M Joshi, Bar at Law

HIGH COURT

B P Sinha *Chief Justice*	
M Hidayatullah, Bar at Law	*Puisne Judge*
K T Mangalmurti ICS	,,
R Kaushalendra Rao, Bar at Law	,,
J R Mudholkar, Bar at Law	,,
V R Sen MA, BSC LLB	,,
P P Deo MA LLB	,,
B K Choudhuri, BA, LLB	,,
G P Bhutt, BA, LLB	,,
V S Tambey	,,
T I Sheode	*Advocate General*
J N Datta	*Registrar*

GOVERNORS

H E Sir Frank Sly, KCSI, ICS	1920
H E Sir Montagu Butler, KCSI, CB, CIE, CVO, CBE, ICS	1925
H E Mr J T Marten, CSI, ICS (*Officiating*)	1927
H E Sir Montagu Butler, KCSI, CB, CIE, CVO, CBE, ICS	1927
H E Sir A E Nelson, KCIE, OBE, ICS (*Officiating*)	1932
H E Sir Montagu Butler, KCSI, CB, CIE, CVO, CBE, ICS	1932
H E Sir Hyde Gowan, KCSI, CIE, VD, ICS	1933
H E Mr E Raghavendra Rao, Bar at Law (*Officiating*)	1936
H E Sir Hyde Gowan, KCSI, CIE, VD, ICS	1936
H E Sir Hugh Bomford, CIE, ICS	1936
H E Sir F V Wylie, KCSI, CIE, ICS	1938
H E Sir H J Twynam, KCSI, CIE, ICS	1940
H E Mr F C Bourne, CSI, CIE, ICS (*Officiating*)	1945
H E Sir H J Twynam, KCSI, CIE, ICS	1945
H E Sir Frederick Chalmers Bourne, KCSI, CSI, CIE ICS	1946
H E Shri Mangaldas Mancharam Pakvasa	1947

LEGISLATIVE ASSEMBLY

(*For list of members see under General Elections*)

UNIVERSITIES

Nagpur University

Teaching, affiliating University Colleges 3, departments 4, affiliated Colleges 16, Students 10,310 (approx)

Sagar University

Colleges affiliated 19, Students 950 (approx)

COLLEGES

Nagpur University
Laxminarayan Institute of Technology Nagpur
University College of Law, Nagpur
University Training College, Nagpur
Central College for Women Nagpur
College of Agriculture, Nagpur
College of Science, Nagpur
D S D National College, Nagpur
G S College of Commerce, Wardha
G S College of Economics and Commerce, Nagpur
G S College of Science, Khamgaon
Hislop College, Nagpur
Medical College, Nagpur
Nagpur Mahavidyalaya Nagpur
Rajasthan Aryan College, Basim
S B City College Nagpur
Shri Shivaji College Amravati
Sitabai Arts College Akola
Vidarbha Mahavidyalaya, Amravati
Sagar University
Chhattisgarh College Raipur
College of Science Raipur
Diploma Training Institute for Men Khandwa
D N Jain College Jabalpur
G S College of Commerce and Economics, Jabalpur
Kitkarini Law College Jabalpur
Kitkarini Mahavidyalaya Jabalpur
Law College, Bilaspur (M P)
Law College, Madhapara, Raipur
Law College Raipur
Mahakoshal Mahavidyalaya Jabalpur
Mahila Mahavidyalaya Jabalpur
M P Vidarbh Veterinary College, Jabalpur
New Arts College, Raipur
Parantiya Shikshan Mahavidyalaya, Jabalpur
Shri Nilkanteshwar College Khandwa
St Aloysius College, Jabalpur
S B R Arts College, Bilaspur (M P)
Training Institute for Women Hawabag, Jabalpur

ASSOCIATIONS

ALL INDIA VILLAGE INDUSTRIES ASSOCIATION

Address Maganvadi, Wardha (Madhya Pradesh)

The object of the Association is the relief and service of the poor in the villages by all means including village reorganisation and reconstruction, the revival, encouragement and improvement of village industries and the moral and physical advancement of the villagers of India, and to undertake all other activities of a public nature calculated to achieve the above object

Trustees —Dr Gopichand B Bhargava (Simla), Dr Khan Sahib (Frontier), J C Kumarappa (Wardha), Vaikunth L Mehta (Bombay)

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(Vinayashram, Guntur, S India), R R Keithahn (Gandhigram, P O Chinnalapatti, Madura), A W Sahasrabudhe (Congress House, Poona 5)

In 1950 the Association merged into the Akhil Bharat Sarva Seva Sangh becoming its Gram Udyog Vibhag

THE CHRISTIAN MEDICAL ASSOCIATION OF INDIA, PAKISTAN, BURMA AND CEYLON

Office Nelson Square, Nagpur

The Christian Medical Association of India Pakistan, Burma and Ceylon seeks to be the means of mutual help among Christian Doctors in carrying on and securing greater efficiency in their work This mutual sharing of experience and discussion of common problems is carried on through Biennial General Conferences, annual conferences in the Hill Stations of Kodaikanal, Landour and the Nilgiris, and in Regional Conferences held from time to time in various parts of the countries It is also promoted through the columns of the Journal of the Christian Medical Association published bimonthly and through the visits and counselling of its two full time Secretaries It has assisted in the development of the Christian Medical College at Vellore and through its Nurses Auxiliary has played a large part in the development of Nursing Education

Its membership is open to Christian Doctors with registerable qualifications regardless of their field of service

President —Dr Hilda M Lazarus, C B E, F R C S, D C O, M R C O G, F A C S

Vice President P D Sukhnandan, F C P S

Editor H H Gass, M D

Secretary Treasurer —L W Wilder, M D, Nelson Square, Nagpur

Secretary Treasurer of Nurses Auxiliary — Alice Clark

NURSES AUXILIARY OF THE CHRISTIAN MEDICAL ASSOCIATION OF INDIA PAKISTAN, BURMA AND CEYLON

Office Nelson Square, Nagpur

An organisation with similar aims for Nurses as those of the Christian Medical Association for Doctors is open to all Christian Nurses with registerable qualifications Its General Conferences are held annually in odd years with the Christian Medical Association and in even years with the Trained Nurses Association of India, while area conferences are held frequently in various centres It has played and still plays an important part in Nursing Education especially in the Madras and Central India Areas where it has its own Examining Board It publishes a bimonthly magazine, *Nursing News*

Officers —

President Miss E L Gruchy

Vice Presidents —*Mid India* John Harrison *Bengal* Miss M Hall and Miss A Cargo *North India* Miss I C Ross *Bombay* Miss Rachel Thomas, *South India* Miss Mary Mathews

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Solicitors Messrs Little & Co Bombay

Auditors Messrs A F Ferguson & Co Bombay

Agents Messrs Killick Industries Ltd Bombay

REGISTERED OFFICE OF THE COMPANY —Home Street Fort Bombay

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Delite Talkies, South Civil Lines, Jabalpur

Dominion Law Reporter 41 Tilaker Road Dhantoli Nagpur 1

Dunne, T C, Lime and Bauxite Mines P O Katni, Jabalpur, M P

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Educational Book Depot, Second hand College Books, Jabalpur

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Ferguson, Dr, B, Dental Surgeon, 49, Denning Road, Jabalpur

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Gopal Plywood Industries, The Madan Mahal, Jabalpur

Gujarat Boot House Netaji Subash Chandra Road Jabalpur

Hindustan Mineral Industries, Head Office Katni, M P Branches Mines—Shankergarh and Bargarh Central Rly (Best Silica Sand for glass and other purposes) Tel Address Silica Codes Bentley s

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Imperial Pharmacy, Wholesale and Retail Druggists and Dispensing Chemists Jabalpur

Imperial Tobacco Co of India Ltd, 111 A, Sleeman Road, Jabalpur

Industrial Stores Co Ghat Road No 2, Nagpur (M P)

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Jackson s Hotel, Jabalpur, Boarding and Lodging

Jubbulpore Automobiles, East Street, Cantt, Jabalpur

Jubbulpore Electric Supply Co Ltd, Jabalpur

Khushal Chand Nirmal Kumar, Jewellers, Bankers, Gold and Silver Merchants, Sarafa Bazar, Jabalpur

Kingsley & Co, Confectioners, Caterers, 18, Civil Station, Jabalpur, M P

Macpherson & Co, Mine Owners, P O Bandhi, Jabalpur

Madanmahal Industries, The, near Madanmahal Railway Station, Amanpur, Jabalpur

MALAIYA OIL MILLS, Saugor, M P Manufacturers of Til Oil, Linseed Oil, Groundnut Oil and Nuger Oil Also Soap and Dal Manufacturers Other Concern Shrenik Oil Mills, Satna, U P

Modern Book House, 286, Jawahargunj, Jabalpur, M P

Mohar Singh Jagan Prasad, Katni, M P (India)

Motor House, 106, Wright Town, Jabalpur

Narayan Printing Press, Rajnandgaon (M P)

National Industries, Suppliers of Minerals and Forest Products, Katni, M P

Oriental Government Security Life Assurance Co Ltd , Jabalpur

Patel, J L , & Sons, Machinery Merchants, Jabalpur

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Sanghi Emporium, Tilakbhumi, Jabalpur Telegrams "Tripuri", Importers and Exporters of Electric Accessories, Machinery, Raw Materials, etc

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Shree Krishna Talkies, Jabalpur

Shyam & Laxmi Talkies Jabalpur

Shyam Medical Hall, Andherdeo, Jabalpur Chemists & Druggists

Shyam Stationery Mart Andherdeo, Jabalpur Stationers, Paper Merchants and General Order Suppliers

The Mahakoshal Metal Works, Ltd , Jabalpur

The Calcutta Shop, Netaji Road, Andherdeo, Jabalpur Dealers in Readymade Cloths, Hats and Umbrellas

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MADRAS*

Area 60 362 square miles Pop 35,736 480†

Capital Madras

Names of the Districts Madras Chingleput, North Arcot Salem Coimbatore, South Arcot, Tanjore Tiruchirapoly, Madura Ramnad, Tinnevelly, Nilgiris Malabar, South Kanara

Languages spoken Tamil Telugu Malayalam, Kannada, Hindusthani and Tulu

The vast majority of the people is of the Dravidian race

INDUSTRIES

Chief Industries Textiles, engineering, sugar, tobacco matches, oil making bricks and tile manufacture

Production of yarn 470 007 bales In the matter of cloth, the State's precedence is in the *field of quality*

Sugar The rated capacity of existing factories 88,000 tons Additional quantity sanctioned 60 000 tons

Automobile Has two of the five manufacturing plants in the country Is a pioneer in the production of component parts like pistons, wheels and rims diesel engines, etc

Cement The capacity of the State is a little less than a third of the total capacity of the country

Number of Cement factories and their output per year 5 factories producing 7,00,000 tons per year

Metals The establishment of an electro metallurgical plant has been made a condition for the lease of manganese at Sandur Magnesite is produced at Salem The production of aluminium in Salem is awaiting supply of cheap *electricity*

The State possesses the best steel ore in the world at Sandur †† Plans for its exploitation await the availability of lignite

Lignite The pilot project for exploiting the lignite deposit in South Arcot District at an estimated cost of Rs 70 lakhs, was inaugurated on March 5 1953 Investigation revealed the existence of about 2,000 million tons of lignite (brown coal) in an area of about 100 square miles in South Arcot District at a depth of about 175 feet below ground level The sample of lignite taken when processed compared favourably with grade I coal received from Bengal Machinery worth Rs 15 lakhs, has been lent by the Government for the pilot project If the cost of extraction is less than about Rs 30 per ton which is the price now paid for rail borne coal, an abundant supply of motive power of industrial development at cheap rates is assured for the State

Spinning mills 85 mills working at the end of 1952 (38 in Coimbatore District 8 in Madurai 7 in Tirunelveli and 6 in Tiruchirapalli Districts) One mill in Madras City is one of the biggest in the country employing nearly 16,000 workers The largest employer of labour in the State is the textile industry

The State has a leading position in the production of films as also in the manufacture of fountain pens

The State is distinguishing itself in the production of textile machinery

Cycle industry Produces about 3 000 cycles out of a total production of 13,153 in the country

Match factories Madras together with the districts of Ramanathapuram and Tirunelveli employ about 7,088 workers

Number of match boxes produced in the State 8 million match boxes out of a total of 26 million match boxes in the country

Number of tanneries 267 employing 9 417 workers

Value of exports of tanned hides and skins to overseas market About Rs 11 crores

Important minerals with their output during 1951, within brackets Mica (1 20 6 5 tons) Limestone (4 12 403 tons), Barytes (7 826 tons) China Clay (6 565 tons) Gypsum (24 699 tons) Magnesite (1,13 256 tons), Bauxite (1,111 tons)

TRANSPORT

Total mileage of roads 43 498 miles

Different classes of roads and the mileage of each class National highways (1 978 miles) Provincial highways (3 134 miles) Major District roads (15 903 miles) Other District roads (7 654 miles) Village roads (10 302 miles) P W D roads (711 miles) Municipal roads (3 816 miles)

Links of national highways within towns having a population of over 20 000 are at present being maintained entirely from State funds

Total expenditure incurred on post war road development works on Government roads up to end of 1952 53 Rs 5 4 crores

The Bus Transport in Madras City is Government owned The transfer to public ownership was carried out in stages starting in October 1947 and ending in June 1948

Number of routes on which Government are running buses 45

Total daily mileage 36 000

Number of surburban services owned and operated by Government 8

Number of mofussil services 4

The suburban and mofussil services operate from Madras to Nellore and Tirupathi

Total number of buses operated by the Government 338

ELECTRIC POWER

The aggregate power demand in the State during 1951 52 160 275 kW Generation 806 15 million units

Government-owned power stations The three hydro electric power stations at Pykara Mettur and Papanasam Two steam stations at Madurai, Madras

Demand and generation in the Government owned power stations 99 per cent and 97 56 per cent respectively of the total for the State The balance is made up by power purchased from other sources and generated by the licensee s stations

Total installed generating capacity of the Government owned stations 1 96 079 kW

Total route mileage of Government transmissions and distribution lines at the end of 1951 52 11 268 miles (5 983 miles of H T and 5 285 miles of L T lines) which form 72 per cent of the total for the State the rest belonging to private licensees and local authorities

Total number of consumers served in the State in 1951 52 339 605

Consumers served Directly by the Government 169 820 By the licensees distributing power purchased in bulk by the Government 162 848, By the generating licensees 6,937

Total number of licensee undertakings which have vested in the Government by the end of 1951 52 34

Net revenue to the Government from the electricity systems in 1951 52 Rs 167 28 lakhs yielding a net return of 7 07 per cent on the capital outlay

Budget estimate for gross revenue for 1952 53 Rs 319 71 lakhs

Budget estimate for capital outlay for 1952 53 Rs 710 Lakhs

Major new projects which have made considerable progress Madras and Madurai Thermal Schemes

An additional generating plant of 7 000 kW was commissioned at the Papanasam Power House in July 1951, under the Papanasam II stage extension

LAND

Net area sown and its percentage to the total area 31 822,544 acres and 39 1 per cent

	Fallow	Other uncultivated lands	Lands not available for cultivation being roads rivers, etc
Area in acres	6,173 719	8 605 057	14,778,716
Percentage to total area	7 6	10 7	41 1

Area of the forests and percentage to the total area of the land during 1950 51 14,211,377 acres and 17 4 per cent

Livestock census of 1951 Cattle 19 416 675 Buffaloes 7 866,352 Sheep 1 161 169 Goats 7,424 842 Horses and ponies 66 890, Mules 689

Statement showing the area under important food crops and the yield in 1951 52

	Area in acres	Yield in tons
Paddy	10,160,219	6,230 160
Millets	12,830 204	2,755 300
Pulses	2,920 018	247 460
Sugarcane	282 281	756 240**
Potatoes	18 646	46,540
Sweet Potatoes	50 903	193,770
Tapioca	77,931	241,250

** In terms of jaggery

The principal commercial crops of the State in order of the acreage under cultivation in 1951 52 were as follows

	Area in acres	Yield in tons
Groundnut	4,474 224	1 623,950
Cotton	1 768 032	411,090
Gingelly	774 980	84 750
Cocoanut	645 613	1 604 020 000 (nuts)
Tobacco	300,775	100 160
Pepper	110,757	7 420
Coffee	70,585	N A

Bananas mangoes and citrus are the most important fruit crops of the State The average area for three years ended 1951 52 under bananas was 160,269 acres with an yield of 1,099,338 tons under mangoes 259 863 acres yielding 718 880 tons, under citrus fruits 59,162 acres yielding 140,870 tons

* Particulars—apply to the undivided Madras State except the area, population, names of the Districts Some particulars about the residuary State of Madras are given on page 859 † Worked out from populations of Districts †† Now in Mysore

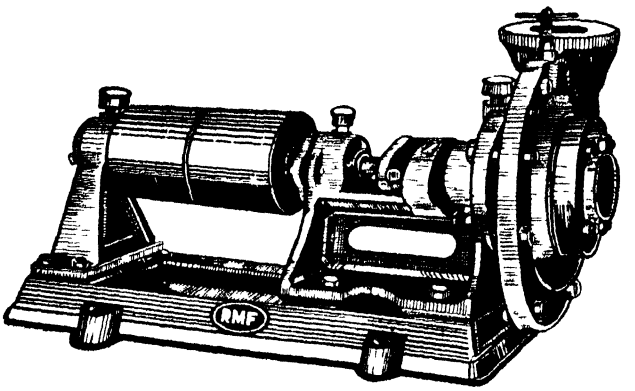
R. M. F. CENTRIFUGAL PUMPS

R. M. F. PUMP SETS, SUGARCANE CRUSHER

and

all other

agricultural implements



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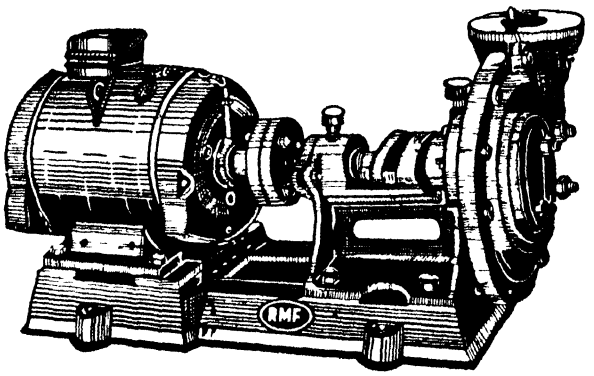

THE NATION

Greatly assists the "Grow More Food" campaign sponsored by our Government

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RAMU FOUNDRY

Pappanaickenpalayam - Coimbatore

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T.E.L.C. Building, Pondi Road, VILLUPURAM (Dist. S. Arcot).

IRRIGATION

Number of major projects under the irrigation programme of the State 13

All the major projects are under execution

Estimated cost of these projects Rs 45 65 crores

Total area expected to be benefited on completion of these projects 7 lakh acres

Number of schemes sanctioned as a short term measure and their cost 330 schemes costing about Rs 4 crores Most of them have been completed

Total area which will be irrigated by these schemes 300 000 acres

Old tanks kasams and other irrigation sources neglected for a long time in the areas taken over from the Zamindaris are also brought to standard under the scheme known as Tank Improvement Scheme

Area of total cultivated lands 82 264 million acres of which 10 144 million acres were under irrigation under the main sources Government canals, tanks, etc

FOOD POSITION

With the launching of the new food policy of decontrol and derationing by the Government in June 1952 procurement and statutory rationing were completely abolished The movement of rice and paddy within the State was restricted by formation of zones

Informal rationing was however introduced in the highly deficit districts of Malabar and the Nilgiris and Hosdrug sub taluk of South Kanara District Fair Price Shops were also opened

As a further step towards relaxation of control the supply of rice through fair price shops has been restricted to ex statutorily rationed urban areas The classification of cardholders as rice eaters mixed diet eaters and millet eaters has been abolished The cardholders in the ex statutorily rationed urban areas are permitted to draw wheat and or millets within the overall ration of 10 ounces per adult per day if they are willing to forego rice to the extent to which they wish to have the other grains in exchange

The Fair Price Shops in rural areas other than the informally rationed areas issue only millets and/or wheat upto 10 ounces per adult per day

With a view to meeting any possible emergencies, the Government promulgated a levy procurement Order to procure about 24 lakhs tons of rice from certain surplus districts

A total quantity of 1 78,088 tons of rice, 80,572 tons of wheat and wheat products and 1 80,173 tons of other grains which included a quantity of 7 027 tons of Madhya Pradesh jowar, were imported into this State during 1952

CO-OPERATION

Number of co operative societies in June 1952 25,241 Members 37 25 lakhs

Share capital Rs 1217 65 lakhs

Working capital Rs 94 53 crores

Total deposits held by the State Co operative Bank on 30th June 1952 Rs 402 38 lakhs

The State Co operative Bank has continued to guide, supervise and control the financial policy of the Central Banks

Total loans issued to Central Banks in 1952 Rs 975 62 lakhs

Working capital of the co operative central banks Rs 2185 85 lakhs

Their net profits Rs 20 66 lakhs

Co operation played an increasingly useful role in the distribution of controlled commodities, in raising food production and the manufacture of handloom goods and cottage industrial products

Number of milk supply unions on 30th June 1952 41

Number of members on their rolls 4 515 including 441 affiliated societies with a paid up share capital of Rs 3 59 lakhs

Number of milk supply societies on 30th June 1952 722 Of these 281 functioned independently and the rest served as feeder societies to the unions

Number of members on their rolls 69,203

Paid up share capital Rs 9 95 lakhs

Value of milk and milk products sold by these institutions during 1951 52 Rs 141 43 lakhs

Number of co operative primary stores on 30th June 1952 1 591 with 1 787 branches and sales depots and 24 wholesale stores

The sales turnover of both primary and wholesale stores Rs 43 12 crores

Purchases and sales of primary stores Rs 2 189 57 lakhs and Rs 2 188 56 lakhs respectively

Purchases and sales of wholesale stores Rs 1 836 34 lakhs and Rs 1 924 09 lakhs respectively

Important features of the working of the stores Procurement and sale of foodgrains distribution of mill cloth chemical fertilisers and iron and steel supplying articles to the Juvenile Borstal schools and certified schools

Central Land Mortgage Bank Ltd Amount of loans issued by the Bank in 1951 52 Rs 82 84 lakhs

The Bank has floated its 48th series of debentures to the value of Rs 72 lakhs bearing interest at 4½ per cent per annum and redeemable in 20 years the issue price being Rs 99 8 per cent

Government's guarantee for these debentures Rs 7 crores

Value of debentures in circulation on 31st January 1953 Rs 555 67 lakhs

Total amount of loans outstanding at the end of 1951 52 Rs 484 97 lakhs

LAW AND ORDER

Purely judicial work is discharged by magistrates who are under the administrative control of the High Court The Collector of the District and his executive subordinates still have magisterial functions to the limited extent of the preservation of public order and prevention of crime

The highest court for civil and criminal justice in the State is the High Court at Madras, consisting of a Chief Justice and 15 Puisne Judges

For the administration of criminal justice there are 35 Sessions Judges in the mofussil (including six for Agency tracts), Additional and Assistant Sessions Judges being provided to assist courts in which there is heavy work

The administration of civil justice is carried on by 27 District Judges 60 Subordinate Judges and 162 District Munsiffs

In Madras City there is a City Civil Court consisting of a Principal Judge of the rank of District Judge and three Additional Judges of the rank of subordinate judges There is a Small Causes Court consisting of a Chief Judge of the rank of a District Judge and three Puisne Judges of the rank of subordinate judges

Record of suits in Madras in 1951 One suit for every 198 persons

The Police Department is under an Inspector General of Police who has six deputies four in charge of ranges of the State, one in charge of the Railway Police and C I D and the sixth in charge of the Madras City Police as Commissioner of Police

A Superintendent of Police is stationed at each District

Sanctioned strength of the permanent police force 38,622 excluding the Malabar Special Police and the Special Armed Police Units

HOUSING SCHEMES

An urban housing scheme was introduced in the middle of 1947 Accordingly housing committees were formed in about 200 urban and rural centres By the end of March 1952, as many as 165 new urban housing societies were registered Further 20 housing societies which were functioning in the centres selected by housing committees, have been entrusted with the implementation of the urban housing schemes in their respective areas

Co operative House Building Society acquires sites for the establishment of a co operative housing colony and undertakes the construction of houses as the agent of its members according to type designs on an approved lay out plan

The houses are built by the society and their cost is debited as loan against the member concerned

2 Co operative House Construction Society based on the co partnership tenancy system It acquires sites prepares a lay-out plan constructs houses according to type designs and rents them out to its members on the hire purchase system Under the hire purchase system the tenant-member becomes the ultimate owner of the house if he makes an initial deposit equal to one fifth the cost of the house before occupation and pays off the balance with interest in a period of 20 years

The Society continues to be the owner of the house for a period of 10 years or till the cost of the house has been paid off, whichever is later

3 Co operative Township This acquires extensive lands and lays them out into house sites for the establishment of a new colony and advances loans to members for the construction of houses It also provides and maintains civic amenities for the colony such as roads parks, playgrounds water supply drainage and sewerage street lighting schools hospitals etc, thereby also functioning more or less like a Municipality

Number of the various housing societies as on 31st March 1952 Co operative housing societies 29 House building societies 73 House construction societies 13 Co operative townships 2

Total number of members on their rolls with the paid up share capital within brackets 24 800 (Rs 141 lakhs)

These societies are financed by the Government

Loans disbursed by the Government to the societies from 1st April 1947 to 31st March 1952 Rs 282 25 lakhs

Budget allotment for 1952 53 Rs 80 lakhs

Government loans outstanding against co operative housing societies at the end of March 1952 Rs 292 lakhs

Loans outstanding against individual members in ordinary building societies, house building societies and co operative townships at the end of March 1952 Rs 229 69 lakhs

Lands acquired and handed over to co operative housing societies by the staff for the acquisition of lands till the end of March 1952 2,120 acres

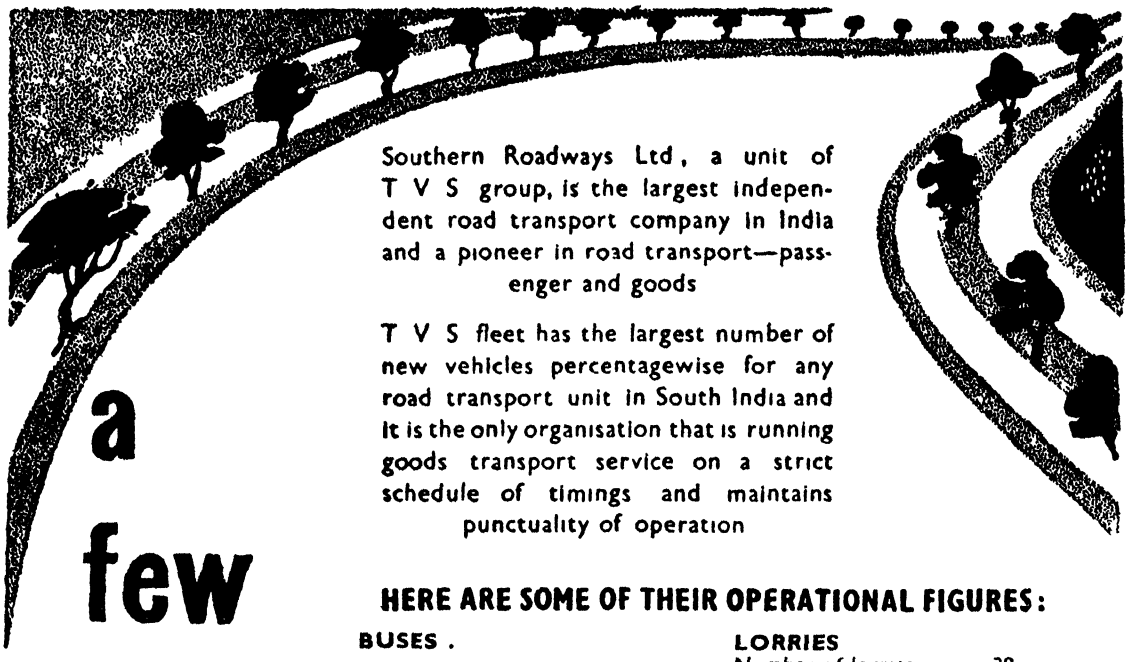
Total number of houses constructed by all types of housing societies with the aid of State loans till the end of 1952 5,825

Number of houses under different stages of construction at the end of March 1952 1,940

Co operative housing colonies in existence under the urban housing scheme Adyar Ayyanavaram in Madras City Perumalpuram in Palamcottah, Tanjore and Coimbatore

Colonies nearing completion Attur, Kovvur Palani, Salem

Colonies under construction In 17 other centres in the State Major portion expected to be completed during 1953 54



Southern Roadways Ltd, a unit of T V S group, is the largest independent road transport company in India and a pioneer in road transport—passenger and goods

T V S fleet has the largest number of new vehicles percentagewise for any road transport unit in South India and it is the only organisation that is running goods transport service on a strict schedule of timings and maintains punctuality of operation

a few facts about Southern Roadways LTD. MADURAI

HERE ARE SOME OF THEIR OPERATIONAL FIGURES:

BUSES .

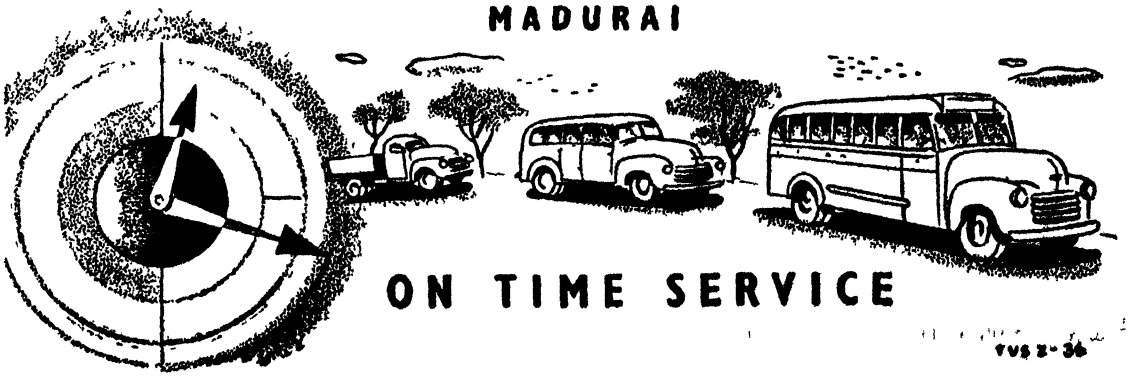
Number of buses	305
Number of bus routes	100
Total route mileage	2,725
Bus miles per year	13 millions
Number of persons carried every year	35 millions
Area of operation	15,146 square miles
Population served	7 1 millions
Average seating capacity	35

LORRIES

Number of lorries	38
Routes operated	21
Area served	All districts South of Madras, United State of Travancore-Cochin and Mysore
Route mileage	3,500
Lorry miles operated in a year	22 lakhs
Tonnage of goods transported in a year	48,000

GENERAL

Total number of employees	2,150
Salaries & Wages paid in a year	Rs 24 lakhs



ON TIME SERVICE

TVS 2-36

Government help to Co operative housing societies Provides long-term loans repayable in 20 years at comparatively cheap rates of interest Introduced a rural housing scheme to enable solvent villagers to construct houses with the aid of the long term Government loans

Number of rural housing societies registered 40

Number of members at the end of March 1952 775 Paid-up share capital Rs 1 13 lakhs

Number of loans sanctioned upto end of March 1952 42 loans amounting to Rs 1 66 lakhs

Number of houses constructed 32 in four housing societies

Budget allotment as loans to rural housing societies for 1952 53 Rs 10 lakhs

Help by the Madras Corporation Has constructed so far nearly 2 000 tenements costing about Rs 30 lakhs in different parts of the City, for housing its own employees Has provided plots in well laid out colonies with all amenities for about 2 000 families

Took up the Shenoy Nagar Housing Scheme in 1946 47 126 houses already completed out of the 1,000 houses provided for in the scheme Plinth area of these ranges from 638 square feet having a rent of Rs 28 per mensem, to 2,381 sq ft having a rent of Rs 160 per mensem

62 houses of independent detatched type for middle class group are nearing completion Has constructed 40 small houses in Tondiarpet and Royapuram for the lower income group

The Corporation raised loans from the Government for executing all these schemes

Slums : There are 241 slums in the City It was decided to raise a loan of Rs 30 lakhs from the open market to improve the slums Raised Rs 15 lakhs as the first instalment of loan Improvements effected in 52 slums, slums provided with dustless roads, drainage, lighting and water supply

125 tenements are under construction for providing alternative accommodation for families shifted as a result of improving the slums Besides, 25 acres of land is under aquisition The land is to be divided into convenient plots and allotted to the families in slums

The Corporation has launched upon a programme for constructing plinth and allotting them to tenants Plinths are provided with water supply, F O L s for each plinth and gully connections to the sewer Roads are laid and lighted The tenants put up superstructures according to an approved design Here the worker becomes the owner of the plot

The establishment of a Housing Board for Madras City for undertaking housing schemes for the lower income groups, is under the consideration of the Corporation

Coxcheri General Improvement Schemes Taken up in 1948 Two blocks providing accommodation for 48 families completed Other schemes, some of which have been approved by the Government and are in the initial stages of execution, are for clearing slums and for providing house plots to the poor and middle classes Financed partly by Government and partly from the trust funds

Housing of Harijans Government have undertaken to provide every family of Harijans or convert from Harijans with houses-sites if they do not own one Upto 1949 the Government bore the entire cost of lands acquired for communal and common purposes and half the cost of house-sites subject to the limits of Rs 150, Rs 250 and Rs 350 per acre of dry, garden and wet lands respectively, the remaining cost being recovered from the Harijans in easy annual instalments Assignments ordered to be free of cost from 1949 if Harijans are unable to pay.

Number of house-sites assigned upto 1949 50 from lands at the disposal of Government 29,208

House sites assigned by acquiring private lands at a cost of Rs 24,23,746 46,001

Industrial Housing : A sum of Rs 9 lakhs has been allotted to Madras by the Government of India as interest free loans for encouraging industrial concerns to build good houses for their workers The loan will cover two thirds of the cost, the remaining one third to be advanced by the employers The amount has been allotted to four applicants

Under the Subsidised Industrial Housing Scheme the Government of India propose to give to the companies 25 per cent of the total estimated cost of construction of houses including the cost of land as subsidy and 37½ per cent as loan at 4½ per cent per annum repayable in 15 years

The companies have expressed their desire to take advantage of the subsidised housing schemes abandoning the old scheme The question is under the consideration of the Central and State Governments in the light of the new development

EDUCATION

The State wide adoption of basic education *i e* craft centred education at the primary stage has been accepted as the aim of the Government Accordingly, the existing elementary schools and ordinary training schools are being converted into the basic type Year after year, new basic schools and basic training schools are also being opened

Expenditure on education in the State in 1952 53 Rs 1,200 lakhs

Amount set apart for the first half of the year 1953 54 Rs 650 lakhs

Types of institutions with the total number of institutions and scholars respectively within brackets Universities (3 2,967), Colleges for General Education (66 43,065), Colleges for Professional Education (31 8 298) Colleges for Special Education (32 1,515), High Schools (1,117 , 602,635), Middle Schools (682 , 55,014) Primary Schools (38,443 , 4,070 079), Nursery Schools (26 1,249), Schools for Professional Education (576 46 206) Schools for Special Education (1,279 , 40,525)

Total expenditure incurred on institutions in the State giving the different sources of money and actual amount drawn from the respective sources and spent on the institutions within brackets Rs 21,91,78 465 (Government Funds Rs 12,13,89,831), (District Board funds Rs 2,53,34,800), (Municipal Board funds Rs 83,12,199), (Fees Rs 3,59 83,604) (Endowments, etc Rs 27,22,377), (Other sources Rs 2,54,35,654)

BUDGET 1953-54

Budget estimate for 1953 54 Revenue (Rs 65,74,71,000), Expenditure (Rs 65,74,51,000), Surplus (Rs 20,000)

Total prohibition has been in force in the State since October 2, 1948 involving a loss of excise revenue of Rs 16 5 crores A sum of Rs 11 lakhs in 1952 53 were set apart towards the payment of the balance of compensation to zamindars whose estates were taken over under the Zamindari Abolition Act 1948 A provision of Rs 25 lakhs has also been made for this purpose in the budget for 1953 54 The estates are being taken over in batches

POPULATIONS OF DISTRICTS

North Arcot 2 859 157 , South Arcot 2,776 767 Chingleput 1,853 619 , Coimbatore 3,293,204 , Malabar 4,758,342 , Madras 1,416,056 , Madurai 2,891,817 , Nilgiris 311,729 , Ramanathapuram 2,080,519 , Salem 3,371,769 , South Kanara 1,748,991 , Tanjore 2,982,670 , Tiruchirapalli 2,943,882 , Tirunelveli 2,445,967

RESIDUARY STATE

The following facts about the residuary State are available

Total area 3,86,32,000 acres Forest 39 19,000 , Area not available for cultivation 64,47,000 Other uncultivated land 55,78,000 , Current fallow 56,17,000 , Net area sown 1 48,77,000 , Total cropped area 1 70,78,000 , Area sown more than once 22,01,000

AREA AND CROPS IRRIGATED

Area irrigated by Government Canals in acres 18 90 000 acres Private Canals 5 000 , Tanks 13,45,000 Wells 10,49,000 , Other Sources 1,23 000 , Total 44,12,000

Crops irrigated in acres Rice 37 56 000 , Jowar 3,49,000 Bajra 1 23,000 Maize 8,000 , Ragi 3 82,000 Wheat 1,000 , other cereals 79,000 , Total 46 98,000

Tur 1,000 acres, other pulses 19,000 , Total 20,000

Total food grains 47,18,000 acres

Sugarcane 1,25,000 acres

Other crops 98,000 acres

Total food crops 49,41,000 acres

Cotton 1 33,000 acres other non food crops 3,45,000

Total non food crops 4,78,000 acres

Total 54,19,000 acres

AREA UNDER PRINCIPAL CROPS

Rice 57,80,000 acres Jowar 17,78,000 Bajra 13,36 000 Maize 11 000 , Ragi 8,76 000 , Small millets 14,40 000 , Wheat 4,000 , Barley 1,000 , Total cereals 1,12,26,000

Gram 5 000 acres , Sugarcane 1,33,000 , Tobacco 55,000

Groundnut 17 45,000 acres , Castor 35,000 , Sesamum 3 73,000 Rape and Mustard 1,000 , Total oil seeds 21,54,000

Cotton 8,81,000 acres

PRODUCTION OF PRINCIPAL CROPS

Rice 23,02,000 tons , Jowar 4,56 000 , Bajra 2,62,000 Maize 4,000 , Ragi 3,23,000 , Small millets 3,58,000 , Wheat 1 000 tons , Total cereals 37,06,000

Gram 1 000 tons , Sugarcane (Gur or jaggery) 3 45,000 , Tobacco 24,000 tons

Groundnuts in shell 6,79,000 tons , Castor 5,000, Sesamum 39 000, Total oilseeds 7,23,000

Cotton 2,98,000 tons

YIELD PER ACRE OF FOOD CROPS

Rice 10 84 maunds , Jowar 6 98 , Bajra 5 34 , Maize 10 69 , Ragi 10 05 , Small millets 6 77 , Wheat 3 30 Barley 9 05 , Gram 4 23 , Sugarcane (Gur or jaggery) 70 43

YIELD PER ACRE OF CASH CROPS

Tobacco 11 92 maunds Groundnut (in shell) 10 60 Castor 4 28 , Sesamum 2 83 , Rape and mustard 2 26 , Cotton (Lint) 1 62

DIVISIONS

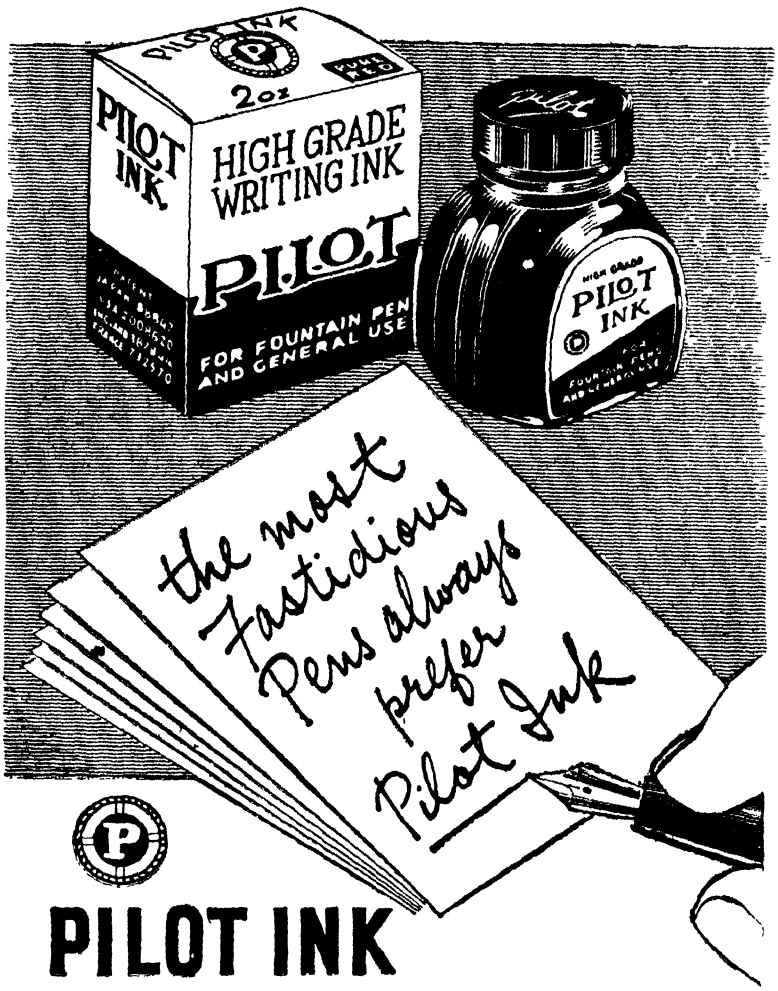
The 14 Districts of Madras are grouped into three divisions

1 Madras with jurisdiction over Madras, Chingleput North Arcot, South Arcot, Salem and Tanjore

2 Madurai or Tiruchirapalli or Pudukottai according to the availability of building with jurisdiction over Tiruchirapalli, Madurai, Ramnad and Tirunelveli

3 Coimbatore or Nilgiris according to the availability of building with jurisdiction over Coimbatore, Nilgiris, Malabar and South Kanara

The District Commissioners look after the revenue work in their divisions and also co ordinate development and nation building work



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Armenian Street, Madras 1
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GOVERNMENT OF MADRAS*

ADMINISTRATION

GOVERNOR

Sri Prakasa

PERSONAL STAFF

Comptroller Governor's Household N Parasuraman

Military Assistant Major Rajkumar Dasu Bhagvandas Engineers

Honorary Surgeon, Dr Wuvvuru Achiah Naidu

Aide de Camp, Capt K I Bopaya Signals

Hon Aide de Camp Hon Capt Madaiswamy Govindaswamy late of Army Service Corps

CABINET

Chief Minister Public Home (Police) K Kamaraj Nadar

Health Co-operation, Housing Ex Servicemen A B Shetty

Agriculture Animal Husbandry Women's Welfare Industries and Labour, M Bhaktavatsalam

Finance, Food Education Law Courts and Prisons C Subramaniam

Transport Harijan Uplift Hindu Religious Endowments Registration and Prohibition B Parameswaran

Public Works, Shanmuga Rajeswara Sethupathi (Raja of Ramnad)

Revenue M A Manickavelu Naicker

Local Administration S S Ramaswamy Padayachi

SECRETARIAT

CHIEF SECRETARY'S BRANCH

(Deals with the services law and order preventive detention, High Court Judges military, internal security and aliens)

Chief Secretary K Ramunni Menon I C S

Chief Electoral Officer and Ex Officio Deputy Secretary M A Sheriff I A S

Deputy Secretary, I N Lakshminarayanan I A S

Under Secretary, R Balasubramanian I A S

Private Secretary to Chief Secretary C Ramachandran I A S

AGRICULTURE DEPARTMENT

Secretary R A Gopalaswami I C S

Addl Secretary (Ex Officio) and Director of Community Projects T S Ramachandran I C S

Joint Secretary (Ex Officio) and Director of Rural Welfare G Venkatachalapathy

Deputy Secretary N Murugesa Mudaliar

Deputy Secretary, Rural Development Projects, N V Sugavanam, I A S

Assistant Secretaries, N Adiseshan C Ramachandra Chetty, V Vasudevan M Sargunam

FINANCE DEPARTMENT

Secretary, T A Verghese I C S

Deputy Secretary K Srinivasan I A S

Addl Deputy Secretary, R Rangachari B A (Hons)

Assistant Secretaries, P Subramania Iyer B A (Hons), D J C Devakadaksham, B A, S Ramakrishna, B A

HEALTH, EDUCATION, LOCAL ADMN

Secretary, S Venkateswaran I C S

Deputy Secretary, Syed Abdus Subhan, I A S

Additional Deputy Secretary J I Arputhanathan

First Assistant Secretary V Ramaswami Iyer

Second Assistant Secretary K Somasundaram Chettiar

Third Assistant Secretary C Natesa Mudaliyar

HOME DEPARTMENT

(Deals with jails Motor Vehicles Act Arms Act Passports prohibition separation of the judiciary from the executive rent control displaced persons and evacuee property)

Secretary T N S Raghavan I C S

Deputy Secretary J Subbuswamy I A S

Addl Deputy Secretary V Sivarama Menon

Special Officer for revision of Court Fees Act C S David

Under Secretary S Chidambaram I A S

Assistant Secretaries P I Sreekumara Panikker S Balakrishnan V Thillaigovindan M Babu Shetty

INDUSTRIES LABOUR AND CO-OPERATION DEPARTMENT

Secretary J M Tobo Prabhu I C S

Deputy Secretary S Aruldoss I A S

Assistant Secretaries S Sankaralinga Doss B A C P Gopalan Nayar B A (on leave) P Ambikaimathan Pillai B A T V Krishnan kutty Warrier B A (Hons) A Somasundara Mudaliar, B A

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Secretary and Remembrancer of Legal Affairs V Subrahmanyam

Joint Secretary A Alagiriswami

Deputy Secretaries K V Gopalakrishnan Nayar N Swaminathan

Assistant Secretaries S Gopalakrishnaiya K G Viswanatha Ayyar C J Venkatachari K S Ramaswami Ihevar

PUBLIC WORKS DEPARTMENT

Secretary T M S Mani I C S

Deputy Secretary M S Ram I A S

Additional Deputy Secretary I V Natesa Mudaliar B A

Assistant Secretaries D Amalorpavanathan B A S Krishnamachari M A V John Chundy B A V M V Vaidyanathan

REVENUE DEPARTMENT

Secretary S K Chettur I C S

Deputy Secretary I J Jacques I A S

Addl Deputy Secretary A R Rajarathnam I A S

Under Secretary C V R Panikkar I A S

Assistant Secretary I S Rangaswami

Addl Asstt Secretary P Arumuga Mudaliar

Acting Addl Asstt Secretary I Nambi Nair

ACCOUNTANT GENERAL'S OFFICE

Accountant General A Balakrishnan

Dy Accountant General (Sr) N Narayanaswamy

Dy Accountant General (Sr) D A Qadri

Examiner, Outside Audit Department A R Shirali

Examiner Outside Audit Department (Commercial) T Rajagopalan

Asstt Accountant General (Inspn) A S Nageswaran

Asstt Accountant General (Inspn) Gazetted Audit, R Chinnappa

Principal S A S Trg School, P K Gnanasagaram

Principal I A S Trg School, V K Subramanyam

AGRICULTURAL DEPARTMENT

Director of Agriculture M S Sivaraman, I C S

Personal Assistant to the Director of Agriculture, V Seetharama Servai B A

Headquarters Deputy Director of Agriculture (Engineering) B M Lakshmipathy Mudaliar, B E M E, M R A S E

Headquarters Deputy Director of Agriculture (Research) Dr K C Naik

Headquarters Deputy Director of Agriculture (Inspection) S N Venkatramana Ayyar, B A B Sc (Ag)

Accounts Officer K Viswanathan Nair B A

Gazetted Assistant Office of the Director of Agriculture Madras I Natarajan B A B Sc (Ag)

Assistant Marketing Officer (Chemical Manures), D Shanmugasundaram B Sc (Ag)

Headquarters Assistant Agricultural Engineer C S Sridharan B E (Mech), A M I E (Ind)

Assistant Agricultural Engineer (Central Agricultural Engineering Stores) Madras I Radhakrishnan M A, B A I (I C D)

Junior Accounts Officer (Internal Audit) I Krishna Shetty

State Marketing Officer Madras V Satagopa Ayyangar I (Ag)

Principal Agricultural College, R Balasubramanian B A B Sc (Ag)

ANIMAL HUSBANDRY DEPARTMENT

Triplicane Post, Madras

Director of Animal Husbandry, V R Rajagopalan C M V C, Diploma in Bacteriology (Manchester)

CENTRAL EXCISE

Collector of Central Excise, A C Whitcher

Deputy Collector of Central Excise Vyas Dev

Headquarters Assistant to the Collector of Central Excise, C J Kendall

Assistant Collector of Central Excise, Preventive Intelligence V Ramiah

CHIEF INSPECTOR OF FACTORIES

(Nungambakam Madras 6)

Chief Inspector of Factories Madras, P V Viswanathan

Regional Inspector of Factories Tiruchirapalli P Periayagam

Regional Inspector of Factories, Madras, T V Lakshmanaswamy

Regional Inspector of Factories, Madurai, P Duraiswamy

Regional Inspector of Factories, Coimbatore, M A Natarajan

Regional Inspector of Factories, Kozhikode, C P Srecnivasan

Regional Inspector of Factories, Coimbatore, I R Srinivasan

Inspector of Factories Madras AII P R Surendranathan

Inspector of Factories Madras VIII K Alippy

Inspector of Factories, Vellore, R J W Moses

Inspector of Factories, Tanjore S Ranganathan

Inspector of Factories, Madurai S Paramanayakam

Inspector of Factories, Tirunelveli, V Govind

Inspector of Factories, Mangalore, A Mariappan

Inspector of Factories Salem, P Somasundaram

Inspector of Factories Tiruppur, A P Balakrishnan

Inspectress of Factories, Coimbatore, Dr (Srimathi) V Sundaram

* Residuary State

GOVERNMENT CINCHONA DEPARTMENT

Ootacamund

Director, A Yoganandaswami, M A , M Sc , Tech (Manchester)
Personal Assistant to the Director, P R Shrinivasa Rao
Chief Accountant, P Kuttikrishnan Nair, B A
Manufacturing Chemist, Government Quinine Factory Naduvatam, T N Ananthanarayanan, B Sc (Agri), M Sc
Superintendent, Government Cinchona Plantations Naduvatam N J Srishta, B Sc (Agri)
Civil Assistant Surgeon Vaduvatam, Dr A N Sam Rao M B B S
Superintendent, Government Cinchona Plantations, Anamallais Cinchona P O K E George, B A , B Sc (Hons)
Cinchona Propagation Superintendent Government Cinchona Plantations Anamallais, M Mohan Rao B Sc (Agri), M Sc
Medical Officer, Government Cinchona Plantations Anamallais, Dr V K Pillai, M B B S
Woman Assistant Surgeon, Government Cinchona Plantations Anamallais Dr (Kumari) T M Sundari Bai I M P

CO-OPERATIVE DEPARTMENT

Chepauk Madras

Registrar of Co operative Societies I C Ryan M A I A S
Joint Registrar and Deputy Commissioner Prohibition (Amelioration) A Palaniappa Mudaliar M A
Jt Registrar, V Balasundram I A S

CUSTOMS DEPARTMENT

Post Box No 55 Custom House Madras 1

Collector of Customs O Krishnan
Asstt Collector of Customs (on leave) C T A Pillai
Asstt Collectors of Customs M Ganesh Rao, V S Ramaswamy Iyengar
Collector of Customs Cochin, I H Butani

EDUCATION DEPARTMENT

Director of Public Instruction O C Srinivasan, B A , I T
Deputy Director of Public Instruction (Finance and Personnel), N D Sundaravadivelu, M A , I T
Deputy Director of Public Instruction (Elementary Education), Dr M D Paul M A , M Sc , I T , Ed D (Columbia)
Deputy Commissioner for Government Examinations, P K Ranganayakulu B A I T
Principal, Presidency College, Madras I Balakrishnan Nair M A (Lond) L T
Principal Teachers College Saidapet, I P Santanakrishna Naidu, B A L T
Divisional Inspector of Schools, Coimbatore, S Mohamed Usman, M A I T
Divisional Inspector of Schools Madurai, A Gopala Iyer, B A L T
Principal, College of Engineering, Guindy, Lt Col S Paul B F
Principal Government College of Technology, Coimbatore, Major B H Marley, B F

ELECTRICITY DEPARTMENT

157, Mount Road, Madras 2

Chief Engineer for Electricity G Sundaram, M A , M I E E (Chartered Electrical Engineer)
Part time Consulting Engineer to Government (Civil) S R Krishnamurthy, B E , M I E (Ind), C E (Hons)
Chief Operation Engineer (North) N R Narasimhamurthy, B Sc (Mysore Univ) B E
Chief Operation Engineer (South), M B Kandaswamy, B A B E , M F (Hons), M I E (Ind)
Superintending Engineer, Technical (Electrical), V P Appadurai, B A , Certificate of Proficiency in Electrical Technology at the Indian Institute of Science Bangalore
Superintending Engineer, Technical (Civil), H Ananthayya, B A , B E
Superintending Engineer, Madras Electricity System (Distribution), A R Narayana Rao, B E (Mech), M I E E M I R (Ind), Certificate of Proficiency in Electrical Technology at the Indian Institute of Science Bangalore
Chief Electrical Inspector to Government, K V Karantha, M A Certificate of Proficiency in Electrical Technology at the Indian Institute of Science Bangalore
Superintending Engineer (Generation), Erode, V K Govinda Menon B Sc (Engg)
Superintending Engineer (Generation) Madras Electricity System, Madras P V A Narayana murthy, B E , Certificate of Proficiency in Electrical Technology at the Indian Institute of Science, Bangalore
Superintending Engineer Mettur Dam, K M Kuruvilla (Mechanical Engineer)
Superintending Engineer, Papanasam L Lakkam baram, A M I E (Ind) (Mech Engr), M I E (Ind)
Superintending Engineer, Pykara, Coimbatore, C E Prager, B E (Al)
Superintending Engineer, General Construction Circle, Tiruchirapalli, P M Chengappa, B E , C E , M I E (Ind)
Chief Controller of Accounts Madras, K M Subramaniam

FISHERIES

Director of Industries Fisheries and Controlled Commodities E P Royappa, M B E (Mly) I A S
Dy Director of Fisheries (South) V John B A F T S
Dy Director of Fisheries (North) D D Peter Devadas, B A

INCOME TAX DEPARTMENT

Office of the Commissioner of Income tax Madras

Commissioner of Income tax H C Chaudhuri
Inspecting Assistant Commissioner Range I N H Naqvi
Inspecting Assistant Commissioner Range II P V Kuruvilla
Appellate Assistant Commissioner A Range Syed Noor
Appellate Assistant Commissioner, B Range J Das
Appellate Assistant Commissioner, C Range, A B Sundaresan
Appellate Assistant Commissioner Tiruchirapalli, (Vacant)
Inspecting Assistant Commissioner, Madurai Range Madurai R Kodandarama Ayyar
Appellate Assistant Commissioner Madurai C A J Mascarenhas
Inspecting Assistant Commissioner Coimbatore Range Coimbatore S M Pai
Appellate Assistant Commissioner, Coimbatore, N Ramaswamy Ayyar
Appellate Assistant Commissioner, Kozhikode A Francis Sawmy

INDUSTRIES, FISHERIES AND CONTROLLED COMMODITIES DEPARTMENT

Director of Industries, Fisheries and Controlled Commodities, E P Royappa I A S
Joint Director of Industries and Commerce, P Govinda Menon B E , M I E
Deputy Director of Industries and Commerce (Marketing), V S Raghavan, M Sc
Deputy Director of Industries and Commerce, (General) V Dattatreyan B E
Personal Assistant to the Director of Industries and Commerce, A Dorairaj, B A , B L
Industrial Engineer, S Gopala Iyer
Inspector of Industrial Schools, S Dattatreya, B E
Accounts Officer, K I Karunakaran, B A
Special Engineer (Mines), C S Ramu, B Sc (Mech)
Special Officer for Power Drills, R Bharathan, I R S
Deputy Director of Fisheries, D Peter Devadoss, B A
Deputy Director of Fisheries, V John, B A , F T S
Special Officer, Iron Steel and Cotton, D Samuel, B A
Special Officer, Textiles, R Subramaniam, B Sc , B L

INSPECTOR GENERAL OF PRISONS

(North Beach Road, Madras 1)

Inspector General of Prisons, Vacant
Assistant Inspector General of Prisons, J V Willmott

JUDICIAL DEPARTMENT

HIGH COURT OF JUDICATURE, MADRAS

Chief Justice, Rajamannar, Mr Justice P V , B A , B L
Judge, Satyanarayana Rao, Mr Justice P , M A , M L
Judge, Govinda Menon, Mr Justice P , B A , B L
Judge, Subba Rao, Mr Justice K , B A , B L
Judge, Rajagopalan, Mr Justice P , I C S
Judge, Mack, Mr Justice E E , I C S , Bar-at-Law
Judge, Somasundaram, Mr Justice N , B A , B L
Judge, Raghava Rao, Mr Justice Ch , M A , B L
Judge, Ayyar, Mr Justice, A S P , M A , I C S , Bar at Law
Judge, Balakrishna Ayyar, Mr Justice P V , I C S
Judge, Chandra Reddy, Mr Justice P , B A , B L
Judge, Krishnaswami Nayudu, Mr Justice W S , B A , B L
Judge, Basheer Ahmed Sayeed, Mr Justice, B A , B L
Judge Ramaswami, Mr Justice P N , I C S
Judge, Venkataramayyar, Mr Justice T L
Judge Ramaswami Gounder, Mr Justice K
Advocate General, Madras V K Tiruvenkatachari
Government Pleader, Satyanarayana Raju, P , B A , B L
Editor, Indian Law Reports Aingar, R N , Bar at Law
Law Reporter Chowdary, V V , M A B L , L L D , Bar at Law
Law Reporter Kotyswara Rao, N
Law Reporter Rajagopalachariar, K S
Public Prosecutor, Rangaswami Ayyangar, V T , B A , B L
Secretary Rule Committee Viswanatha Iyer B V , B A , B L
Sheriff of Madras, P V S Venkatachalam
Registrar, High Court R Jayaram Ayyar
Master, S K Gajendram Nayudu
Dy Registrar V T Kandaswami
Official Referee, V Krishnaswamy
1st Asst Registrar, Original Side and Clerk of the Crown V Ramanujachari
Asstt Registrar, Appellate Side, B Somanatha Rao
2nd Asstt Registrar, Original Side, P Venkataramamurthy
Sub-Assistant Registrar, Appellate Side, T H Raghothama Rao
Sub Assistant Registrar, Administrative Dept , K Srinivasan
Administrator General and Official Trustee, Madras Govindan, N , B A , B L
Official Assignee, Sivaramakrishniah, P , M A , B L
State Prosecutor Govind Swaminathan, S , M A (Oxon), Bar-at-Law

CITY CIVIL COURT

Principal Judge A K Ramachandra Aiyar, M A , B L
I Additional Judge, C D Venkatramanan, B A , B L
II Additional Judge, G K Damodara Rao, B A , B L
III Additional Judge, N Venkatarama Ayyar, M A
Sheristadar T V Varadaraja Pillai
Head Clerk, K Mohammad Matharshah, B A

SMALL CAUSES COURT

Chief Judge, Rafiuddin Ahmed, B A , B L
Second Judge, V Pattabhiramalya, B A , B L
Third Judge, M Sriramamurthi, B A , B L
Addl Prisne Judge, T V Subramania Aiyar, B A , B L
Registrar, N K Vinayakam, B A , B L

PRESIDENCY MAGISTRATES' COURTS

Egmore, Madras

Chief Presidency Magistrate, P Ramakrishna Ayyar, I C S
Second Presidency Magistrate, P Natesan, B A, B L
Third Presidency Magistrate, T A Ramakrishna Mudaliar M A B L
Fourth Presidency Magistrate, V Ramaswami Ayyar, B A, M L
Fifth Presidency Magistrate, C D Natarajan, M A B L
Sixth Presidency Magistrate, K V Sambandam, M A, B L
Seventh Presidency Magistrate, T R Narayanan, M A, M L
Eighth Presidency Magistrate, M Murugesa Mudaliar B A, B L

LABOUR AND FACTORIES DEPARTMENTS

Post Box No 429, Madras 5

Commissioner of Labour, Commissioner for Workmen's Compensation, Registrar of Trade Unions, etc, C G Reddi I A S
Assistant Commissioner of Labour, and Additional Commissioner for Workmen's Compensation, K Srinivasan B A
Chief Inspector of Factories P V Viswanathan, Associate in Mining Engineering (Dhanbad)

MEDICAL DEPARTMENT

(Madras 6)

Director of Medical Services Lt Col Sangham Lal M B B S F R C S (Eng) D O M S (Lond)
Dean, Government General Hospital and Madras Medical College, Dr C K Prasada Rao, M D
Dean, Stanley Hospital and Stanley Medical College Madras Dr K N Pishoroty M D, M R C P (Lond) D T M (Cal)
Director, Upgraded Department of Venereology, Government General Hospital, Madras, Dr R V Rajam M S M R C P (Edin)
Director, Upgraded Department of Obstetrics and Gynaecology, Government Hospital for Women and Children Madras Dr R K K Tampan, B A, M B B S, F R C O G D G O (Madras), F R C S (Edin)
Director, Tuberculosis Institute and Tuberculosis Clinics Madras Dr (Srimati) S Philips, M B B S, M R C P (Edin)
Superintendent, Tuberculosis Sanatorium, Tambaram Major K N Rao, M D, D G O, F C C P F I C S
Superintendent, Mental Hospital, Madras, Dr A S Johnson, B A, M B B S, M R C P Psy (Edin) F I P S
Superintendent, Government Ophthalmic Hospital, Madras, Dr R E S Muthayya, M B B S, L O, M S (Oph), D O (Oxon)
Director, King Institute, Guindy, Madras Dr Y S Narayana Rao, M B B S, D T M (Cal), D B (Lond)

POLICE DEPARTMENT

Inspector General of Police, J Devasahayam, I P
Commissioner of Police, S Parthasarathy Ayyangar, I P
Deputy Inspector General of Police, Western Range at Coimbatore, O L Burrell, O B E, I P
Deputy Inspector General of Police, Railways and C I D, Madras, V R Rajaratnam, I P
Deputy Inspector General of Police, Southern Range, Madurai, M Krishna Menon, I P
Assistant Inspector-General of Police, Madras, F V Arul, I P

POSTS AND TELEGRAPHS DEPARTMENT

Postmaster General, Madras, K P Sen, B Sc

CIRCLE OFFICE, MADRAS (POSTAL)

Director of Postal Services (S), S N Das Gupta, M A
Director of Postal Services (C), A Swaminathan, M A
Asstt P M G (Mail), M Janardhan, M A
Asstt P M G (S & E), G Subba Rao, B A
Asstt D P S (I), R Subramaniam, M A, B L
Asstt D P S (T), P B Krishna, B A

TELEGRAPH TRAFFIC AND ENGINEERING

Director of Telegraphs (South), K V Ranganathan
Director of Telegraphs (North), D N Ramachandani, B E
P A T to P M G, M K Padmanabhan
P A (Engg), M A Chelliah B A
A E (Works), N Mahadevan M A

MADRAS CITY

Presidency Postmaster, Madras, Chuni Lal
Offg Dy P P M, A C David, B A
Senior Supdt, R M S, Madras Sorting Division, S R Krishnamurthy, M A
Manager, Mail Motor Service, P R Sadashiva Rao, L A E
Offg S P, Madras City (North) Dn, S D Murthy
Offg S P, Madras City (South) Dn, V Sundaram, M A

CENTRAL TELEGRAPHS OFFICE, MADRAS

Chief Supdt, C T O, Madras, M Umesh Rao
Asstt Supdts, C T O, Madras, C O Sandys, M K Rajagopalan, C Narayanaswamy, C St C Hughes, S Nagarathnam Pillai *(on leave)*, R Kuppuswamy

DIVISIONAL/GROUP OFFICERS AND HEADS OF OFFICES

Senior Supdt, Madurai, M K Shyam Bhat, B A (Hons)
Senior Supdt, Bangalore, George Cherylay, B A
Offg Supdt, Vellore V Appuswamy Iyer, B A
Offg Supdt South Kanara, R B Viswanathan B A (Hons)
Offg Supdt, Malabar P A Mastamani Pillai
Supdt, Trivandrum, V Srinivasan B A
Supdt, Tirunelveli, G Chinnaswamy Iyer B A
Supdt Tiruchirapally, N Subramaniam B A
Offg Supdt, Chingleput R Raman M A Dip Econ
Offg Supdt, Tanjore P Venkatesan, B A
Offg Supdt, Trichur K N Prabhu
Supdt, Salem Khawaja Yar Khan
Offg Supdt, Kottayam Capt S A Salam B A
Offg Supdt, South Arcot Dn, P S Vengu Iyer
Supdt, Bellary, K V Subramania Aiyer
Offg Supdt, Nilgiris, O C J Rego
Offg Supdt, Mysore, N S Nair

R M S

S R M M Dn, Dr K Ramamurthy M Sc, Ph D
S R M 'T' Dn, S Raghavan, B A

POSTAL

Postmaster, Bangalore, K S Subbiah B A
Postmaster, Madurai, C F Fernandez

HYDERABAD SUB CIRCLE

D P S, Major M Dayal, M A
Dy D P S, Major C A Dhayananthan
Offg A D P S, P G Poduval
A D P S (Mails & Complaints), A K Narsing Rao
Sr Supdt, Hyderabad City, T R Sankaran M A
Supdt, Nizamabad, S B Raut
Supdt, Warangal, Major R V Ramana, B A, M B E
Offg Supdt, Aurungabad, I N B Chopra
Offg Supdt, Gulbarga, H L Sekhir
Supdt Bidar Dn, J R Dawson B A
S R M 'Z' Dn, Mohd Zainulabidin
Postmaster, Hyderabad, V R Ratnaparkhi

TELEGRAPH ENGINEERING

D E T, Madras, M V Rama Varma, B A, B Sc (Engg) (London), A M E (India), A M I R L
D E T, Bangalore, V R Venugopal, B E
D E T, Trivandrum, V A De'Conceicao
D E T, Hyderabad, K V De Patel, B Sc (Engg) (St Andrews), A M I E (India), A M I R E
D E T, Tiruchirapalli, V P Krishnaswamy, B A
Dy D E T, Bangalore, S A Garson
Dy D E T, Hyderabad, M N Venkataraman
Dy D E T, Madras, D J Lewis, B Sc
Dy D E T, Tiruchirapalli, T R S Mani, B Sc
Dy D E T, Trivandrum, S N Venkataraman
S D O T, Bangalore, R D Foote
S D O T, Bellary, W J Sequeira, B Sc
S D O T, Madras, V H Mahadevan
S D O T, Madurai S Seshadri, M A
S D O T, Villupuram, V G Srinivasan B Sc
S D O T Kozhikode, A S Rao, B A (Hons)
S D O T Secunderabad C Abraham
S D O T, Coimbatore, K V Lakshmanan
A E Phones, Madras, P H Sankaranarayanan, M A
S D O P, Trivandrum, N Madhava Menon, B A, B Sc (Engg)
S D O P, Kottayam P A Sundaram, B Sc
S D O P, Bangalore, P Itty Ipe, B Sc, B Sc (Engg), A M I E (India)
S D O P Tiruchirapalli, A Subramania Iyer, B A, B Sc (Engg), A M I E (India)
S D O P, Kozhikode, K R Nair
S D O P, Coimbatore K V Vytheeswaran
Offg S D O P, Ernakulam C V Krishnaswamy
S D O P, Quilon, S Balasubramaniam
O in Charge Mysore Telephone Group, P M Krishna Rao, B Sc (Hons)
Junior Engineer Mysore Telephone Group, N Ramalingappa
A E Phones Hyderabad T G Damodaram
S D O P Hyderabad, P V Deshpande
C O T Bangalore S Ramadoss, B Sc (Engg)
C O T Hyderabad, K Venugopalan, B A
C O T, Hyderabad S Subramaniam
S D O, Wireless, K S N Rao B Sc
A E W Madras Radio G E Rennick
A E Wireless, St Thomas Mount, M P Arumachalam
A E Wireless Bangalore Monitoring Station, V Ramakrishnan
A E (E) I Madras C T O (on leave) Subramania Pillai
Offg A S Nagarajan
A E (E) II Madras C T O, V Venkataraman

TELEGRAPH TRAFFIC

Supdt in Charge Kozhikode, D T O I C Baskharan
Supdt in Charge, Bangalore D T O S A Lansdale
Supdt in Charge Madurai D T O P Shanmughasundaram
Supdt in Charge Tiruchirapalli, D T O V Mallikeswaran
Supdt in Charge, Secunderabad D T O, I W Todd

PUBLIC HEALTH DEPARTMENT

Director of Public Health Dr K S Viswanathan, B A, M B B S B Sc, M P H (Harvard)
Assistant Directors of Public Health Dr Isaac Joseph L M S, B Sc, Dr (Kumari) H M Rajamanikkam M B B S B Sc, M P H (Harvard) Dr N Rajagopalan M B B S, B Sc Dr K V Meenakshisundaram, L M S, B Sc
Health Officer to assist Assistant Director of Public Health, Dr P V George, B A, L M S B Sc, M P H (Hopkins)
Special Plague Officer, Dr A M Francis, B A, M B B S, B Sc
Research Health Officer, Dr N R Ramakrishnan, B A, M B B S, D P H (Cal)
Health Officer to assist Assistant Director of Public Health, Dr S Henry Moses M B B S, B Sc, D T M (Cal), M P H (Hopkins)
Statistician, V K Parthasarathy, M A, Dip (Econ)
Malaria Engineer, T Parthasarathy, M E
Chief Entomologist, Central Malaria Laboratory, J C Vedamanikkam, B A

PUBLIC WORKS DEPARTMENT

BOILER INSPECTION DEPARTMENT

Chepauk, Madras 5

Chief Inspector of Steam Boilers, Madras State and Coorg, S N Mahalingam, B Sc (Eng), A M I E (Ind)
Inspector of Steam Boilers, Madras City Circle and P A to the Chief Inspector of Steam Boilers, J Sundaram
Inspector of Steam Boilers, Madras Mofussil Circle, Madras, S Murugesan, B E, A S M E (J)

Inspector of Steam Boilers Tiruchirapalli Circle Tiruchirapalli V Ramakrishnan B Sc (Eng), A M I E (Ind)

Inspector of Steam Boilers, Coimbatore Circle and Coorg Coimbatore P K Seshadri B Sc (Eng)

P W D GENERAL AND BUILDINGS

Special Chief Engineer (Irrigation) A R Venkatachariya B E M I E (Ind) M Am Soc C E I S E

Chief Engineer P W D (General Buildings and Public Health) N Padmanabha Ayyar B A B E M I E (Ind) I S E

Deputy Chief Engineer P W D (General) I G Abraham B E M I E (Ind) M Am Soc C E

Deputy Chief Engineer (Buildings and Public Health) K Hariharа Ayyar B A B L

Deputy Chief Engineer (Irrigation) P S Nallarajan B E

Non Technical Personal Assistant to the Chief Engineer (General and Buildings) B S Narayanan B A

Designs Engineer K V Ekambaram B E I S E

Superintending Engineer Madras Circle Madras U Ananda Rao B E M I E (Ind) M Am Soc C E I S E

Superintending Engineer Coimbatore Circle Coimbatore D I Jog B E M I E (Ind) I S E

Superintending Engineer Food Production Circle Madras O R Narayanaswamy Ayyar B E I S E

Superintending Engineer Tiruchirapalli Circle Tiruchirapalli P C Ramanathan B E

Superintending Engineer Tanjore Circle Tanjore M D Narasimhachariya B A B E

Superintending Engineer Maruthathur Project Circle Madurai D Rajagopalan B E M I E (Ind) Chartered Engineer (Ind)

Consulting Architect Madras M G Desai B A Dip Arch (Lond) F R I B A F I I A

Joint Consulting Architect Madras N P Jambulinga Nayakar A I I A F R S A

Sanitary Engineer Madras S Rajagopalan B E M I E

Research Executive Engineer Poondi I P Kuttiammu, B E

Physics and Soil Mechanics Officer Madras I N Seshadri M A (Phys) F I M M R I A M A S C E F I S E E

Mechanical Expert Madras M V Subrahmanyam B A B L

Radio Engineer Madras M N Parthasarathy B Sc (Hons)

Chief Inspector of Steam Boilers Madras S N Mahalingam B E (Engg) A M I E

SOUTHERN RAILWAY

(General Manager's Office Madras)

The Southern Railway consists of the former M & S M S R and Mysore State Railways

The total mileage of the Southern Railway is 6,024 It is divided into 3 Regions viz Northern Southern and Central Regions

The Northern Region covers the following Sections

(*a*) Poona Bangalore City Section including Branches (*aa*) Mormugao Harbour Bezwada Section (*aaa*) Arsikere Chamarajnagar Section (*b*) Bangalore City Mysore Section (*c*) Guntakal - Bangalore City (*d*) Pakala Dharmavaram Section

The Southern Region covers the following Sections

(*a*) Madras Egmore Trivandrum (Chord) including branches (*aa*) Madras Egmore Rameswaram (Main) including branch lines

The Central Region covers the following Sections

(*a*) Madras Central Bangalore City including branches (*aa*) Jolarpet Mysore (*aaa*) Shoranur Cochin Harbour Terminus (*b*) Erode Tiruchirapoly Junction (*c*) Arkonam Raichur (*d*) Madras Central Waltair including branches (*aaa*) Podanur Ootacamund

ADMINISTRATIVE PERSONNEL

General Manager Madras, I A Joseph

Dy General Manager Madras V Ramachandra Rao

Dy General Manager (Personnel) Madras M Sundara Rajan

Chief Engineer Madras M Ganapathy

Dy Chief Engineer Madras V Bangaraswami

Regional Engineer, Rayapuram I R Natarajan

Regional Engineer Tiruchirapoly M O S Iyengar

Regional Engineer Mysore P S I Chowdhuri

Chief Operating Superintendent Madras S R Sathya

Dy Chief Operating Superintendent Madras V Veera

Regional Traffic Superintendent Rayapuram M C Sivankaram

Regional Traffic Superintendent Tiruchirapoly K Basheer Ahmed

Regional Traffic Superintendent Mysore N Kamalakara Rao

Superintendent Maintenance and Power Madras M S Murthy

Chief Commercial Superintendent Madras S R Kalyana Raman

Dy Chief Commercial Superintendent Madras D B Patel

Dy Chief Commercial Superintendent Madras R Kerala Varma Raja

Chief Mechanical Engineer Perambur D I Bathwala

Dy Chief Mechanical Engineer Perambur C Ramaswamy

Regional Mechanical Engineer Rayapuram N C Hoskote

Regional Mechanical Engineer Tiruchirapoly P N Batra

Regional Mechanical Engineer Mysore M Chalva Rs

Chief Electrical Engineer Madras C K Ambady

Dy Chief Electrical Engineer Madras S C I Mazumdar

Controller of Stores Perambur I I A V Iyasot

Financial Adviser and Chief Accounts Officer Madras S Ramayya

Dy Chief Accounts Officer Madras M A Ashruff

Regional Accounts Officer Madras Lal I Bathwala

Regional Accounts Officer Tiruchirapoly V Subramanyam

Regional Accounts Officer Mysore A I Cunningham

Chief Signal and Tele Communications Engineer Madras I S Liddle

Chief Medical Officer Madras I Somasekhar

THE CORPORATION

Ripon Buildings

Madras 3

Mayor R Munuswamy

Commissioner C Narasimhan I A S

Dy Commissioner N Sankaran M A I I

Dy Mayor Mrs Saraswathi Lakshmanan

Revenue Officer G Munuswamy Chetty B A

Health Officer, Dr S I D Masilamani M B B S B Sc D T M (Lond)

Engineer Mohideen Meeran B E M I E Struct E A M I I (Ind) Am Soc C E

Special Engineer, P Ramaswamy Chetty, B E A M I I

Electrical Engineer V V Patnaik B A B Sc (Hons) (Birmingham)

Water Works Engineer M Munuswami Asari, B A B E

Chief Accounts Officer S Satyamurthi, B A

Mechanical Engineer, M Sivaraman

Lady Superintendent, Child Welfare Scheme, Capt (Miss) C N Rukmini, M B B S

MEMBERS OF THE CORPORATION

A Emmanuel Adimoolam (Division 49), Srimathi P I Thirupurasundari Ammal (Division 30) Srimathi I N Anandhanayaki (Division 23), M R Appadurai (Division 24) G Venkateswara Ayyar I C S, Chairman, Madras Port Trust (Division 12) Dr T Azizuddin, M B, B S (Division 12) M Balasubramanyam (Division 22) P Namasivaya Bharathi (Division 16), M Ahmed Mohiuddin Bijapuri (Division 38), P Chengalvaroyan, B A L L B (Division 22), Mrs Lara Cherian (Division 32), A Varadappa Chetti (Division 45) A M M Murugappa Chettiar (Division 14) M A Chidambaram Chettiar (Division 50) V Sundaramurthy Chettiar (Division 4), D Parthasarathy Chetty (Division 34) G Janakiram Chetty (Division 44) P L Raghava Chetty (Division 48), Srimathi Kamala Devi (Division 5) P M Dowlatram (Division 14) K S Ekambaram (Division 40) M P Govindarajan (Division 18), I S Govindaswamy (Division 23) M P Sivagnana Gramani M I C (Division 43) N Ramanatha Iyer B A B L (Division 32) V R Ramanatha Iyer (Division 33) A M Kandaswami (Division 32) M Kannappan (Division 17), M A Kareem (Division 43), P Karuppannan (Division 9) P N Lakshmipathi (Division 30), P M Lingesan B A (Division 1) C Loganathan (Division 21) K Manickavasagam (Division 33) K Kamalakanna Mudaliar (Division 37) M Varadaraja Mudaliar (Division 17) V K Chengalvaroya Naicker (Division 16) N Damodaram Naidu (Division 20), Dr P Alagasingari Naidu (Division 14), S Ramaswami Naidu (Division 36) C Padmanabhan (Division 5) Barnes Parmanandam (Division 2) B Parameswaran M I A (Division 46) M Pattu (Division 4) C Perumal (Division 17) C V Thiruvengadam Pillai (Division 30) M Rathakrishna Pillai B A B L (Division 9) R Munuswami Pillai (Division 21) S C C Anthoni Pillai M I A (Division 3) S Pakkiriswamy Pillai M I A (Division 18) N P Raghunathan (Division 41) M S Abdul Rahim (Division 41) M Sundara Rao (Division 26) R Rajagopal (Division 20) S Rajagopalan Sanitary Engineer to Government P W D G Rajamannar (Division 10) K Ramadoss (Division 8) K Ramalingam (Division 6) Guntur Narasimha Rao (Division 49) I Venugopal Rao (Division 31) A Raghava Reddy, Chairman, City Improvement Trust V Bashiam Reddy (Division 21) A Sinclair Rose (Division 2) G A Abdul Khadir Sahib (Division 39) Janab M Haji Nazir Hussain Sahib (Division 19) A Samy (Division 24) Srimathi Saraswathi (Division 15), P Suryanarayana Sastri (Division 36) I M Shanmugham (Division 46), Mrs Meenambal Sivaraj (Division 49) M Somasundaram (Division 17) K N Srinivasan B A B L (Division 11) C W Stephenson (Division 39) K M Subramaniam (Division 47) Dr K V Swami (Division 15) P Thangarajan (Division 1) G Umapathy (Division 15) S Venkatrangam (Division 28) K Vinayakam M L A (Division 10) C G Viswanathan M A (Division 34), Dr K S Viswanathan Director of Public Health (Division 22)

COIMBATORE DISTRICT

Dt Offrs Coimbatore

The Coimbatore District, next in importance to the City of Madras, has an area covering 6 937 square miles with a population of 3,293,204 It is one of the major districts in Tamil Nad with the Cauvery River as boundary on the east Mysore and the Nilgiris on the north Malabar and Cochin on the west and south The whole District lies on an undulating plain south of the Nilgiris with the Bhavani River as boundary for some length in the north It is drained by three important tributaries of the Cauvery River the Bhavani, Amravati and the Noyyal rivers The Anamallais (elephant hills) which form part of the District in the south have large coffee and tea plantations The finest tonk in India is produced on these hills

Coimbatore the District Headquarters is the largest industrial city in Madras State with 35 textile mills and over 50 ginning factories and is officially described as the Manchester of South India It is also the largest textile manufacturing centre in Madras State There are also a number of iron foundries and a cement factory Cotton and millets are the chief agri

cultural produce of the District The output of cotton will increase with the completion of the Lower Bhavani Project

Taluks Coimbatore Taluk (Coimbatore), Avanashi Taluk (Avanashi), Palladam Taluk (Tiruppur), Bhavani Taluk (Bhavani), Dharapuram Taluk (Dharapuram) Erode Taluk (Erode), Gobichettipalayam Taluk (Gobichettipalayam) Udamalpet Taluk (Udamalpet), Kollegal Taluk (Kollegal)

ADMINISTRATIVE PERSONNEL

Collector, N S Mani, I C S
District Judge, Antony Lobo
District Superintendent of Police, M Dyas
Superintending Engineer, Pykara Hydro Electric System S E Prager
Superintending Engineer P W D, Laxman Iyer

BANKS

The Imperial Bank of India, Bank Road, Coimbatore The Coimbatore Nilgiris Co operative Bank Ltd, Bank Road Coimbatore The Central Bank of India Ltd Variety Hall Road, Coimbatore, Bank of Baroda, Big Bazar Street, Coimbatore Bank of Bikaner Ltd Oppanakara Street Coimbatore, Bank of India Head Post Office Road Coimbatore, Bank of Jaipur Ltd Variety Hall Road Coimbatore Bank of Mysore Ltd Oppanakara Street Coimbatore, Thomasco Bank, Raja Street Coimbatore

COMMERCIAL ASSOCIATIONS

The Southern India Millowners Association, Palmgrove Road Coimbatore, The Indian Chamber of Commerce, Post Box No 200, Coimbatore

SOCIAL CLUBS

The English Club Trichy Road Coimbatore, The Cosmopolitan Club, Race Course, Coimbatore

COLLEGES

The Agricultural College Lawley Road, P O, Coimbatore The Forest College Lawley Road P O Coimbatore The Government Arts College Coimbatore, The College of Technology, Lawley Road P O Coimbatore Polytechnic Avanashi Road, Coimbatore Nirmala College for Women R S Puram Coimbatore P S G College of Technology, Peelamedu Coimbatore, P S G Arts College Peelamedu, Coimbatore

HIGH SCHOOLS

Union High School Coimbatore, Sarvajana High School Peelamedu Coimbatore Devanga High School Coimbatore St Michaels High School Coimbatore City Municipal High School Variety Hall Road Coimbatore The Municipal High School, R S Puram Coimbatore, The Ramalingam Chetti Memorial High School, Mettupalayam Road Coimbatore R K Ramgammal Memorial High School Avanashi Road, Coimbatore St Francis Convent European High School Trichy Road Coimbatore St Marys High School, Trichy Road, Coimbatore, The Presentation Convent High School Post Office Road, Coimbatore, Board High School Satyamangalam, Municipal High School Pollachi, Board High School Mettupalayam, Board High School, Gobichettipalayam Municipal High School, Erode, Municipal High School, Tirupur, Nanjappa High School Tiruppur

SOCIAL ORGANISATIONS

Y M C A, Post Office Road, Coimbatore, Madras State Conference of Social Work Race Course, Coimbatore, Guild of Service and Indian Red Cross Society Opposite Sessions Court, Coimbatore

MADURAI DISTRICT

Area 4 654·04 square miles
Population 2 891,817 (Males 1,439,258, Females 1,452 559)
Dt Hqrs Madurai
Names of taluks Madurai Melur, Periakulam Tirumangalam, Dindigul, Nilakottai, Palni and Kodaikanal
Main agricultural produce Rice Cholam, Cumbu Ragi, Korra, Varagu, Samai, Kudiravalli, Tobacco, Coffee, Groundnut, Gingelly, Cotton, Chillies, Sugarcane, Red gram, Black gram and Horse gram
Main Industrial products Handloom goods
(Adm personnel not received at the time of going to press)

MALABAR

Area of the District 5801 94 sq miles
Population 47,58,342
Dt Hqrs Calicut
Names of taluks Chirakkal (Cannanore), Kottayam (Tellicherry), Wynad (Manantoddy), Kurumbranad (Badagara), Kozhikode (Kozhikode), Ernad (Manjeri), Walluvanad (Perintalmanna) Palghat (Palghat), Ponnani (Ponnani), Cochin (Fort Cochin)
Principal Agricultural Products Coconuts, pepper, ginger tea, oranges, paddy, timber, spices and condiments, tapioca, pulses, fruits and vegetables
Industrial products Coir product like ropes mats, etc handloom cloth, soaps, fish curing and export of dried fish

ADMINISTRATIVE PERSONNEL

Collector and Dist Magistrate N E S Raghavachari, I C S
Dist Judge (South Malabar), O Chandu Menon, B A, B L
Dist Judge (North Malabar), K C Cheriya Kunhunni Raja
Dist Supdt of Police K Ramanujam B A
Dist Medical Officer K Madhava Menon M B B S
Dist Agrl Officer (North Malabar), K Sanjiva Shetty
Dist Agrl Officer (South Malabar), R K Parameswara Menon
Dy Registrar of Co operative Societies (North), P Achutha Menon
Dy Registrar of Co operative Societies (South), P Balakrishnan Nair
Executive Engineer, West Coast Division, P M John
Dist Health Officer (North Malabar), M Govindan, I M I I I M
Dist Health Officer (South Malabar), P Gopalan Nayar
Commercial Tax Officer (North Malabar), K A Swaminathan
Commercial Tax Officer (South Malabar), M Govindan Kutty Nair
Income tax Officer (Kozhikode), A M Ramakrishnan
Dist Fdn Officer (North Malabar), K Srinivasa Rao
Dist Fdn Officer (Central Malabar), Mohana Rangam
Dist Fdn Officer (South Malabar), P Raghavan Nair

NILGIRIS DISTRICT

Area 984 square miles
Population 311,729 (Males 163,880, Females 147 849)
Dt Hqrs Ootacamund
Names of taluks Ootacamund, Coonoor and Gudalur
Main agricultural produce Potatoes, Paddy, Ragi Samai and Vegetables
Main Industrial products Coffee and Tea

ADMINISTRATIVE PERSONNEL

Collector and District Magistrate, H C M McLaughlin, I A S
District Agricultural Officer, M Mukundan, B Sc (Ag)
District Co operative Officer, D N Doraiswami Mudaliar, B A (Dy Registrar of Co operative Societies)
Divisional Engineer (Highways), N J John A M I E
District Forest Officer V Madava Menon
District Health Officer, L P Gonsalves, M B B S, B Sc
District Medical Officer, Dr (Kumari) A K Varghese M B B S
District Sales Tax Officer, M Sivasankara Menon, B A (Deputy Commercial Tax Officer)
District & Sessions Judge, H A Iyer, I C S
District Superintendent of Police, Mohammad Sanavullah Farookhi, B A
Income tax Officer, L S Chakravarthi, M Sc
Inspector of Schools B M Kudubi, B A, L T (District Educational Officer Coonoor)
District Prohibition Officer, P Kunhirama Kurup, B Sc

NORTH ARCOT DISTRICT

Area 4 674 sq miles
Population 28,59,157
Dt Hqrs Vellore
Names of Talukas with their headquarters within brackets
Arni (Arni), Arkonam (Arkonam), Cheyyar (Thiruvettipuram), Chengam (Chengam), Gudiyatham (Gudiyatham), Polur (Polur), Tirupattur (Tirupattur) Tiruvannamalai (Tiruvannamalai) Vellore (Vellore), Wallajah (Wallajah), Wandiwash (Wandiwash)
Principal agricultural produce Paddy, Ragi, Cholam, Sugar cane and Groundnut
Principal industrial products Cotton yarn, Manufactured silk, Beedi, Carpets and Leather

ADMINISTRATIVE PERSONNEL

Collector and Additional District Magistrate (Independent), A Venkatesan, I A S
District Agricultural Officer, S V Ramachandran, B Sc (Ag)
Dy Registrar of Co operative Societies, North Circle, Mohd Hafeez, M A
Dy Registrar of Co operative Societies, South Circle Kuttikrishna Nambiar, B A
Executive Engineer S Jambunathan, C E
District Forest Officer S Ramakrishnan, B A
District Health Officer, Dr B Hanumantha Rao
District Medical Officer, Dr (Miss) T Varghese, M B B S
District Sales Tax Officer, K L Bharathi, M A
District and Sessions Judge, M Ananthanarayanan I C S
District Superintendent of Police, K R Shenoy, I P S
District Educational Officer, S Arulanandam, B A L T
Income Tax Officer, B O, O Venkatasubramaniam

SOUTH ARCOT DISTRICT

Area 4 208 sq miles
Population 27 76,767
Dt Hqrs Cuddalore
Names of Taluks Cuddalore Chidambaram, Vridhachalam Tirukoilur Kallakurichi, Gingee, Villupuram and Tindivanam
Main agricultural produce Paddy, Ragi, Cholam, Cumbu Korra, Varagu Samai Bengal Gram Redgram, Greengram Blackgram and Horsegram
Main commercial crops Cotton, Groundnut, Sugar cane, Gingelly

ADMINISTRATIVE PERSONNEL

Collector K P K Menon
District Magistrate (Judicial), Ganapathia Pillai
District and Sessions Judge, C R Viswanatha Ayyar
District Agricultural Officer S Muthusami Ayyar
Deputy Registrar of Co operative Societies, Cuddalore G Amirtha Raj
Deputy Registrar of Co operative Societies Tirukoilur, K Bashyam Ayyangar
Deputy Registrar of Assurances, Cuddalore, P K Balasubramania Mudaliar
Deputy Registrar of Assurances, Chidambaram, P Ramanuja Raju
Executive Engineer, P W D, C Narayanaswami
Divisional Engineer (Highways) A R Sivaswamy
District Health Officer I V Sundareswaran
District Medical Officer, S Sundararajan
Commercial Tax Officer M Narayanan Namblar
District Superintendent of Police, C Balakrishna Odayar
Income tax Officer, K M Kunhirama Menon
Additional Income tax Officer I Venkataraman
District Educational Officer, T R Deenadayal
Officer in charge, Lignite Investigation, Neyveli, H K Ghose
Administrative Officer, Mines and Minerals, Cuddalore W G Janakirama Mudaliar
Assistant Director of Industries and Commerce, Cuddalore, R M Chidambaram
Chairman, Experts Committee Lignite Investigation, Cuddalore O T, Paul B Eyrich

SOUTH KANARA

Area of the District 25,65,294 acres or 4,008 sq miles, Population 17,48,991

Dt Hqrs Mangalore

Names of Taluks Coondapur, Kasaragod, Karkal, Mangalore, Puttur, Udipi, Bantwal, Belthangady and Hosdrug

Principal Agricultural products Rice, sugarcane, tobacco, Pepper, horsegram, blackgram, greengram, cocoanuts, sweet potatoes, areca chillis, gingelly and cashew nuts

Principal industrial products Cashew nuts tiles, printing and allied industries, bricks, repairs of motor vehicles and coffee roasting and grading

Collector and Dt Magistrate, A Mahalingam Chettiar, I A S
Dt Judge, P T Raman, Nair, I C S
Dt Superintendent of Police, Krishnaswamy, B A
Dt Medical Officer, R S Keshavaraj, M B B S
Dt Forest Officer, K Venkatakrishna, B A, B Sc (Hon), B Sc (Edin)
Dt Prohibition Officer G Venugopalan
Dt Agricultural Officer, P N Nayar, B Sc Ag
Dy Registrar of Co operative Societies, S Ramanatha Rao, B A
Dy Registrar of Co operative Societies, Kasaragod, U Krishna Shetty
Executive Engineer P W D, M Venkataramana, B A, M E
Divisional Engineer (H), M S Srouty, B E
Commercial Tax Officer, M Janardhana Shet, B A
Income tax Officer, A Rama Rao
Dt Educational Officer, K Sanjeeva Bhat, M A, L T

TANJORE DISTRICT

Area 3,740 sq miles

Population 29,82,670 (1951 census)

Dt Hqrs Tanjore

Names of taluks Tanjore, Papanasam, Kumbakonam, Mayuram, Sirkali, Nannilam, Nagapattinam, Mannargudi, Tiruthuraipundi, Pattukottai, Arantangi

Principal agricultural produce Paddy

ADMINISTRATIVE PERSONNEL

Collector & Dt Magistrate, T K Palaniappan, I A S
Dt Agricultural Officer, M J David, B Sc (Ag), (Pattukottai), M V Kalyanasundaram, B Sc, (Ag), (*Tanjore*)
Dt Co-operative Officer, W K Abdul Khader, B A, Deputy Registrar of Co-operative Societies, Tanjore, Arthur S Nathanial, M A, B L, Dy Registrar of Co-operative Societies, Kumbakonam
Dt Health Officer, Dr R Thiagarajan, B A, M B B S, B S S C
Dt Medical Officer, Dr B Govindaraj Shenai, M B B S, L O
Dt Sales Tax Officer, S Krishna Iyengar, B A
Dt and Sessions Judge, K S Venkataraman, I C S, (*West Tanjore, Tanjore*), Rama Varma (*Sessions Judge, East Tanjore, Nagapattinam*)
Dt Supdt of Police, C J P Pinto
Income Tax Officers, Mohinuddin Khan (*Tanjore*), A S Gananapragasam (*Nagapattinam*)
Inspectors of Schools, J A Ryan, M A, B T (*East Tanjore, Nagapattinam*), R Shanmugam M A, L T (*West Tanjore, Tanjore*)
District Engineers M D Narasimhacharya (*Superintending Engineer, Tanjore Circle, Tanjore*), N Viswanatha Iyer, B A, B E (*Cauvery Division, Tanjore*), S Padmanaba Iyer, B A, B E (*Executive Engineer Vennar Dn*), M R Balsubramania Iyer (*Executive Engineer, G A Canal Division, Tanjore*), C R Munusami Naidu (*Divisional Engineer, Highways, West Tanjore*), T M Veeraraghavan B E, A M I E Chartered Engineer (*Dist Engineer, Highways, East Tanjore, Nagapattinam*)

TIRUCHIRAPALLI DISTRICT

Area 5,514 sq miles

Population 29,43,882

Dt Hqrs Tiruchirapalli

Names of Taluks Tiruchirapalli, Kulitalai, Karur, Musiri, Lalgudi, Perambalur, Udayarpalayam, Kolathur Alangudi and Tirumayam

Main agricultural produce Paddy, cholam, cambu, ragi varagu, samai, groundnut, cotton, gingelly, turmeric, sugar cane, plantain, chillies, coriander and redgram

Main industrial products Sugar, cement, yarn, textiles, hydrogenated oil and cigars

ADMINISTRATIVE PERSONNEL

Collector and District Magistrate, N S Quraishi, I A S
District Agricultural Officer, K H Subramania Iyer, B Sc (Ag)
Deputy Registrar of Co operative Societies, Tiruchi North, S Nithyanandham, B A (Hons)
Deputy Registrar of Co operative Societies, Tiruchi South, M Anantharaman, B A
Superintending Engineer, P W D, D P Jog, B E, M I E (Ind), I S E
Executive Engineer, P W D, T M Govinda Menon
Executive Engineer, R C Division, D Henry David
Superintending Engineer, Highways, M N Kamath, B E, M A M S O C, C E
District Forest Officer, K V B Pal
District Health Officer, Dr R Sambamurthy, M B B S, B Sc
District Medical Officer, Dr A N Subbaraman, M B B S
Deputy Commissioner of Commercial Taxes, S Krishna Rao, M A
District Veterinary Officer, P Satyanarayana Rao, C M V C, B V Sc
Dt and Sessions Judge, N D Krishna Rao, I C S
District Superintendent of Police, K Viswanathan Nair, I P
Income tax Officer, K C Mahadevan, B A, B L
District Educational Officer, U B Muhamad Samar, B A, I F
Regional Inspector of Municipal Councils and Local Boards I M Ramasami, M A (Cantab)
Sub Regional Employment Officer, Capt G K Katre
District Registrar of Assurances, S Krishnasami Chettiar, B A
Assistant Director of All India Radio, N S Ramachandran
District Fire Officer B K Krishnamurthi Rao, M A
Appellate Assistant Commissioner of Income tax, K Achuthan Nair, B A
Regional Accounts Officer, S Railway, Tiruchi, T Subramaniam
Deputy Commissioner for Hindu Religious and Charitable Endowments A S Mannadi Nair, B A, B L Bar at law
Assistant Commissioner for Hindu Religious and Charitable Endowments, A Sakkarai, B A, B L
Divisional Electrical Engineer, K Srinivasa Raghavan, B E
Assistant Collector of Central Excise, Major P R Shanmugham, B Sc
Regional Transport Officer, T S Sivagnanam, B A

[Matter from the following Districts not received at the time of going to press Chingleput (Chingleput), Madras (Madras), Ramanathapuram (Ramanathapuram), Salem (Salem), Tirunelveli (Tirunelveli)]

EDUCATIONAL INSTITUTIONS

UNIVERSITY OF MADRAS

ARTS AND SCIENCE COLLEGES (66)

Constituent First Grade Colleges (9)
Government Arts College, Mount Road, Madras 2
Loyola College, Cathedral, Madras 6
Pachaiyappa's College, Kilapauk, Madras 10
Presidency College, Triplicane, Madras 5
Vivekananda College, Mylapore, Madras 4
Ethiraj College for Women, Egmore, Madras 8
Queen Mary's College, Mylapore, Madras 4
Stella Maris College, Mylapore, Madras 4
Women's Christian College, Nungambakkam, Madras 6

Constituent Second Grade Colleges (3)
Agarchand Manmull Jain College, Thyagaraya nagar, Madras 17
The New College, Royapettah, Madras 14
Sir Theagaraya College, Washermanpet, Madras 21

Affiliated Colleges—First Grade (41)
Government Arts College, Anantapur *
Government Arts College, Coimbatore
Government College, Cuddapah *
St Albert's College, Ernakulam
St Teresa's College, Ernakulam
Farook College, Feroke (S Malabar)
Dr Alagappa Chettiar College, Karaikudi
Zamorin's College, Kozhikode
Government College, Kumbakonam
Osmania College, Kurnool *
The Besant Theosophical College, Madanapalle *
The American College, Madurai
Madura College, Madurai
Lady Doak College, Madurai
Thiagarajar College, Madurai
Government Arts College, Mangalore
St Aloysius' College, Mangalore
St Agnes College, Mangalore
Sarah Tucker College, Palayamkottai
St John's College, Palayamkottai
St Xavier's College, Palayamkottai
Government Victoria College, Palghat
Raja's College, Pudukottai
Salem College, Salem
Rajah Doraisingam Memorial College, Sivaganga
Madras Christian College, Tambaram
Government Brennen College, Tellicherry
Sacred Heart College, Thevara (Ernakulam)
The M D T Hindu College, Tirunelveli
Sri Venkateswara College, Tirupati *
Holy Cross College, Tiruchirapalli
Jamal Mohamed College, Tiruchirapalli
National College, Tiruchirapalli
St Joseph's College, Tiruchirapalli
Sree Kerala Varma College, Trichur
St Mary's College, Trichur
St Thomas College, Trichur
St Mary's College, Tuticorin
V O Chidambaram College, Tuticorin
Islamiah College, Vaniyambadi (N Arcot Dt)
V H N Senthikumara Nadar College, Virudhunagar

Affiliated Colleges—Second Grade (13)
Veerasaiva College, Bellary
P S G Arts College, Peelamedu, Coimbatore
Nirmala College for Women, Coimbatore
Pachaiyappa's College, Kancheepuram
Malabar Christian College, Kozhikode
Providence College for Women, Kozhikode
Government College, Mercara (Coorg)
Sitalakshmi Ramaswami College, Tiruchirapalli
Sri Venkateswara College for Women, Tirupati
Sacred Heart College, Tirupattur (N Arcot Dt)
Mahatma Gandhi Memorial College, Udipi (S Kanara)
G V G Visalakshi College for Women, Udumalpet
Voorhees College, Vellore (N Arcot Dt)

PROFESSIONAL COLLEGES (24)

Law
Madras Law College, G T, Madras 1
Medicine
Madras Medical College, Park Town, Madras 3
Stanley Medical College, G T, Madras 1
Christian Medical College, Vellore (N Arcot District)
Engineering
College of Engineering, Guindy, Saidapet, Madras 25
College of Engineering, Anantapur *
Government College of Technology, R S Puram, Coimbatore
P S G & Sons Charities College of Technology, Coimbatore

* Now Affiliated to Andhra

Dr Alagappa Chettiar College of Engineering and Technology, Karaikudi
Teaching
Lady Willingdon Training College, Triplicane, Madras 5
Meston Training College, Royapettah, Madras 14
St Christopher s Training College, Vepery, Madras 7
Teachers' College, Saidapet, Madras 15
Sri Ramakrishna Mission Vidyalaya Teachers Training College, Ramakrishna Mission Vidyalaya P O , Coimbatore Dt
Dr Alagappa Chettiar Training College, Karaikudi
Government Training College, Kozhikode
Government Training College, Kurnool *
Government Training College, Mangalore
St Anne s Training College, Mangalore
St Xavier s Training College, Palayamkottai
Veterinary
Madras Veterinary College, Vepery, Madras 7
Agriculture
Agricultural College, Lawley Road P O , Coimbatore
Technology
Alagappa Chettiar College of Technology, Guindy, Madras 25
Physical Education
Y M C A College of Physical Education, Saidapet, Madras 15

GOVERNMENT TECHNICAL INSTITUTIONS

Central Polytechnic Broadway, Madras
Government School of Arts & Crafts, Egmore Madras
Government Textile Institute, Washermanpet Madras
Government Institute of Leather Technology, Washermanpet, Madras
Tamilnad Polytechnic, Madurai
Arthur Hope Polytechnic Coimbatore
Andhra Polytechnic * Kakinada, E Godavari Dt.
Vuyyuru Polytechnic,* Vuyyuru Kistna District
Karnataka Polytechnic, Mangalore
Kerala Polytechnic Kozhikode
Rayalaseema Polytechnic,† Bellary
Government Ceramic Factory,* Gudur, Nellore District
Government Oil Technological Institute,* Anantapur
Government Coir School Beypore
Kerala Soap Institute, Kozhikode
Government Bangles Trading, Kalahasti

AIDED INDUSTRIAL SCHOOLS IN THE STATE

*Visakapatnam District**
St Aloysius Industrial School, Vizagapatam
School of Arts and Crafts, Vizianagaram

*Bezwada, Kistna District**
St Joseph's Industrial School, Gunadala, Bezwada

*West Godavari District**
Sri Harijana Industrial School, Bhimavaram
Gandhi Memorial Harijan Industrial Home, Tanuku

*Guntur District**
U L C M Rural Reconstruction Industrial School, Guntur
Sri Krishnashramam Industrial School, Guntur
St Michael s Industrial School, Guntur
St Joseph's Orphanage Industrial School, Guntur
Sree Sarada Niketanam Industrial School, Guntur
Premiate Girl s Industrial School, Guntur
Ch Kutumbaraya District Board Industrial School, Pedapudi
Dist Board Industrial School, Macherla
Thakkar Bapa Vidyalayat Nilayam, Isukapalli, Repalli

*Nellore District**
O E L M Girl's Industrial School, Nayudupet

*Chittoor Dist **
American Arcot Mission Industrial School, Palamaner

Madras
C N T Institute, Vepery
Anjuman Industrial School, Mount Road
Ramakrishna Mission Technical Institute, Mylapore
The Gokulam Cottage Industrial School, 11-B, Eldams Road, Teynampet
V S Rajagopalan s Radio Institute, Smith Road
Thakkar Bapa Vidyalaya, T Nagar
Madrasi Hussainy Yatteem Khana Industrial School Thousand Lights
Seton School of Embroidery and Needlework Kilpauk
The Sevasadan Industrial School Chetput
St Anne s Industrial School, Royapuram
St Joseph s Industrial School, for Girls, Mylapore
Rani Rajyalakshmi Industrial Institute, Andhra Mahila Sabha Buildings, Mylapore
Madras Hindu Sevak Sangh Industrial School for Girls, 67, Mulla Sahib Street, G T
The Royal Telegraph and Wireless Training School Purasawalkam
St Joseph s Industrial School, Kallathiappa Mudali Street Vepery

Chingleput District
American Advent Mission Industrial School, Velachery, St Thomas Mount
Harijan Industrial School Kancheepuram
Government Victory Memorial Blind Industrial School Poonamallee
Lady Wellingdon Leprosy Sanatorium Tirumanu Chingleput
Methodist Mission Industrial School Ikkadu
St Anthony s Industrial School, St Thomas Mount

North Arcot District
Anjuman Industrial School, Vellore
Anjuman Industrial School Melvisharam
Anjuman Industrial School Tirupattur
Don Bosco Industrial School, Vellore

South Arcot District
St Joseph s Industrial School, Tindivanam
Danish Mission Industrial School, Panruti

Tanjore District
District Board Industrial School, Tanjore
St Francis Xavier s Industrial School, Tanjore
St Mary s Industrial School, Kumbakonam
Municipal Arts School Kumbakonam
St Cicily s Industrial School, Kumbakonam

Tiruchirapalli District
St Joseph's Industrial School, Tiruchirapalli
Karur Industrial School, Karur
Holy Cross Convent Industrial School, Tiruchirapalli
St John D'Britto Industrial School, Tiruchirapalli
Vincent's Technical Institute, Tiruchirapalli

Madurai District
Pasumalai Trade School, Madurai
The Arts School, Madurai
C S M Industrial School, Dindigul
St Joseph s Girl's Industrial School, Madurai

Tirunelveli District
S P G Art Industrial School, Nazareth
St Joseph s Industrial School, Adaikalapuram
Industrial School for the Blind, Palamcottah
St Ignatius Industrial School, Tuticorin
R C Jace Industrial School, Vadakankulam
Hindu Girl's Industrial School, Kudankulam

Salem District
St Theresa's Industrial School, Marvaneri, Salem

Coimbatore District
St Joseph s Industrial School, Coimbatore
P S G & Son's Charity Industrial Institute, Peelamedu
Sri Ramakrishna Mission Vidyalaya School of Engineering, Coimbatore
Methodist Mission Industrial School, Dharapuram

Nilgiris District
St Joseph's Industrial School, Ootacamund

Malabar District
St Vincent s Girls Industrial School, Calicut

South Kanara District
Commonwealth Trust Engineering Works, Mangalore
St Martha's Industrial School, Bethany, Mangalore
St Joseph s Industrial School, Bethany, Mangalore
Sri Krishna Udyog Sala, P O Anandashram, Ramnagar, Via Kanhangad

ANNAMALAI UNIVERSITY

Annamalainagar P O
South India

CHANCELLOR

His Excellency Shri Sri Prakasa, Governor of Madras

PRO CHANCELLOR

Rajah Sir M A Muthia Chettiar Kt , B A , M L A

VICE CHANCELLOR

Sir C P Ramaswami Aiyar
Deputy to Vice Chancellor, A Ramanatha Pillai, M A
Registrar, A M Balasundara Mudaliar, B A
Dy Registrar, T D Meenakshisundaram, B A , B L
Bursar, K P Kandaswamy Pillai

Deans

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Prof T P Navaneethakrishna M A (Faculty of Science)
Dr A Chidambaranatha Chettiar, M A , Ph D (Faculty of Oriental Studies)
Rao Bahadur P Venkataramana Raju B E , C E (Hons), M I E (Ind), I S E (Rtd), (Faculty of Engineerings & Technology)
Librarian, K Nagaraja Rao M A , B L

HOSTELS

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Engineering and Technology Hostel C Rajaram, B A , B E (*Warden*), Sm Lakshmanan Chettiar, M Sc (Tech) (*Dy Warden*)
Women Hostel, Smt Kumuthavalli Ammal (*Warden*)
Medical Officer, Dr D A D Nath, D M & S
Inspector of Recognised Hostels and Approved Lodgings, V G Ramakrishna Ayyar, M A.

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Associate Professor, A C Subrahmanya Ayyar, M A
PHILOSOPHY *Professor*, R Ramanujachari, M A
HISTORY AND POLITICS *Professor*, R Sathianatha Ayyar, M A
Associate Professor, A Krishnaswami, M A , L T
ECONOMICS *Professor*, V G Ramakrishna Ayyar, M A
Associate Professor, M K Muniswami, M A , B L
PHYSICAL EDUCATION *Professor and Director*, L K Govindarajalu, B A , B L
MATHEMATICS *Professor*, Dr V Ganapati Ayyar, M A D Sc
Associate Professor, Dr K Rangaswami Ayyar, M A , Ph D
PHYSICS *Professor*, T P Navanithakrishna, M A
Associate Professor, R K Viswanathan, M A
CHEMISTRY *Professor*, Dr V Baliah, M Sc , Ph D (Stanf)
Associate Professor, C V Suryanarayana, M Sc , D Phil

* Now in Andhra. † Now in Mysore

BOTANY *Professor*, Dr T C N Singh, M Sc, D Sc

ZOOLOGY *Professor*, R V Seshaiya, M A
Associate Professor, P Govindan, B Sc (Hons), Ph D (Michigan)

AGRICULTURE *Professor* Dr S Krishnamurthi B Sc (Ag), M Sc (Calif), Ph D (Mich)

TAMIL *Professor* Dr A Chidambaranatha Chettiar, M A, Ph D
Associate Professor L P Kr Ramanathan Chettiar, Vidvan, Pandita

SANSKRIT *Associate Professor* Dr C S Venkateswaran M A Ph D Sromani

MALAYALAM FRENCH HINDI AND URDU *Lecturers*, Malayalam K Kochu krishna Kurup Vidvan French P P Thanga velu Pillai B A B L Urdu & Hindi Gulam Rasool Adeebi Fazil Visharad

MUSIC *Professor*, Vidvan Isai Mannar Chittoor Subrahmanya Pillai

TAMIL RESEARCH *Associate Professor* G Subrahmanya Pillai, M A B L Vidvan (Offg Professor)

ENGINEERING (CIVIL) *Professor* Rao Bahadur P Venkataramana Raju B E C I (Hons) M I E (Ind) I S E (Retd) (Professor of Civil Engineering and Head of the Department of Engineering) G S Ramaswami B E M S (C I T) C E (C I I)

MECHANICAL *Assistant Professors* C Rajaram B A B E B Srinivasamurti B Sc B E

ELECTRICAL *Professor* Paul Krishnama charlu B E, M Sc (Calif)

WORKSHOP *Superintendent* K S Rama murti B E A M I E A M I Prod E (Lond) A I I A (Lond)

TECHNOLOGY *Professor* N P Palaniyappan M Sc, M Sc (Tech) (Manch)

ASSOCIATIONS, SOCIETIES

AGRI-HORTICULTURAL SOCIETY OF MADRAS

Nature of the body Scientific

Established 1835 Quarterly subscription for members in Class A Rs 7, in Class B Rs 3 *President* H E The Governor of Madras, *Chairman* V S Hejmadi, I C S, *Hon Secretary* Richard Appel, M D, *Hon Treasurer* **Rao Saheb P S V Nambi**

AMERICAN BAPTIST TELUGU MISSION

25, Vepery High Road Vepery, Madras

Nature of Body Religious
Secretary – J Erickson
Treasurer –Olive J Jones

ARYA VYSYA MAHASABHA

22 Thamkamchelam Chetty Road, Madras

Nature of Body Social
Office Bearers T Virabhadra Rao, A S Chetty and T Bhagavantam Gupta

THE BHARAT SCOUTS AND GUIDES, MADRAS STATE

'Wenlock Park South Beach Road, Post Box No 424, Triplicane, Madras

Nature of Body Social
President Dr R M Alagappa Chettiar
State Chief Commissioner K Venkataswami Naidu
State Secretary V S Ratnasabhapathy

THE CALICUT CHAMBER OF COMMERCE

Beach Road, Kozhikode 1

Nature of Body Commercial
Chairman W W Kilgour
Hon Secretary E McLean

THE CINE TECHNICIANS' ASSOCIATION OF SOUTH INDIA

Congress Grounds, Madras 6

Nature of Body Professional
President A Krishnan B A
Sound Engineer, President A Krishnan B A
Secretaries Rajanikant, B A, Asst Director and M E Nagarajan, Sound Engineer

THE CITY CENTRAL LEAGUE

Venkatier Street Madras 1

Nature of Body Literary and Social
Chief Patron Dr U Krishna Rao M B, B S
President S Annadurai, B A B L
Secretary W K Ramaswamy, B A
Treasurer W S Rajagopal, B Sc

EAST INDIA TOBACCO FEDERATION

2 6 Second Line Beach, Madras

Secretary I M Alyadurai

EMPLOYERS FEDERATION OF SOUTHERN INDIA

Dare House, 1st Line Beach, Madras 1

Secretary J W A Morris

FRIEND IN NEED SOCIETY

Linsbree Garden, 26 Poonamallee High Road, Madras 3

Nature of Body Social
President F M Thomas
Hony Secretary J R Farrington
Hony Treasurer J A Pires

GOVERNMENT RAJA SIR RAMASWAMY MUDALIAR'S LYING IN HOSPITAL

Madras 1

Superintendent Dr P Madhavan, B A M D
Assistant Superintendent Dr K Bhasker Rao, M D
Resident Medical Officer Dr Minakshi R Nayar

THE HINDU GOOD TEMPLARS LEAGUE

35/A Audiyappa Naicken Street Madras 1

Nature of Body Social
President L Loganatha Mudaliar
Secretary M Ranganathan

HINDUSTAN CHAMBER OF COMMERCE

11/12 Car Street Netaji Subhas Chandra Bose Road G T Madras 1

Nature of Body Commercial
President D C Kothari
Vice Presidents S Lalchand Dadha and N T Patel

INDIA SUNDAY SCHOOL UNION

The India Sunday School Union, founded in Allahabad in 1876, is an interdenominational and ecumenical organisation having for its object the strengthening of religious and moral education in the Christian schools throughout India and Pakistan

Nature of Body Religious

The headquarters of the Union are at Coonoor on the Nilgiri Hills

The officers of the Union are as follows —
President Bishop S K Mondol
Treasurer F P D Penning, Madras
General Secretary **V M Koshy, Coonoor**

The latest statistics show that there are in India and Pakistan 22,304 Sunday Schools with 42 886 teachers, and 851,568 scholars

THE INDIAN CHAMBER OF COMMERCE

14/73, Oppanakara Street, Post Box No 14, Coimbatore

Nature of Body Commercial
President G R Govindarajulu Naidu
Hony Secretaries V S Lakshmanan and J S Kannappar

THE INDIAN CHAMBER OF COMMERCE

84 B, South Raja Street Tuticorin

Nature of Body Commercial
President S S S Manickavasaga Nadar, B A
Vice Presidents S K M Shahul Hamid Maraicayar, A Venkatachala Iyer
Secretary K E S Natesan Pillai

INDIAN CHRISTIAN ASSOCIATION

Tiruchirapalli District

Nature of Body Religious

President Dr E P Mathuram, M P *Vice-Presidents* Rao Sahib D Yesudian, B A, Theodore Samuel, M A, L T, *Treasurer* Capt J R Davies, I A P S, *Publicity Officer* M P H Albert, M A, L T, *Secretary* R J Johnson, B A, L T, Dip in Geo, *Joint Secretary* J G Clement, B A, L T *Office* 23, Pottukara Street, Palakarai, Tiruchirapalli, South India

INDIAN COUNCIL OF CHILD EDUCATION

39, Edward Elliots Road, Mylapore, Madras 4

Nature of Body Educational

INDIAN MATHEMATICAL SOCIETY (MYLAPORE, MADRAS)

Nature of Body Educational

Founded in 1907 for the advancement of mathematical studies in India It conducts two quarterly journals *The Journal of the Indian Mathematical Society* and *The Mathematics Student* The Society maintains a library of books and current mathematical periodicals in all languages and some new books on the subject

There are about 400 members from all parts of India

The Society has been registered and its headquarters are Gwyer Hall, University of Delhi, Delhi

President Dr T Vijayaraghavan Ramanujan Institute of Mathematics

Secretaries Dr Ram Behari Delhi University and Prof S Mahadevan 2 Bhaskarapuram, Mylapore Madras

INDIAN RED CROSS SOCIETY, MADRAS STATE BRANCH

Red Cross Buildings Monteith Road, Egmore, Madras 8

Nature of Body Social
President Dr Sir A Lakshmanaswami Mudaliar
Vice Presidents Mr Justice K Ramaswami Gounder, T M Narayanaswami Pillai, M A, B L M L C
Hon Treasurer Major G V Pai
Hon Secretaries C Amritaganesan, Mrs V Hanumantha Rao Naidu

INDIAN ROADS AND TRANSPORT DEVELOPMENT ASSOCIATION LTD

Post Box No 1270, Burmah Shell House, Esplanade, Madras

Nature of Body Commercial
Chairman N R Ramsay
Vice Chairman T S Sundaram
Hon Secretary and Treasurer F W Fegen

KALAKSHETRA—INTERNATIONAL ACADEMY OF THE ARTS, ADYAR, MADRAS 20

Nature of Body Literary

Founded at Adyar in 1936 by Shrimati Rukmini Devi

A weaving department, famous all over India for its manufacture of saris, and a publication department are also part of the Academy's activities Attached to the Academy is the Mahamahopadhyaya Dr U V Swaminatha Iyer Library, the largest Tamil Manuscript Library in the world, with a rare collection of palm leaf manuscripts

Two other educational institutions work in close connection with and are benefited by the Kalakshetra's art activities, namely the Besant Theosophical High School and the Arundale Training Centre for Teachers (Montessori System)

THE KANARA CHAMBER OF COMMERCE

P O Box No 116, Bunder, Mangalore, South Kanara District

Nature of Body Commercial

President A Umanath Rao

Honorary Secretary U Subraya Mallia

Treasurer P Laxminarayana Rao

KASTURBA GANDHI HOSPITAL FOR WOMEN AND CHILDREN

Madras

Superintendent Dr Mrs Parukutty Raman, MD, MRCP, DTM & H

Assistant Superintendent Dr Mrs John MB, BS, FRCP

Lay Secretary and Treasurer A Ranganathan

KING INSTITUTE

Guindy, Saidapet P O, Madras 15

Nature of Body Educational

Director (on leave), Dr Y S Narayana Rao, MB, BS, DTM (Cal), DB (London)

Acting Director Dr M Narayana Pai, MB, BS

Government Analyst S Narayana Iyer, MA, AIISc, ARIC

Assistant Director Dr M K K Menon, MB, BS

THE MADRAS AMATEUR PHOTOGRAPHIC SOCIETY

9, Armenian Street, Y M I A Buildings, Madras 1

Nature of Body Scientific

President Dr Damoder Das, MB, BS, TDD (M)

Secretary Vedagiri S Sundaram, BA (Hons) (Econ), MA (Pol Sc), FRES

Treasurer L Ramalingam

MADRAS CHAMBER OF COMMERCE

'Dare House, First Line Beach, Madras

Nature of Body Commercial

There are three kinds of members, ordinary members, honorary members and affiliated members Election for membership is by ballot

The Chamber undertakes arbitrations and surveys **and the granting of certificates of origin**

There are 83 Firms, who are Members of the Chamber, and there are 5 Affiliated Members and 8 Honorary Members of the Chamber

Chairman H I Wonfor *Vice Chairman* J O G Barnes *Secretary and Adviser* F W A morris OBE

Chamber's representatives on various public bodies —

Corporation of Madras H I Cormack *Madras Port Trust* N Barlow F G Hadden *Southern Railway Advisory Committee* S S T Chari *Board of Communications* W A Griffiths *Senate of the University of Madras* S S T Chari D J Jigyasu *Senate of the Annamalai University* R Madhavachari *East Indian Tanned Kips and Skins Sub Committee* F A Pope *Telephone Advisory Committee* S S T Chari *Board of State Aid to Industries* S G H Davis *Madras State Cotton Committee* I H Cameron *Port Pilferage Committee* J G Young *Ex Services Association (India)—Madras Branch* I Cumming *Posts & Telegraphs Advisory Committee* I Cumming *Executive Committee of the Tuberculosis Ex Patients Colony, Tambaram* A Sinclair Rose *State Advisory Committee on Forest Utilization* N F Still *Merchant Seamen's Welfare Committee, Madras* J G Young *Seamen's Institute* A W Stansfeld

THE MADRAS INDUSTRIES ASSOCIATION

166, Mount Road, Madras 2

Nature of Body Commercial

President C Perumalsami Reddiar, MLC

Vice President & Treasurer P M Audikesa valu Naicker

Superintendent M Venkatasubbaiya, BA (Co operative Sub Registrar)

MADRAS LIBRARY ASSOCIATION

4, Sami Pillai Street, Triplicane, Madras 5

Nature of Body Educational

President K V Krishnaswamy Aiyar

Secretary K Chandrasekharan, S M Fossil, S R Ranganathan

Asstt Secretary K M Sivaraman

MADRAS LITERARY SOCIETY AND AUXILIARY OF THE ROYAL ASIATIC SOCIETY

Office **College Road, Nugumbakam Madras**

The Society's Library contains nearly a lakh of books **which are circulated to members**

MADRAS OIL & SEEDS ASSOCIATION

Parry's Old Bldg, P O Box No 1639 Madras 1

Secretary V S Krishnamurti

THE MADRAS PIECEGOODS MERCHANTS ASSOCIATION

100 Godown Street Madras 1

Nature of Body Commercial

President V Devarajulu Chetty

Vice Presidents T V Ethirajulu Chetty, BA, Narandas J Dutia

Honorary Secretary B M Mehta

Honorary Treasurer J Rangiah Chetty

MADRAS PROVINCIAL FOOD GRAINS MERCHANTS ASSOCIATION

40, Anderson Street Madras 1

Secretary S Ramaswamy Iyer

MADRAS PRESIDENCY ELECTRIC LICENSEES ASSOCIATION

10, Mount Road Madras 2

Secretary K Gopal Rao

THE MADRAS PROVINCIAL HANDLOOM CLOTH MERCHANTS ASSOCIATION

Post Box No 1598 65, Armenian Street, Madras 1

Nature of Body Commercial

President M S A Majid BA

Vice President S Hussain

Hony Secretary M S A Rahim

THE MADRAS PROVINCIAL HOTELS ASSOCIATION

289 Netaji Subhas Bose Road Madras 1

Nature of Body Commercial

President Basantlal Gupta BA BL

Vice President K Krishna Rao

Hony Secretary C S Viswanatha Iyer

THE MADRAS SOCIETY FOR THE PROTECTION OF CHILDREN

465, T H Road Washermanpet, Madras 21

Nature of Body Social

Chairman Managing Committee Mr Justice P Chandra Reddy Garu

Honorary Secretary D Kanniah Nayudu, BA

Hony Treasurer T Ramanujam, BA, BL

MADRAS STOCK EXCHANGE ASSOCIATION LTD

378, Esplanade, Madras 1

Secretary E R Krishnamurti

MADRAS TRADES ASSOCIATION

Spencer Bldgs, Mount Road Madras 2

Secretary C W Stephenson

THE MADRAS UNIVERSITY STUDENTS INFORMATION BUREAU

Room No 6, University Buildings, Madras

Nature of Body Social and Educational

Chairman The Vice Chancellor Madras University

Deputy Chairman Director of Public Instruction, Madras

Secretary G A Dharma Rajan MA (Oxon)

MADRAS YARN MERCHANTS ASSOCIATION

264 Mint Street Madras 3

Secretary V Mangalvadekar

THE MADURA EXHIBITORS ASSOCIATION

New Cinema Buildings Mainguard Square, Madurai

Nature of Body Commercial

President P A B Kuppuswamy Iyer

Vice President K Nataraja Pillai

Honorary Secretary N R Seetharamier

MADURA RAMNAD CHAMBER OF COMMERCE

273, Ramnad Road, Madurai, South India

Nature of Body Commercial

President K M S Lakshmanier

Vice President P M Pandia Nadar

Hon Secretaries R Nagaraj A R Raghavan

THE MALABAR CHAMBER OF COMMERCE

Old Empress Hotel Building, Calicut, Malabar

Nature of Body Commercial

President P P Hassan Koya, BA, BI

Hon Secretary J D David

Manager M K Krishnan

MOTOR VEHICLES AND ALLIED MERCHANTS ASSOCIATION

1/155 Mount Road, Madras 2

Nature of Body Commercial

Chairman T S Santhanam

Vice Chairman K Hariharan

Secretary S N Ramasami MA

THE MUSLIM EDUCATIONAL ASSOCIATION OF SOUTHERN INDIA

Association Gardens 49 Peters Road Royapettah Madras 14

Nature of Body Literary and Social

President Janab Haji Moulvi M Nazir Hussun Sahib

Honorary Secretary M S A Majid BA, Ex M I A

Honorary Asstt Secretary Mrs Ayesha S Abdul Qadir MA LT

THE NEO MALTHUSIAN LEAGUE

Office —6/11, Gandhipuram, 5 Coimbatore (South India)

Madras Office —48, Avadanam Paper Road, Vepery, Madras

Nature of Body Social

This organisation with subsidiary Birth Control Clinics have been functioning in Coimbatore and Madras since 1936 It has brought out publications in English, Tamil Malayalam, Telugu, Canarese, Hindi and Urdu on birth control and allied subjects

Patron The Maharaja of Pittapur *President* Sir P S Sivaswami Aiyar KCSI, CIE

Vice Presidents Sir C P Ramaswami Aiyer, KCIE, Sir V Ramesam, Kt, Sir M Venkata subba Rao, Kt

Secretary and Manager R K Nair, *Lady Asstt* Mrs R K Nair

The official organ of the League is *The Madras Birth Control Bulletin*

THE RAMALINGA MISSION

"Sanmarga Vilas," 61, Sami Pandaran Street, Mount Road Madras 2

Nature of Body Social, Literary and Religious

President P Duraikannoo Mudaliar, MA (Hist) LT

Vice President S Murugesa Mudaliar, BA, LT

Secretary M A Nityananda Mudaliar

SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS

Vepery High Road, Vepery, Madras 7

President Mr Justice N Somasundaram

Honorary Secretary P M Balasubramania Mudaliar BA BL

Honorary Treasurer Sathrasala Venkataram, FCI, FCom, ScA

SOUTH INDIA TANNERS AND DEALERS ASSOCIATION

Ranipet, North Arcot District, Madras State

Nature of Body Commercial

President Janab Ch Fakir Muhammad Sahib

Hon Secretary Janab A B Hajee Md Sulaiman

Secretary S V Sundara Raman

THE SOUTHERN INDIA BRAHMO SAMAJ

135, Anna Pillai Street G T Madras

Nature of Body Spiritual and Social

Institutions connected with the Samaj the Brahmo Samaj Higher Elementary Day School, The Brahmo Samaj Free Reading Room, the Depressed Classes Mission Society Sir R Venkatrathnam Memorial Orphanage 50, Ganga dareswarar Koil Street, Purasawalkam

President Smt K Alamelumangai Thayaramal

Hony Secretary and Supdt, Orphanage C S Natesan

Manager M Ram Mohan

SOUTHERN INDIA CHAMBER OF COMMERCE

Indian Chamber Buildings, Madras

Nature of Body Commercial

Three classes of members Affiliated, Resident and non Resident

The Chamber is a member of the Federation of Indian Chambers of Commerce the Indian Chamber of Commerce in Great Britain, and the Indian National Committee of the International Chamber of Commerce, Paris

The Chamber holds survey and arbitration, issues certificates of origin and certificates of invoices, certificates of sampling, analysis and weights

The Chamber has about 900 members on the rolls and has its own building

President —M A Chidambaram Chettiar

Vice Presidents —P R Nammalwar and F Ranganatha Mehta

Secretary —K A Menon

SOUTHERN INDIA JOURNALISTS' FEDERATION

5 6, Sri Rama Buildings, Mount Road, Madras 2

Nature of Body Literary

Has a membership of more than 400 Membership is open to all South Indian Journalists

Since November, 1949, the Federation has been running a monthly journal *The South Indian Journalist* (*Editor* Khasa Subba Rao)

OFFICE BEARERS—*President* N Raghunatha Aiyar (The Hindu), *Vice Presidents* S Saranga ratnam (Swadesamitran), V S G Sarma (Indian Express) and S A Govindarajan (The Hindu), *General Secretary* V K Narasimhan (The Hindu) *Joint Secretary* R Balan (Sunday Times), *Treasurer* R Sundaram (The Hindu)

THE SOUTHERN INDIA SKIN & HIDE MERCHANTS ASSOCIATION

16, Sydenham s Road, Periamet, Madras 3

Nature of Body Commercial

Hon Secretaries Janab M Hajee Nazir Hussain Saheb, Janab C Hajee Fakir Mohamed Saheb, C Kalyanasundaram Chettiar

SRI RAMAKRISHNA MATH

Mylapore Madras 4

Nature of Body Philanthropic and Religious

President Swami Kailashananda

Manager Swami Suddhasatwananda

Editor, Vedanta Kesari Br Vireswar Chaitanya

ST JOHN AMBULANCE ASSOCIATION, SOUTH INDIAN STATE CENTRE

Red Cross Buildings, Monteith Road, Egmore, Madras 8

Nature of Body Social

President Sri Prakasa, Governor of Madras

Chairman Dewan Bahadur T M Narayana swamy Pillay

Hon Secretary Rao Sahib Dr K N Nair, O St J

THEOSOPHICAL SOCIETY

International Headquarters Adyar, Madras

Nature of Body Religious

Objects **To form a nucleus of the Universal Brotherhood of humanity, without distinction of race, creed, sex, caste or colour, to encourage the study of comparative religion, philosophy, and science, to investigate unexplained laws of nature and the powers latent in man**

The Indian Section consists of 377 Lodges with headquarters at Banaras City, U P *General Secretary* Rohit Mehta

The Society has its own printing house (Vasanta Press) and the Theosophical Publishing House where books and journals are produced and dispatched to many countries

President N Sri Ram, BA

Vice President Sidney A Cook

Recording Secretary Ann Kerr

Treasurer H B F Moorhead

UNITED PLANTERS ASSOCIATION OF SOUTHERN INDIA

'Glenview,' Coonoor, Nilgiris

Nature of Body Commercial

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Secretary L E Mitchell

Asstt Secretary P S Subramaniam

YOUNG MEN'S CHRISTIAN ASSOCIATION

Esplanade, Madras 1

Nature of Body Social

President P C Mathew, Commissioner of Transport

Hon Treasurer C Gokhavi, Accountant, Railis (India) Ltd

General Secretary O V Alexander

YOUNG MEN'S INDIAN ASSOCIATION

9, Armenian Street, Madras 1

Nature of Body Literary and Social

President Sir C P Ramaswami Aiyar

Chairman, Managing Committee Capt G Srinivasamurthi

Hon Jt Secretaries S Narayanaswamy and L Srinivasan

CHURCHES IN THE CITY OF MADRAS

THE CHURCH OF SOUTH INDIA

Diocesan Office, Cathedral P O, Madras 6

Bishop in Madras and Moderator Most Rev A M Hollis, MA, BD

CHURCH OF SOUTH INDIA

Sholinghur, North Arcot

Asstt Bishop in Madras Rt Rev Bunyan Joseph

ST ANDREW S CHURCH

Choolai, Madras 7

Rev Andrew Abraham, LTh

HARWOOD RAW MEMORIAL CHURCH

22, Perambur Barracks Road, Vepery, Madras 7

Rev P J S Appadurai

GOOD SHEPHERD CHURCH

Sullivans Garden, Mylapore P O, Madras 4

Rev C S Balraj

SAN THOME TAMIL CHURCH

Mylapore, Madras 4

Rev H. Chinniah, MA

ZION CHURCH

Chintadripet, Madras 2

Rev V J Christo Doss MA, LT BD

SAN THOME ENGLISH CHURCH

San Thome, Mylapore, Madras 4

Rev H Chinniah, MA

ST MARY S CHURCH

Fort St George, Madras 9

Rev R L Watson

C M S TUCKER CHURCH

36, Broadway, Madras 1

Rev Peace B David, BA, BD

ST PAUL S CHURCH

Vepery, Madras 7

Rev R Duraiappa

ST MATHIAS' CHURCH

Vepery, Madras

Rev S J D Morias, BA, BD

LONDON MISSION CHURCH

Chapel Street, Vepery, Madras 7

Rev W D Gnanananda

C M S CHURCH

Washermanpet, Madras 21

Rev W D Gnanaprakasam

ANDERSON CHURCH

Hermitage, 1 A, Gopal Street, T Nagar, Madras 17

Rev T P Gopalasamy

ST JOHN'S CHURCH

Egmore, Madras 8

Rev R C Joseph

CHURCH OF SOUTH INDIA
Lebanonpuram, Perambur, Madras 11
Rev J Manickam

HOLY TRINITY CHAPEL
1/8, Hunter s Road, Vepery, Madras 7
Rev R S Michael, B A , L T

CHURCH OF SOUTH INDIA
15, Jones Street, George Town, Madras 1
Rev James Muthiah, B D

WESLEY CHURCH
"The Manse,' Poonamallee High Road, Vepery, Madras 7
Rev John Millns

ST PAUL'S CHURCH
Vepery, Madras 7
Assistant Presbyter Rev I S Mills
Rev A M Payler,
'Wesley House '
Ritherdon Road,
Vepery, Madras 7

CHURCH OF SOUTH INDIA
20, Main Road, Perambur, Madras 11
Rev C Rajaratnam, B D

CHURCH OF SOUTH INDIA
Poonamallee (Chingleput Dist)
Rev J V Roberts, B D

CHRIST CHURCH
Mount Road, Madras 2
Chaplain Rev H Rigg Stansfield, G O E, P A S I, M E S I

CHURCH OF SOUTH INDIA
Royapuram, Madras 13
Rev J S Subramaniam, B D

LONDON MISSION
Davidson Street, George Town, Madras 1
Rev P R Samuel, L Th

ST MARK'S CHURCH
49, S N Chetty Street, Royapuram, Madras 13
Rev H C William, M A , B D

MALAYALAM CONGREGATIONS
20, Nammalwar Chetty Street, Vepery, Madras 7
Rev C T Thomas

CHURCH OF SOUTH INDIA
41, Adam Street, Mylapore, Madras 4
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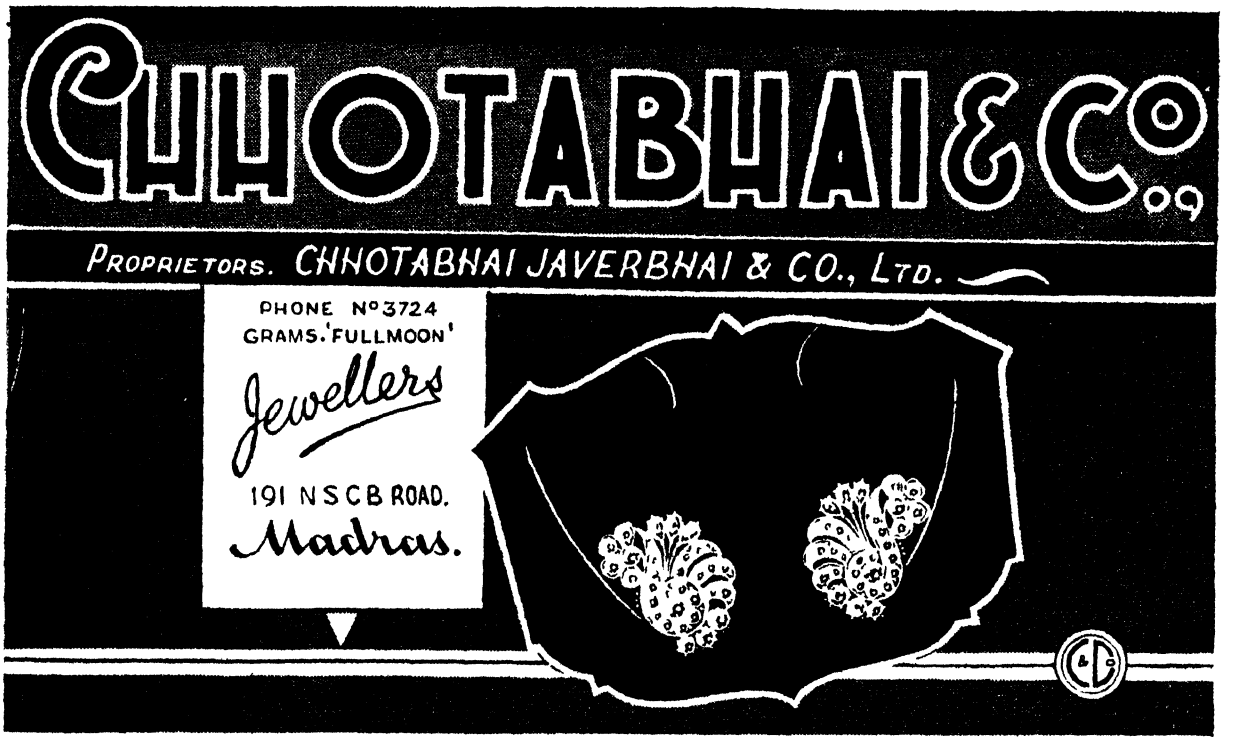

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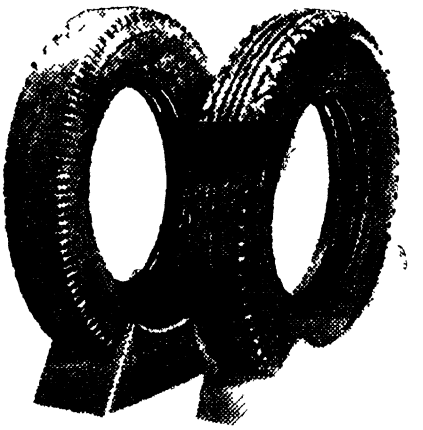

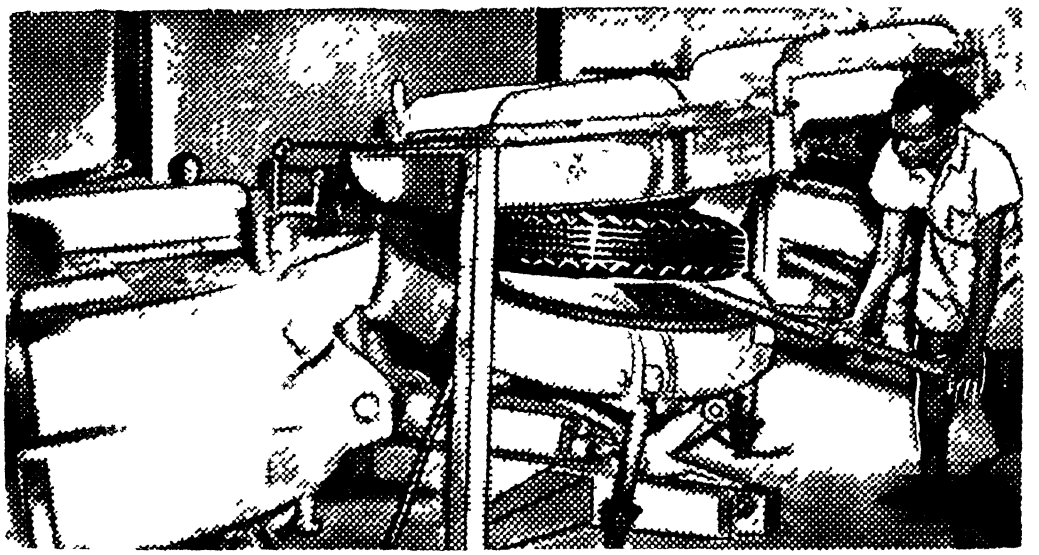

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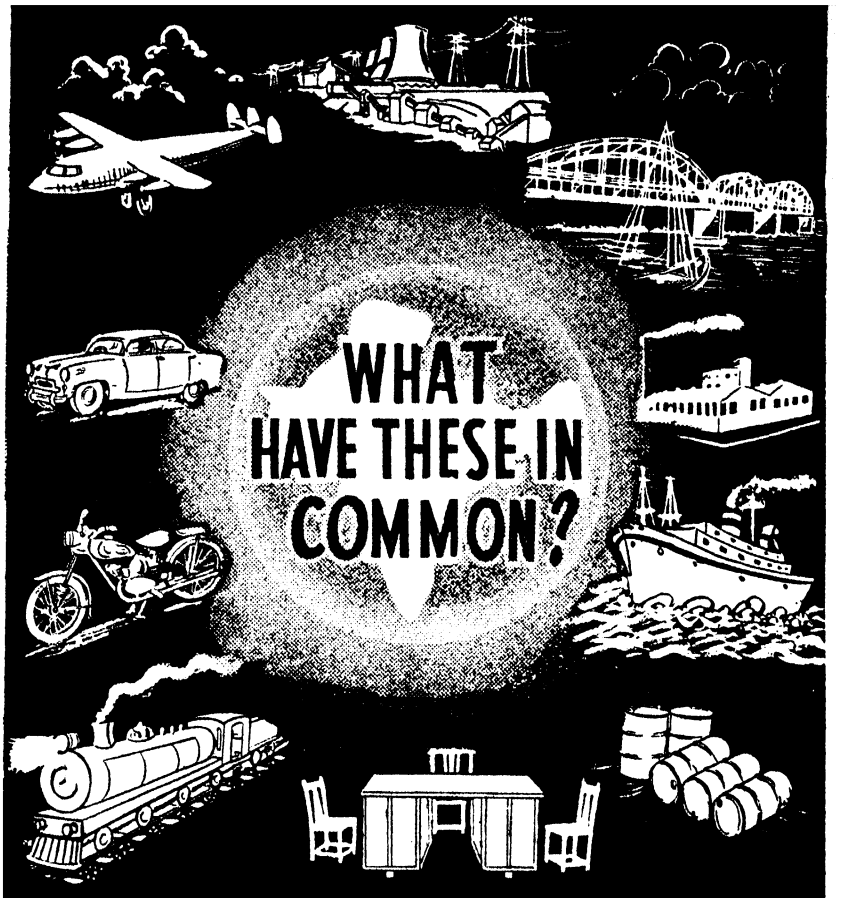

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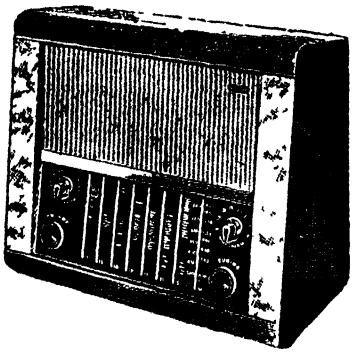

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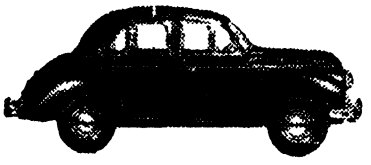

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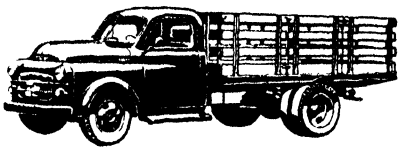

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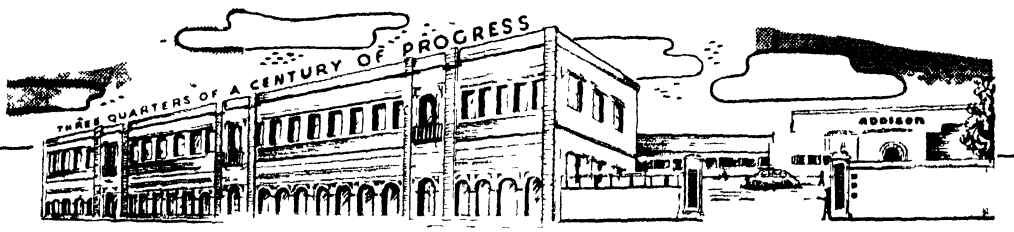

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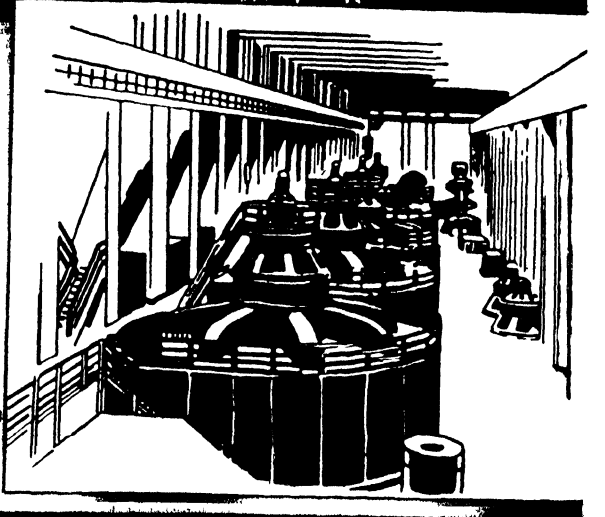

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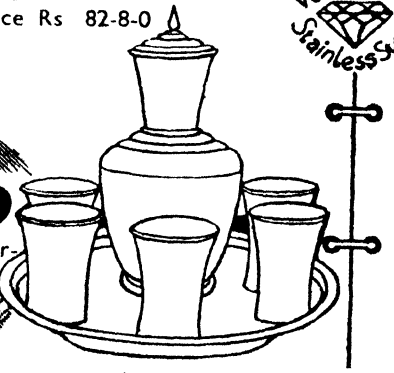

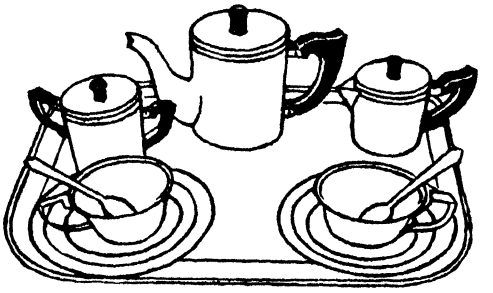

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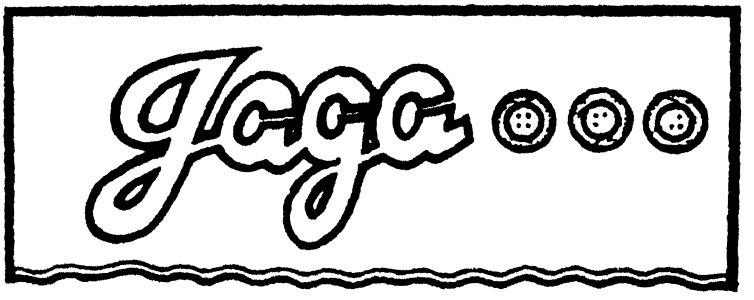

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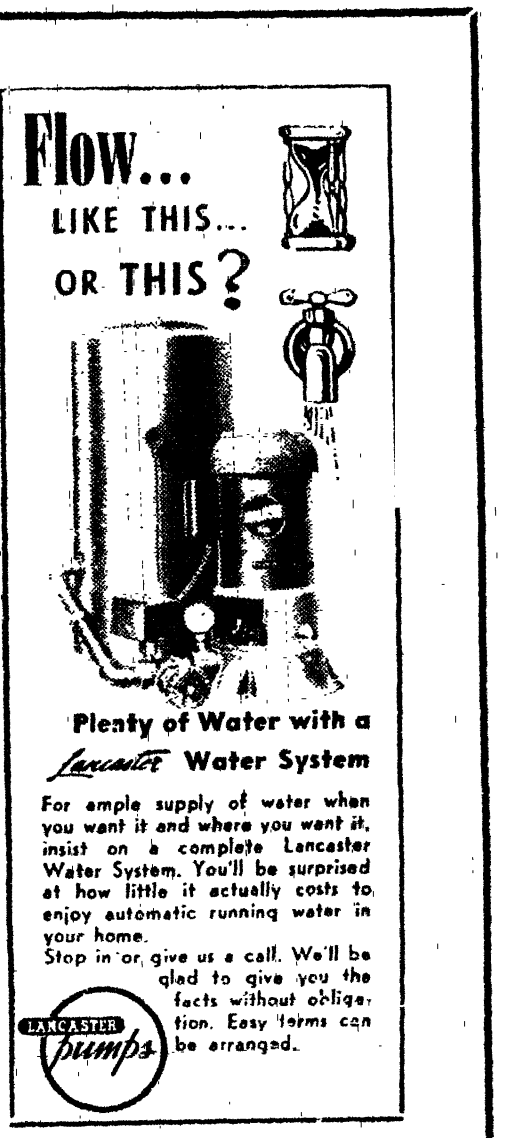

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Capa Limited —Chemicals 58, Chinnathambi Street, Georgetown, Madras
Chari & Ram —Dyes East Gate, Madurai Dist
Chokshi Brothers —Photo goods 5/17, Mount Road, Madras
Chowgule & Co —Photo materials 9, Sembudoss Street, Madras
Dadajee Dhackjee & Co Ltd —Dyes 197, Govindappa Naicken Street, Madras
Dhampalal Mootha —Murray, etc 101, Narayana Mudali Street, Madras

CLOCKS AND WATCHES

Gani & Sons —Watches and clocks 55/57, Rattan Bazar, Madras
Jalal & Sons —Watches and clocks 46, Rattan Bazar, Madras
P Orr & Sons —Watches 200, Mount Road, Madras
R C & Co —Watches and clocks 107, China Bazar, Madras
Rusi Limited —Watches and clocks 69, Rattan Bazar, Madras
Vasantha Watch Co —Watches Court Road, Kozhikode
Western Trading Co —Watches 13, 14, East Chitral Street, Madurai Dist

COFFEE

Abdulkader and Kasirajan —Coffee Goodshed, Mangalore
Annappa Subraya Nayak & Co —Coffee Bunder, Mangalore
Brook Bond (India) Ltd —Coffee Palmgrove Road, Coimbatore
Chettiar & Co.—Coffee seeds 39, Town Hall Road, Madurai Dist
Coimbatore Commercial Corporation —Coffee R G Street, Coimbatore
Dada Haji Ebrahim Halari —Coffee Bunder, Mangalore
Doraj Brothers —Coffee Gandhi Bazar, Palghat Municipality
Ganesh & Co Ltd —Coffee seeds 22, Venkatanarayana Road, T Nagar, Madras
India Coffee Board —Coffee seeds Batlagundu
India Coffee House —Coffee powder 192, Mount Road, Madras

COIR AND COIR GOODS

Abdul Rahim Rowther & Sons —Coir Salem Junction
Alapati Ramamurthy, Gelli Krishnamurthy & Co —Coir and rope Main Bazar, Vijayavada.
Boolchand & Sons —Carpets Visakhapatnam
Casu & Bros —Coir Yarn Fort Cochin
Day Limited (H E) —Coir yarn Fort Cochin
Perechen & Co (P) —Coir yarn Kadalundi
Repley & Co - Carpets Kakinada
Ramalakshmana & Co —Carpets, wicks, tapes, etc Arunachala Asari Street, Salem
Venkatalakshmi & Co —Carpets, wicks, tapes, etc 66, Chinna muthu Street, Shevapet, Salem
William Goodacre & Sons —Coir yarn coir fibre and coir mattings Beach Road, Kozhikode

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Co operative Marketing Society —Commission agents Karur Tk
Co operative Stores —Commission agents, agency goods Salur
Hind Mercantile Corporation —Commission agents 308/9, Linghi Chetty Street, Madras
Ismalia Commercial Syndicate —Auctioneers 8, Chinnathambi Street, Madras
Japee & Co (P K) —Indenting agents 171, Nainiappa Naick Street, Madras
Jonnalagadda Sriramulu —Commission agents Tenali Town, Guntur
Mavji Dayabhai —Agency goods Parvatipur
Oriental Mercantile Agencies - Manufacturers and representatives 99, Armenian Street, Madras
Oriental Mercantile Distributors —Merchants and agents 90 Armenian Street, Madras

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Ananda Match Co —Biscuits Tirumangalam, Madurai Dist
Babu Confectionery —Confectionery 26, Muthia Mudali Street, Washermanpet, Madras
Charley & Co —Biscuits Tirumangalam, Madurai Dist
Gowri & Co —Biscuits Usilampatti, Madurai Dist
Harrison & Co —Bakery 168, Broadway, Madras
Milady s Stores —Biscuits 54, Badrian Street, Madras
Pen Soss —Biscuits Usilampatti, Madurai Dist
Ratna Biscuit & Co —Biscuits Usilampatti, Madurai Dist
Sattas & Co —Biscuits Usilampatti, Madurai Dist
Savoy —Bakery 154, Purasawalkam High Road, Madras

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Andra Construction & Co —Works contracts Lakshminarayana puram
Bhawoo Kasinath & Co —Government contractors 6, Patulla Road, Mount Road, Madras
D'Souza & Sons (C J) —Works contracts Bendoor, Mangalore
Engineers & Traders —Contracts Kutukuluru
Gannon Dunkerley & Co —Works contracts 14, Boag Road, Tyagarayanagar, Madras
Gurusami Serval & Co —Building contractor 24, Gokhale Road, Madurai
Heatly and Gresham Ltd —United India Life Buildings, Esplanade, Madras
Kheta Bhimjee —Works contracts Visakhapatnam
Madras House Construction Society —House building contractors, Government House, Mount Road, Madras
Southern Constructions Ltd —Building contractors 4, Kannady First Street, Mylapore, Madras

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Glassware & Allied Products —Corks 63/1, Malayaperumal Street, Madras
Madras Bottle Supply Co —Corks 64, Malayaperumal Street, Madras
Pathy & Co (T L) —1/67, Malayaperumal Street, Madras
S K R & Sons —Corks 160, Nainiappanaick Street, Madras

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Central Agency —Cotton 19, Vanier Street, Madras
Coimbatore Cotton Mills Ltd —Cotton Singanallur
Coimbatore Kamala Mills Ltd —Cotton Uppilipalayam
Eastern Cotton Co —Cotton export Syrian Church Road, Coimbatore
East India Corporation Ltd —Cotton Madurai Dist
Gill & Co —Cotton Adoni, Bellary Dist
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Madras Sales Corporation -Cycle spares 21 General Patters Road Mount Road Madras
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Albert David Ltd - Pharmaceuticals products 14 Sembudoss Street Madras
Alembic Distributing Agency - Medicines 154, Naimappa Naick Street Madras
Bays Medicals Chemists and druggists 97, Nynappa Naick Street Madras
Boots Pure Drug Co , Ltd Medicines Fort Cochin
East India Pharmaceutical Ltd - Pharmaceutical products 22, Second Line Beach Madras
Fairdeal Corporation Pharmaceuticals 378 Esplanade Madras
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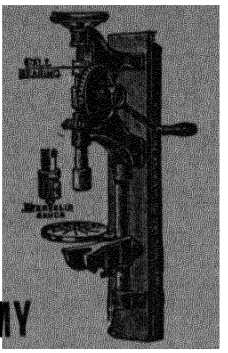

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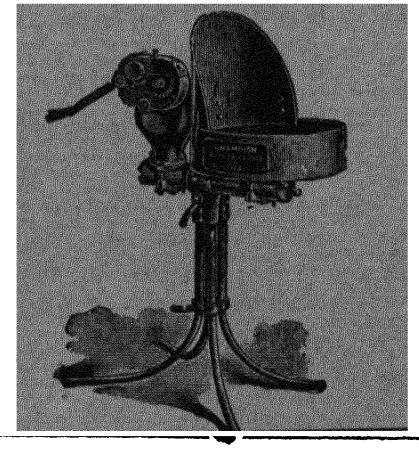

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Ramaswami Gounder & Sons Co —Mats Sandapattai Street, Karur Taluk

MECHANICAL ENGINEERS

Modi & Modi —11, Linghi Chetty Street, Madras 1

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Gulabchand Sohanlal -Military disposals and salvage goods 236, Tiruvottiyur High Road, Washermenpet, Madras

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Chittoor Co operative Milk Supply Union Ltd —Milk Chittoor, Chittoor Dist
Coimbatore Co operative Milk Supply Union —Milk R S Puram, Coimbatore
Madras Co operative Milk Supply Union Ltd —Milk Aynavaram, Madras
Madras Corporation -Milk powder 60, Chinnathambi Street, Madras
Madurai City Co operative Milk Supply Union - Milk Good Shed Street, Madurai Dist
Nestles Products —Milk powder 30, Second Line Beach, Madras
Ootacamund Co-operative Milk Supply Society —Milk Walsham Road, Victoria Hall, Ootacamund
Tanjore City Co operative Milk Supply Union Ltd —Milk Tanjore

MINERALS

Ahamadali Bros —Coal Hanumanpet, Vijayavada
Alluri Ramarao —Coal Kovvur
Andra Produce Supplies —Mica Gudur
Babu Industries —Slates Town Station Road, Tiruchirappalli
Chenga Reddy & Co, Ltd —Mica Gudur
Cochin Coal Co, Ltd —Coal Fort Cochin
Coromandel & Co —Shipping agents for coal and manganese ore Visakhapatnam
General Trading Co —Barytes, Nagarajupeta, Cuddapah
Indian Union Mica Produce —Mica. Gudur
Jajodius Ltd —Mica 40/42, Mookur Nallamuthu Street, Madras

MUSICAL INSTRUMENTS

Ama Ltd —Radios. 189-B, Mount Road, Madras
Calicut Electric & Novelty Stores —Dealers in radios S M Street, Kozhikode
Dugal & Co (G S) —Radios 35, Mount Road, Madras
General Radio & Appliances —Radio 18/20, Boothaperumal Naicken Street, Madras
Gramophone Co —Gramophones, radios and accessories 122, Mount Road, Madras
Radio & Electricals Ltd —Radio goods No 1, 29 B, Mount Road, Madras
Saraswathi Stores —Gramophone records 2/159, Mount Road, Madras
Universal Agencies —Radios 3/18, Mount Road, Madras
Western Trading Co —Gramophone records 13/14, East Chitrai Street, Madurai Dist
Wireless Sales & Service —Radios Mount Road, Madras

NON-FERROUS METALS

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Aluminium Workers Co operative Production & Sales Society — Aluminium Rajahmundry
Balaji Venugopal & Co —Brass Rajahmundry
Bhagavan Ganesh Pai & Co —Copper sheets Camp Bazar, Cannanore
Chittury Thirapatyya Sons —Brass Kakinada
Mahalakshimi Metal Industries —Brass Rajahmundry
Metal Press Works Ltd —Tin Etukur Road, Guntur
Pental Ramulu & Bros —Aluminium. Rajahmundry
Swamy Foundry —Brass 26, Avadi Srinivasa Iyer Street, Madras
Vaka Appalaswamy & Co —Aluminium. Rajahmundry

OILS (ESSENTIAL)

East Indian Sandal Oil Distilleries Ltd —Sandal oil Kuppam, Chittoor Dist
Jains Eucalyptus Oil Factory —Eucalyptus oil Coonoor
Kangundhi Industrial Works Ltd —Sandal oil Kuppam, Chittoor Dist
Mettur Sandalwood Oil Co —Sandal oil Mettur Dam
Planters & Co —Eucalyptus Coonoor
South Indian Industrial Works —Sandal oil Kuppam, Chittoor Dist

OILS (MINERAL)

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Harris Bros —Petrol, kerosene and motor oil Fort Road, Cannanore
Harvey Mill Employers Co-operative Stores —Kerosene Vikramasingapuram
Konjeti Venkatappa Sons —Kerosene Ongole, Guntur
Ogeti Seshiah & Sons —Kerosene oil Tadpatri, Anantapur Dist
Rama Mohan Bros —Kerosene 1/11, Ormes Road, Madras
Samy & Co (V M) —B O C products Gummudipoondi
Seth Srinivasadas Hanuman Prasad —Kerosene Railway Approach Road, Vijayavada
Subba Rao (R) and Hariprasada Rao —Kerosene Chirala, Guntur
Wakefield & Co, Ltd (C C) —Lubricants, oil and grease 16, Second Line Beach, Madras

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Abdul Razack Sahib —Gingelly oil and oil-cake 55, Sydenhams Road, Madras
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Assainar & Co —Oil Mubarak Oil Mills, Badagara
Bhushanam Oil Mills —Groundnut oil Tadepalligudem
Bhimlipatam Trading Co —Groundnut oil Bheemunipatnam
Jayalakshmi Oil Mills —Groundnut oil Panruti, South Arcot Dist
Jansi Oil Mills —Oil and cake Villupuram, South Arcot Dist
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Khushal Chand Damji & Co —Groundnut oil Adoni, Bellary Dist

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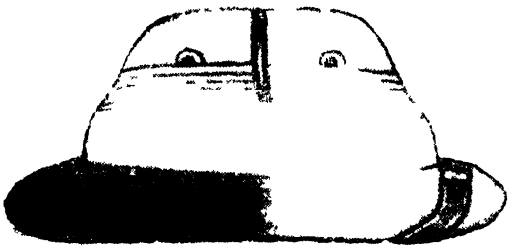

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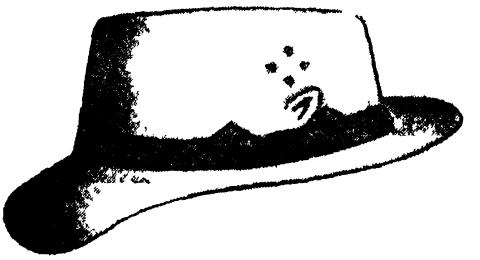

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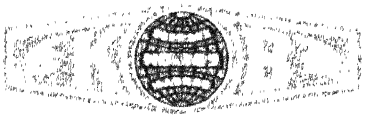

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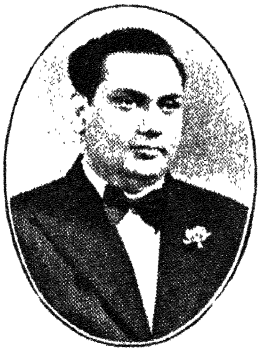

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Gopalakrishna Kone Trust Printing Rengasami Servai Lane, Madurai
Madras Publishing House —Printers 19, Mount Road, Madras
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Nelson & Co —Typing manufacturing 62, Swami Pillai Street Madras

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Nagireddy Thimmappa & Co —Pulses Flower Street, Bellary Dist
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P C C Society —Pulses Velpur
Raichoti Ramiah & Co —Pulses and grams Adoni, Bellary Dist
Sampangi Chetty & Sons —Pulses 3 B, Acharappan Street Madras
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Star Tile Works —Timber Kallai, Kozhikode
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Timber Union —Timber Ballpatam
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D'Souza (A R) —Umbrellas Market Road, Mangalore
Ebrahim Currim & Sons —Umbrellas Kozhikode
Mehta Brothers —Umbrella and spare parts 2, Narayana Mudali Street, Madras
Modern Umbrella Manufacturing Co —Umbrella and spare parts 11, Nyniappa Naick Street, Madras
Popular Umbrella Mart —Umbrella 250, China Bazaar Road, Madras
Roopchand & Co (S) —Umbrellas 12, Elephant Gate Street, Madras
Sujirkar Brothers —Umbrellas Market Road, Mangalore

UTENSILS

Abdul Rahim Brothers —Crockery 13, Evening Bazaar, Madras
Airody Radhakrishna Pai —Copper and brasswares Udipi
Alagappa Industrials —Aluminiumwares 45-B, Tiruvottiyur High Road, Madras
Mareddi Ankireddi & Co —Brassware Tenali Town, Madras
Sampson & Co —Silver silverware 8/22, Broadway, Madras
Sherfuddin & Co —Tea chests Big Bazaar, Palghat Municipality
Stoneware Pipes Ltd —Crockery Tiruvallur
Victor R Veigas & Bros —Copper and brassware Market Road, Mangalore

VEGETABLES

Azeez Trading Co —Onions 49 Chinnathambi Street, Madras
Blue Hills Tea Co —Potatoes Mettupalayam
Dasari Gangaraju —Onions Eluru
Madras Potato Supply Co Potatoes 1, Uthandi Street Madras
Marati Bikkoji Rao Nagoji Rao —Onions Bangalore Road Bellary
Marati Rangarao & Sons —Onions Bangalore Road Bellary
Nilagiri Potato Growers' Syndicate —Potatoes Mettupalayam
Ramaswami Naidu & Sons —Potatoes Ketti, Coonoor Taluk
Reddy & Co (T M) —Onions 48, Malayaperumal Street, Madras
Thirumurthy & Co —Tapioca Park Road, Erode

E. P. B. Manian & Co.,

5/34, AVANASHI ROAD, COIMBATORE

Phone 574

WHOLESALE & RETAIL

CHEMISTS
DRUGGISTS
and
GENERAL
MERCHANTS

Suppliers to:

MILLS, HOSPITALS, ESTATES, Etc.

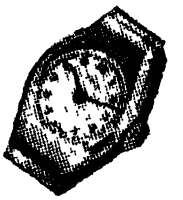
***Branch*: Municipal Office Road, TIRUPPUR**

WATCHES

GANI & SONS

WATCHMAKERS

★



Sole Importers of:

STYLO & ROLLS Watches

Agents for

OMEGA, TISSOT, WEST END and FAVRE LEUBA Watches.
PARKER and SHEAFFER PENS

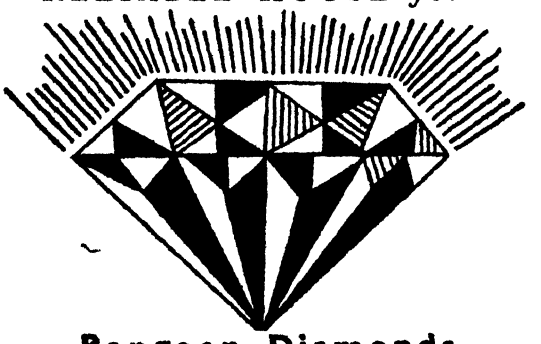
TOWER CLOCK SPECIALISTS

Head Office	*Branch*
55, Rattan Bazar,	**190-B, Mount Road,**
MADRAS, 3.	**MADRAS, 2.**

YARN

Central Agency —Silk thread 19, Vanier Street, Madras
Chellam & Co —Fibre 167, Cruz Fernandezpuram, Tuticorin
Friends Trading Co —Yarn Ongole, Guntur
Kissendoss Girdhirdoss & Sons —Cotton yarn 459, Mint Street, Madras
Kotak & Co —Staple fibre R S Puram
Krishna & Co —Fibre South Raja Street, Tuticorin
Krishna Mercantile Agency —Cotton yarn 9, Gopalakrishna Road, T Nagar, Madras
Mukkavalli Subbarao & Co —Fibre Kakinada
Nooney Venkata Swamy Sons —Yarn Cloth Bazaar, Guntur
Omersee Keshavji & Co —Cotton yarn Cannanore

RELIABLE HOUSE *for*



Rangoon Diamonds
JAMNADAS & CO.,
JEWELLERS
101, MINT STREET, MADRAS

ORISSA

Capital Cuttack

Area 60,136 sq miles

Total Population 14,645 946 (Males 7 242 892 and Females 7 403,054)

The sex ratio has undergone a slight change in favour of males 48 71 per cent in 1941 to 49 45 in 1951 In the case of females it has decreased from 51 29 per cent in 1941 to 50 55 in 1951

Average density of population 244 per square mile

Cuttack 2 520 244 Balasore 1 106 012 Puri 1 072 262 Sambalpur 1 301 804 Ganjam 1 624 829 Koraput 1 269 534 Phulbani 456,805 Mayurbhanj 1 028 825 Dhenkanal 839 241 Keonjhar 588,441 Sundergarh 552 203 Bolangir 917 875 Kalahandi 858 781

Age group The people may be divided into the following important age groups

Age group	*Persons*	*Males*	*Females*
Infants (0-1 year)	407 970	195 400	212 570
Young children (1-4 years)	1 441 200	706 240	734 960
Boys and girls (5-14 years)	3 569 800	1 824 940	1 744 860
Young men and women (15-24 years)	2 406 260	1 193 580	1 212 960
Young men and women (25-34 years)	2 318 120	1 119 850	1 198 270
Middle aged persons (35-44 years)	1 878 250	952 670	925 580
Middle aged persons (45-54 years)	1,311,490	664 750	646 740
Elderly persons (55-64 years)	766 560	363 540	403 020
Elderly persons (65 years and above)	546 010	221 920	324 090

Towns with a population of over 50 000 Cuttack (Capital of the State) and Berhampur

Birth and death rate The birth rate in the year 1936 the year of creation of Orissa as a separate State stood at 36 6 per mile which declined with some amount of fluctuations to 26 8 in 1950

The death rate for the year 1936 was 27 8 and it declined to 20 5 in 1950

Languages The principal language of the State is Oriya which is spoken by over 82 per cent of the population Telugu in the two southern districts of the State tribal languages such as, Santali Kondh Kui Savara, etc spoken in the backward areas of the State

Statement showing the number of persons speaking different important languages in Orissa Oriya (12 065 272) Telugu (342 523) Santali (333 979) Kondh (280 316) Kui (206 509) Savara (191 401) Ho (181 598) Urdu (159 017) Paraja (146,938) Hindi (123 971), Bhumij (99 687) Bengali (86 083) Kisan (66 428) Kol (50 362), Munda (45 009), Kova (37 139) Gadaba (33 041) Oraon (32 191), Mundari (27 758) Gond (22 157), Kharia (21 800)

Strength of the State Legislative Assembly 140

Number of members returned from State to the House of the People 20

Number of members returned from State to the Council of State 9

Administrative Divisions The whole of the State is divided into 17 Districts But some of the districts are tagged together for administrative convenience Thus there are only 13 Administrative Districts The following are the administrative districts with names of district headquarters

Cuttack and Narsinghpur (Cuttack) Puri and Nayagarh (Puri), Dhenkanal and Angul (Dhenkanal), Baudh and Khondmals (Phulbani), Balasore (Balasore) Sambalpur (Sambalpur) Ganjam (Chatrapur) Koraput (Koraput) Mayurbhanj (Baripada), Sundergarh (Sundergarh) Bolangir (Bolangir patna) Kalahandi (Bhawanipatna) Keonjhar (Keonjhargarh)

The District Magistrates of Cuttack Puri Dhenkanal and Baudh are the Ex Officio District Magistrates of the Districts tagged there with namely Narsinghpur, Nayagarh Angul and Khondmals

Number of Tahsils 58 Revenue Sub Divisions consisting of a number of Tahsils and Thanas

Number of District Boards 6
Number of Municipalities 10
Number of Notified Areas 4
Number of Panchayats 654 (1952)
Number of villages 50,984

LARGE-SCALE INDUSTRY

Main large scale industries of State with important locations in brackets

Textiles (Chowdwar Cuttack) Cement (Rajgangpur Sundargarh) Refrigerators (Chowdwar Cuttack) Paper (Brajrajnagar Sambalpur) Glass (Barang Cuttack and Bahalda I O Mayurbhanj) Sugar (Aska Ganjam and P O Rayaghada, Dist Koraput) Iron and Steel (Navabazar Cuttack and Parlakhemidi Ganjam) Vegetable Products (Bhatrapur Ganjam) Soap Works (Khariar Road Kalahandi) Potteries (Baripada) Salt and Chemical Industries (Orissa Bazar Cuttack)

CHIEF INDUSTRIAL UNITS

The Orissa Textile Mills The Orissa Cement Factory The Kalinga Refrigerator Cor Ltd The Orient Paper Mills Durga Glass Factory Aska Sugar Factory Mayurbhanj Spinning and Weaving Mills National Foundry and Rolling Mills Orissa Industries Ltd Bharat Vegetable Products Ltd Steel Co operation of Orissa Parlakhemidi Dt Koraput Hair Soap Works Mayurbhanj Potteries Bharat Salt and Chemical Industries Dawn and Co (Biscuit factory) Daraghabazar Cuttack The Orient Paper Mills

Production of individual industries (1952) Wheat flour 2 531 maunds Rice Milling 23 28 712 maunds Sugar 2 269 tons Distillery 143 088 I P G Oil Crushing 51 137 maunds Soap 3 709 maunds Tanning 83 339 lb Cement 114 721 tons Glass and glassware 3 541 tons Ceramics 56 tons Paper 27 691 tons Weaving and dyeing 22 355 bales, Iron and Steel 1,085 tons Bricks, Tiles and Lime 814 672 maunds Saw Milling 31 876 C F T Wood ware 69 grosses Printing 94 66 289 impression Narrow fabrics 33 tons Hosiery 33 225 dozens Dyeing and Bleaching 117 951 lb Electricity 25 17 106 K W H , Unspecified Industries 2 047

Number of registered factories in individual industries

Wheat and flour Mills 1 Rice Mills 88 Sugar factories 1 Distillery 5, Oil Crushing 5, Soap 1 Tanning 2 Cement 1, Glass 1, Ceramics 1, Paper 1, Cotton Textiles 5, Iron and Steel 4, General Engineering 37 Lac 3 Saw Milling 40 Tobacco 74 Printing 18 Hosiery 3 Dyeing and Bleaching 3 Electricity 5 Automobiles 6 Railway Workshop 2 Arms and Ammunitions 1, Unspecified Industries 18

Number of registered factories (upto June 1953) 428

Number of working factories 296

COTTAGE INDUSTRIES

Main cottage industries in State

Handloom Hides and Skins Salt manufacturing Horn works Bell metal Potteries Filigree, Blacksmithy Carpentery Tailoring, Cane Works, Soap making Trunk manufacturing and Paddy husking

Location Throughout the State except salt manufacturing which has been established in the coastal areas and filigree which is confined to Cuttack

Budget grant for 1953 54 under the head Industries Rs 28 91 000

MINERALS, METALS

Rich in mineral deposits The potentialities fully exploited Iron and manganese ore in large quantities and high grade chromite ore in limited quantities worked out Limestone and coal come next Other minerals like graphite fire clay china clay and kyanite worked in limited quantities

Location Iron ore —in Badampahar Gorumahisani and Subalpat in Mayurbhanj Thakurani Katamati Sayabali Murgabera and Kara khendra mines in Keonjhar

Manganese ore in Thakurani Bilkundi Bamebari Kadaparbat Sayabali Murgabera Urimpahar Siljora Kalimati Chormalda Dalpahar Harmatu Uliburu and Losarda in Keonjhar and in Koira Sarkunda Dhutra, Midli Gonua Oraburi Nuldihi etc in Bonai

Chrome ore in Lotia Boula and Nuasahi in Keonjhar and Sukinda in Cuttack

Coal Talcher in Dhenkanal district and Ib and Rampur in the district of Sambalpur

Graphite - in Dhandatopa and Bamura in Dhenkanal Sargpali in Sambalpur Chikribahal, Fapsi Sagadighi, Charbahata, Jubamal, Jubakhan etc in Balangir Muniguda in Koraput

Quantity and value of each mineral cut out in 1952 53 Iron (1 663 821 tons Rs 1 11,94 004) Manganese (323 30 tons Rs 1 87 40,676) Chromite (27 388 tons Rs 12 30 770) Graphite (718 tons Rs 87 616) Fire clay (18 384 tons Rs 1 84,678) Coal (455 500 tons Rs 72 16 039) Kyanite (1 012 tons Rs 27,435) Limestone (1 182 738 tons Rs 60 00 916) Dolomite (8,234 tons Rs 8 88 914), China clay (3,722 tons, Rs 1 24,778)

Total number of men employed in mines Average number of workers employed daily in the mines 31 884

Average number of workers employed daily in each mineral industry Iron ore (8,292), Coal (6,287) Other (17 305)

AGRICULTURE

Main food crops of the State Rice wheat, ragi maize and pulses

Main cash crops Jute sugarcane, tobacco and oil seeds and cotton

Total production of food crops in tons 2,522 089

Production of individual food crops Rice 2 226 788 tons Ragi 29,026 tons, Maize 9,253 tons, Wheat 2,766 tons

Production of individual cash crops Jute 255,696 bales Sugarcane 97,692 tons, Tobacco 1,380 tons, Oil seeds 79,514 tons, Cotton 2,276 bales

Total area of State in acres 35,229,166

Total area cultivated 11,920,066 acres

Total area of uncultivable land 23,309,100 acres (Including jungles and fallow)

Total area cultivated twice 3 328 750 acres

Total area under food crops 10 896 300 acres

Total area under cash crops 891,371 2 acres

Area under individual food crops Rice 9 991,000 acres Jowar 17 000 acres Millet 18 541 acres Maize 60,700 acres Ragi 166 600 acres Wheat 11 500 acres, Barley 1 000 acres, Gram 62 600 acres

Area under individual cash crops Sugarcane 61 200 acres Tobacco 10 000 acres Sesamum 273 000 acres Groundnut 63 200 acres Mustard 122 500 acres Linseed 54 000 acres Castor 42 400 acres Cotton 26 200 acres, Jute 116 271 2 acres

Area possibly available for further cultivation through reclamation measures 6 141 474 acres

Total area of plantations 19 acres

Number of plantations 5

Produce from plantations 718 lb

Total area under fruit (including vegetable and root crop) 488 073 acres

Kinds of fruits Mangoes Banana Papaya Orange Guava Coconuts

Kinds of vegetables Potatoes Sweet Potatoes Cabbages Cauliflowers Radish Brinjals Tomatoes Cucurbits Bhendi Arum Yams Gourdi

Livestock Total number of Cattle 7 888 918 Buffaloes 893 464 Horses 6 439 Sheep 681 365 Goats 1 446 709 Mules 508 Donkeys 768 Camels 905 Pigs 108 573 Fowls 3 877 981 Ducks 61 447

Variety of fish produced Bhekti Kakla Hilsa Borang, Sahal, Khuranti Kantia Ghungari Surga, Patua Singoh Misc

Quantity of each variety produced in 1952 Bhekti 4 527 mds Kakla 9 978 mds Hilsa 1 839 mds Borang 4 802 mds Sahal 1 954 mds Khuranti 3,477 mds Kantia 3 238 mds Ghungari 14 137 mds Surga 604 mds Patua 4 290 mds Misc 2 151 mds (1951)

FORESTS

Total forest area of the State About 24 000 square miles (This includes the Zamindari and private forests not under the management of the Department)

The forests occur in all the thirteen districts of the State but their distribution is rather poor in the coastal districts *e g* Puri Cuttack and Balasore

Total area of Private and Zamindari forest About 7,000 square miles

Main types of forests Tropical semi evergreen forest Tropical moist deciduous forests (Sal Forest and mixed forest) Tropical dry deciduous forest (Sal forest and mixed forest) Tidal forest (in the coastal area of Cuttack District)

Sal is the most important species of the State

Total revenue from the forest for the year 1952 53 Rs 88,77 870

Total expenditure for 1952 53 Rs 37,97,610

Main forest produce quantity of each variety and value of each variety in 1951 52 Timber (9 843,000 cft, Rs 34 92,300), Firewood (6 912 000 cft, Rs 11,31,791), Bamboos (45,478,577 nos, Rs 8 09 092), Kendu leaves (469,204 mds Rs 16,81 610), Silk Cocoons (1,301,742 nds Rs 3 471) Myra bolans (5,911 mds, Rs 10,997) Mahua flowers (6,026 mds, Rs 6 074) Khair (3,245 mds Rs 94,200), Lac (4 450 mds, Rs 44 009) Grazing and fodder grass (Rs 87,545), Sabai Grass (139,715 mds, Rs 1,24,902)

Afforestation During 1952 53, 110 acres were planted with Casuarina in Balukhand and Konark in Puri District at a cost of Rs 15,500

Besides a sum of Rs 2 41 203 was spent in afforestation in the different parts of the State

LAND RECLAMATION

Reclaimed land 233 610 acres

Area developed 3 406 acres

Number of tractors available 35

Number of refugee families resettled 2 300 (upto July 1952)

Basis of settlement Individual (Family)

Financial and other help given to colonizers The State Government spent a sum of Rs 1 2 5 119 for the resettlement of refugee families

Number of houses constructed 679

Number of masonry (tube wells) for irrigation and drinking water

Tube wells were sunk during the years 1952 53 These tube wells serve both irrigation and drinking purposes

Budget allotment for land reclamation for the year Rs 1 39 388 for the Land Reclamation Scheme through Government Agency

TRANSPORT

Total mileage of roads 12 742

Mileage of metalled roads 2 003

Mileage of unmetalled roads 4 293

Total mileage of railways in the State 873

Total mileage of water ways All the canals and some of the rivers are also navigable

Number of aerodromes 2 (Bhubaneswar and Jharsuguda)

Number of passenger service buses 802

Number of goods carrying trucks lorries 2,398

Number of taxis 16

Number of private cars 2 314

Number of post offices 1 219

Number of telegraph offices 918

Number of telephone exchanges 7

Number of Broadcasting Stations 1

Number of receiving licenses 5 972

Transport has been nationalised in the State

Name of Transport Authority The Regional Transport Authority, Orissa

State Transport

Operates passenger transport service only in the districts of Sambalpur Sundargarh Bolangir, Kalahandi Keonjhar and a part of Dhenkanal and Cuttack Districts

Capital invested Rs 19 92 400 (1952 53) Progressive (subject to audit)

Number of routes covered 34

Number of passenger vehicles owned 91

Number of goods vehicles 2 (used as petrol carrier)

Total number of passengers carried 1,680,874

Total amount of goods carried 17 800 mds (personal effects of passengers)

Total expenses of authority	Rs 23 20 000	Subject to audit
Total revenue	,, 26 60,000	
Profit	,, 3,40,000	

Rise in number of men employed after nationalisation From 473 in 1951 to 478 in 1952 53

Extra amenities provided for passengers Comfortable seats in buses and light water and rest houses at some important halting stations

The pre nationalisation fare was 1 anna per mile

Rate after nationalisation

Sambalpur zone 11 pies for upper class and 8 pies for lower class per mile

Sundergarh Zone 1 anna for upper class and 9 pies for lower class per mile

Keonjhar Zone 1 anna for upper class and 8 pies for lower class per mile

Orissa Road Trasport Company Ltd.

Operates passenger transport service only in the Districts of Ganjam Phulbani and in parts of Puri and Cuttack Districts

Capital invested Rs 21,16 375 (1952 53)

Total mileage covered 1 617 561 miles (1952 53)

Number of routes covered 37

Number of passenger vehicles 71

Number of suburban bus service 2 (Cuttack Bhubaneswar)

Total number of passengers carried 1 555 565

Total expenses of authority Rs 15,78,659

Total revenue Rs 15 82 171

Profit Rs 3 512

Extra amenities provided for passengers Comfortable seats in buses and light water and rest houses at some important halting stations

CO OPERATION

Total number of Co operative Societies (Registered) 5 892 including Banks

Total membership of Co operative Societies 319 765

Total working capital Rs 466 16 lakhs

Types of Co operative Societies and number of each type Orissa Provincial Co operative Marketing Society 1 Orissa State Co operative Union 1 Agricultural Credit Co operative Societies 4 425 Agriculture Non-Credit Co operative Societies 80, Non Agricultural Credit Co operative Societies 204 Non Agricultural Non Credit Co operative Societies 807 (including all Orissa Distributors Co operative Union and the Ganjam District Fishery Co operative Union) Provincial Co operative Land Mortgage Bank 1

Number of Central and District Co operative Banks 23

The Orissa State Co operative Bank 1

Working Capital Rs 55 83,066

DEPOSITS

Paid up Share Capital Rs 4,99 720

Reserve and other funds Rs 1 66 669

Dividend for the year Rs 1 02 808 (Net Profit)

Budget allotment for the Department for the year 1953 54 Rs 9,70 596

Revised Budget (1952 53) Rs 9 44 566

Actuals for the year (1952 53) Rs 7,96 386

STATE HELP FOR AGRICULTURE

Manures distributed under State auspices and their quantity Compost 11,01 584 tons, Oil cakes 295 tons, Fertilizers 435 tons

Quantity of improved seeds distributed Paddy 1 340 tons Wheat 9 tons Maize 1 ton, Groundnut 7 tons Gram 20 tons Pulses 192 tons Potato 15 tons

Agricultural Implements distributed or loaned 32 tractors and 53 pumps were loaned to cultivators during 1952 53

Number of agricultural experiment farms 46

Monetary help given by Government to cultivators Rs 1,25 149

Under G M F programme no cash loan was issued Seeds worth Rs 75,289 were loaned out, Rs 1,15,470 were spent in making pay

ment of premium, meeting the transit charges, etc, in distributing different kinds of seeds fertilizers and green manuring seeds and were ultimately treated as subsidy

Plant protection organisation and its operation 10 farms 50,379 acres

Rise in production of different crops owing to Grow More Food 16 676 tons

Highest yield per acre of different crops for which prizes were offered in competitions Paddy (133 mds 30 srs), Mung (26 mds), Potato (330 mds 18 srs), Mustard (6 mds), Wheat (29 mds 7½ srs)

Number of Cows 32,628, Buffaloes 406,384

Number of Veterinary Experimental Stations One

Number of Veterinary Hospitals 79

Number of Veterinary Staff 440

PUBLIC HEALTH

Commonest diseases in State and mortality from each of these in 1951 Cholera (4,192), Small pox (6,527), Fevers (including Malaria) (80,644)

Number of allopathic hospitals 147

Number of allopathic dispensaries 230

Total number of beds in allopathic hospitals 3,228

Number of Ayurvedic and Unani Hospitals and dispensaries Ayurvedic Hospitals 2, Ayurvedic Dispensaries 84, Unani dispensary 1

Number and type of special hospitals (T B, Cancer etc) 1 (T B Hospital at Uditanarayanpur, Bhawanipatna)

Total number of allopathic doctors (*a*) 442 (Government employees including staff attached to S C B Medical College, Cuttack), (*b*) 1,132 (allopathic doctors so far registered in the State)

Number of Ayurvedic practitioners 59 (Government)

Number of out door patients (allopathic) 43,45,221 (for 1951)

Number of in door patients treated in Hospitals (allopathic) 87,748 (for 1951)

Number of Government Hospitals Allopathic 117, Ayurvedic 2

Number of Medical Colleges Allopathic 1 (S C B M College, Cuttack), Ayurvedic 1 (Gopabandhu Ayurveda Vidyapitha, Puri)

Total number of students Allopathic 242, Ayurvedic 120

Strength of staff (*e g*, Health Officers and Health Inspectors, etc) on the preventive side of the Department 990

Budget allotment for 1953 54 Medical Department Rs 60 97,588, Public Health Department Rs 29,79 075

EDUCATION

Types of Schools	Primary Schools	Middle Schools	High Schools
Number of Schools	10,444	559	200
Total enrolment	4,90,035	49,274	56,108
Number of teachers	17,260	2,788	2,561
Total expenditure	65,02,733	25,37,252	38,56,620
Contribution by State Govt	53,52 017	12,20,706	15,51,429
By local authority	3,56,986	44,028	2,09,161
By private agencies	7,59,663	5,28,065	4,79,021
Fees	8,623	7,03,297	15,89,849
Contribution by Centre	27,444	41,146	

Number of Arts and Science Colleges 14

Arts, Science and Commerce (combined) 9, Arts 4, Science 1

Total number of women's colleges 1

Total enrolment 5,349 (Boys 4,986, Girls 363)

Total number of professors, lecturers, etc 298

Total expenditure for the year on higher education Rs 20,98,102

Contribution by State Government Rs 15,15,450

By private agencies Rs 25,673

Fees Rs 5,56,979

Total number of professional colleges (veterinary, agricultural, etc), 3 (Law 1, Medical 1, Training College 1)

Total enrolment 826

Total number of professors, lecturers, etc 75

Total expenditure on professional education Rs 5,55,370

Contribution by State Government Rs 5,03,760

Total number of teachers' training institutions 28

Number of training institutions which confer degree 1

Total number of teachers' or staff of training institutions 9

Total number of students at degree institutions 95

Total expenditure on teachers training Rs 5 86,749

Contribution by State Government Rs 5,79,030

By private agencies Rs 7,635

Fees Rs 84

Note —Besides the above, there are three colleges for special education, out of which, two are managed by Government and one is aided

Total number of students 238

Contribution by State Government Rs 73,044

Number of teachers 29

Number of commercial, technical institutes 29

Government managed 23

Aided 6

Total enrolment 1,116 (Industry 410, Commerce 37, Arts and Crafts 669)

Total number of instructors 127

Total expenditure Rs 7,36,481

Contribution by State Rs 6,59,785

By local authority Rs 12,801

Fees Rs 63,895

Research institutes and other notable institutions Research facilities have been provided under the Utkal University in Literature, History, Economics and Science Besides, there is a Research Department in S C B Medical College for Filaria In 1950-51 the State Government incurred an expenditure of Rs 48,847

Research and Museum section, Bhubaneswar

Number of schools for deaf and dumb 1

Enrolment 12

Number of teachers 1

Establishment institutions devoted to social education 501

Number of teachers available 204

Number of adults socially educated in a year 16,754

Total number of adults educated since movement was started 60 000

Total expenditure Rs 6,29,000

Contribution from private charity. Rs 6,29,000

Literacy in State 15·7 per cent.

An estimate of total number of adults in the age group 14-15 to be socially educated 72,00,000

Number of colleges owned by State Government 9

Aided Colleges 5

Number of teacher training institutions owned by State Government 28

By Local authority 24

By private agencies 4

Number of technical institutes owned by State Government 23

By private agencies 5

Number of Sanskrit Pathashalas 30

Number of European and Anglo Indian schools 3

Number of nursery schools (Balasramas) 4

Names of educational or research institutions in State to which the Central Government makes a grant and the amount of grant given in brackets Ravenshaw College (3 Junior Research Scholarships in Chemistry at Rs 100)

The grant given by the Central Government in 1952 for education of backward classes Rs 30,00 000

Grant given by the Central Government for expansion of education schemes Rs 78,300 ('52 '53) (For the purpose of constructing a building for Post graduate Department in Geology and purchase of apparatus in Ravenshaw College, Cuttack)

Elementary education is not compulsory throughout the State

Areas where education is free and compulsory Banki and Parlakimedi

Names of the places where compulsion is enforced Banki Union Board (24 villages) and Parlakimedi Municipality areas

Age of compulsion 5 to 11

Total number of children of the age group 6–14 in the State 28, 26, 667

Number of years required for making primary education free and compulsory for all students of the age group 6–14 40 years

Social Education

Social education is imparted through audio visual aids and literature Adult education is imparted through charts and primers

Curriculum of social education Health and Hygiene, Family and social life, Vocation, Literacy and Cultural activities, and Recreational activities

Duration of course 3 months (Literacy), 3 months (Post literacy)

The adults are educated in daily night classes. Certificates are awarded at the end of the course This education is imparted mainly through primary school teachers In order to retain literacy among adults library service is taken recourse to

The scheme began in 1949 and so far only about 60 thousand illiterate adults have been made literate but the total number of adult illiterates within the age group 14–45 is 72 lakhs If 3 lakhs are made literate every year it will take at least 24 years to reach the target but as it appears from the trend of increase of population, the target may go up as well

Wardha Basic Education scheme is making steady progress in Orissa

Number of Basic schools both Junior and Senior in the year 1952 53 227

Number of students. 14,146.

Number of teachers. 560

Number of Basic training schools 6

Teaching of regional language is compulsory till degree stage excepting for students in classes for degrees in Science and Commerce At degree stage students for B Sc and B Com degrees do not take any language Teaching of Hindi is compulsory from class VI to class IX Teaching of English is compulsory from class VI to intermediate classes At the degree stage only students for degree in Arts subject learn English on a compulsory basis English is the medium of instruction at College stage and there is no scheme at present to replace English as medium of instructions by Hindi or regional language

Public examinations which a student has to take during his school career Matriculation Examination

Name of body controlling such examinations Utkal University

Number of students who appeared 8,482

Number of students who passed 3,558

Percentage of failure 58

Plans for educational reconstruction or expansion (Primary and Secondary Education)

A bill for the formation of a Board of Secondary Education has been enacted A Planning Committee for the reorganisation of secondary education in the State has been set up For introduction of free and compulsory primary education—five places Baripada Sundergarh, Angul Athgarh and the Police Station of Athmallik have been selected on an experimental basis The operation of the scheme commenced from 1st December 1953 Full attention is being given for implementation of individual schemes under the Five Year Plan in respect of the State of Orissa

UTKAL UNIVERSITY

Cuttack 3

Vice Chancellor, Lt Col Dr P Misra, M Sc, Ph D (Leeds)

Registrar, G C Rath, M A, Dip in L Sc

Affiliating cum-Teaching University

Subjects for Post-graduate teaching and Research Oriya, English Economics, History, Mathematics, Physics, Chemistry and Botany

Number of colleges affiliated to the University 16

Number of teaching departments under its control 2

Annual income Rs 7,30,505 7 5

Annual expenditure Rs 7,14,564 15 0

Grant from State Government Rs 21 974, besides a block grant of Rs 1,20,574

LIST OF COLLEGES

Bhadrak College, Bhadrak (Balasore)

Christ College, Cuttack

Fakir Mohan College, Balasore

Gangadhar Mehar College, Sambalpur

Khallikote College, Berhampur (Ganjam)

Maharaja Purna Chandra College, Baripada (Mayurbhanj)

Narsing Chaudhury College, Jajpur (Cuttack)

Radhanath Training College, Cuttack

Rajendra College, Bolangir

Ravenshaw College, Cuttack

Sailabala Women's College, Cuttack

Samanta Chandra Sekhar College, Puri

Sri K C D. College, Parlakimedi (Ganjam)

Sri S C B Medical College, Cuttack

Stewart Science College, Cuttack

Vikram Dev College, Jeypore (Koraput)

Plans for educational reconstruction or expansion of university education At the instance of the Government of India, Ministry of Education, the Utkal University has submitted plans and estimates for the development of Post-graduate teaching and for research in a number of subjects and the requirements including cost of buildings are estimated at about Rs 48 00,000

The following projects are under consideration of the Government of India University building University library, up grading in the departments of Geology, Chemistry, Physics, Botany, Zoology, Anthropology, Mathematics, Medicine, English, Oriya, Economics, History, Orissan Art and Sculpture, Compilation of the History of Orissa and Psychology

During the year 1953 the following grants have been received from the Government of India for research training facilities in the departments of Chemistry, Botany Mathematics and Zoology, Ravenshaw College, Cuttack Chemistry (Rs 30,000) Botany (Rs 20,000), Zoology (Rs 20,000), Mathematics (Rs 5,000)

LABOUR

Average daily number of workers in registered factories 18 088

Names of industries in which minimum wage is fixed Rice Mill, Flour Mill and Dal Mill, Tobacco industry, Road construction building operations and stone breaking or stone crushing, Public Transport

Average monthly earnings of industrial workers in 1953 Rs 51 12 0

Average monthly earnings of workers in each of the more important industries Paper Rs 102 5 0, Glass Rs 49 5 0, Cement Rs 47 2 0, Textiles Rs 75 4 0, Vegetable Oil Rs 33 14 0, Hydrogenerated Rice Rs 27 11 0, Bidi Rs 23 11-0, Motor Transport Rs 64 13 0, Metal Products Rs 73-9 0

Total number of Trade disputes 16

Total number of strikes 5

Total number of workers affected 671

Names of important State laws affecting trade disputes Industrial Disputes Act, 1947, Industrial employment of (Standing orders) Act, 1946

Number of Trade Unions in the State 70

Total membership of trade unions 31,929 (figures relate to 48 unions The rest have not furnished their annual returns) The approximate number for the 70 unions may be taken as 45,000

Number of Labour Welfare Centres 4

Strength of Labour Welfare staff 7

Number of houses built through Industrial Housing Scheme 196

Units of single living room quarters were constructed during the year 1952 53

Under the Industrial Housing Scheme houses worth Rs 8,70,000 were constructed in 1951

HOUSING AUTHORITY

Housing authority - Housing Board

During the year 1952 53 a sum of Rs 5 lakhs was loaned out to Orissa Textile Mills Ltd, Choudwar for construction of houses for labourers employed by the concern

Source from which finance is drawn - Government of India through the State Government

Different classes of houses built and number of each class in urban area and rural area 196 units of single living room quarters were built by Messrs Orissa Textile Mills Ltd. at Choudwar

Cost of building house of each class Total cost Rs 7,54,051 (per unit Rs 3,847 8 0)

Rent charged for each of the classes Rent is chargeable at 2 per cent of the capital cost, subject to the limit of 10 per cent of the wages.

Housing plans for the future A sum of Rs 75 lakhs will be required for construction of houses at various centres in the State to be organised under the direct control of the State in industrial areas where a number of small industries exist and where individual industrialists cannot afford to provide houses for their labour

There are no local authorities in the State as the District Boards and Municipalities have been taken over by the State Government

POWER PROJECTS

Total capacity of Power Stations installed in the State 8,227 K w

Total Effective Capacity 8,127 K w

Total Production during the year 1952 53 in K W H R S (Units) 8 552 millions (approximately from C W P C accounts)

Number of units supplied to Industry 1 47 millions

Number of units supplied for domestic purposes 2 505 millions

Number of units supplied for Miscellaneous 2 103 millions

Total Units sold 6 078 millions (from C W P C accounts)

Names of Power Stations now in operation and their installed capacity

(A) *Diesel Stations* Balangir 214 K w, Balasore (Licensee) 370 K w, Baripada 345 K w, Berhampur (Licensee) 961 K w, Bhawanipatna 165 K w, Bhubaneswar 350 K w, Cuttack (Licensee) 877 K w, Deogarh 75 K w, Dhenkanal 34 K W., Jeypore 95 K w, Jharsuguda (Licensee) 226 K w, Keonjhar 88 K w, Nayagarh 46 K w, Puri (Licensee) 427 K w, Sonepur 17 K w, Sundergarh 142 K w, Talcher 50 K w

(B) *Steam Stations*

Cuttack Thermal Scheme (Not available), Choudwar Thermal Station, Choudwar, 3,000 K w, Jobra Thermal Station, Cuttack, 750K w

Total installed capacity 8,227

In addition to the 17 towns above, the following towns are served with electric supply Chatrapur, Gopalpur, Bhubaneswar (Old Town) and Sambalpur

Chief Hydro Electric Schemes under execution in the State

Machkund Hydro Electric Scheme (Koraput) and Hirakud Hydro Electric Scheme (Sambalpur)

Machkund Scheme

This is a joint scheme for Orissa and Andhra Governments and is located in Koraput District for harnessing Hydro-Electric Power from the Machkund river Work on this scheme was started in 1946 and power with the first stage of execution of the scheme was expected to be available by about the middle of 1955 when one set of 17,250 K w was expected to come into operation and shortly afterwards two further sets of 17,250 K w each The ultimate capacity of Machkund Power House will be 103,500 K W

The cost of the scheme (for Dam and Power Station but excluding Transmission line costs) is Rs 813 56 lakhs initially, rising to 987 lakhs in ten years, the costs and power generated by

the scheme to be shared initially by Andhra and Orissa Governments in the ratio of 70 30 Orissa having the option to have its full share of 50 per cent power output at the end of 99 years

This scheme will serve Koraput and Ganjam districts

The following towns will be served from this Jeypore, Koraput Nowrangpur, Borigumma, Kotpad Ravagada Gunupur, Parlakimedi Berhampur, Chatrapur, Rambha, Aska and Gopalpur

In addition to the various medium size industries now existing like the Sugar Factory at Rayagada Bharat Vegetable Products at Chatrapur etc , it is expected to serve a fairly large ferro manganese plant at Rayagada and also certain chemical industries in Ganjam district in the near future

Hirakud Scheme

This project was started in 1946 and is located at Hirakud near Sambalpur and a dam will be constructed here to utilise the waters of the Mahanadi River for irrigation, production of power and also to control the floods in the river

It is the first of three dams proposed to control and harness the mighty river Mahanadi for the development of the entire region

The first stage of execution of the project is expected to be completed by 1956 when 2 sets of 24 000 k w each and 2 sets of 37 500 k w each are expected to come into operation with an installed capacity of 123 M W and 89 3 M W of Firm Power

The Power House at the dam when completed could generate about 73 M W of power at 100 per cent load factor even in a bad year

In addition, the water passing through the turbines in the power house at the dam will be used in a power house lower down where an additional 50 000 k w of power is expected to be generated The water will then be discharged into the river and will be picked up by a weir at Naraj to be utilised for irrigation in the Delta

The power from the Hirakud Scheme will be utilised in the following districts northern portion of the State namely Sambalpur Sundargarh, Keonjhar Mayurbhanj Dhenkanal, Cuttack Puri, Bolangir and Kalahandi

In addition to a large number of medium sized industries like textile mills collieries paper mills, rolling mills etc the scheme is expected to serve 3 major industries, *viz* aluminium ferro manganese and steel

It will also be utilised for giving power not only to the various towns but also to rural areas for which purpose a large system of 33 and 11 K V lines are being constructed, and power will be utilised not only for domestic lighting but for small industries and for pumping of water for irrigation

Choudwar Thermal Station

The installed capacity in the Steam Station at Choudwar is being increased to 5 000 by installing one 2,000 Kw set For utilising the power from this station lines are being constructed to Puri Dhenkanal, Kendrapara and Jagatsingpur and it is expected that a large number of villages as well as small towns will be supplied from this station The present capacity of this Station at present including the 2 000 Kw set now under erection is 5 000 Kw and it is possible that a further set of 2 000 k w capacity will be installed here

Power projects planned but not executed A further 2 000 K w set at Choudwar The Lower Power House at Hirakud with an installed capacity of approximately 50 000 K w

IRRIGATION

Total area irrigated 1,925,780 acres

Area irrigated by Government irrigation works 17,000 acres by Canal System

The main irrigation works of the State are the Canal systems as below —(1) The Mahanadi River System (North Orissa Canals) (2) The Baitarani River System (North Orissa Canals) (3) The Rusikulya River System augmented by Rusulkunda and Suruda reservoirs (Ganjam Canal System)

Irrigation projects in execution 951 irrigation projects under execution, undertaken by Government

CIVIL SUPPLIES

Names of rationed articles quantum of each per adult per week in ounces

There is no statutory rationing in Orissa so far as rice is concerned Rice from Government procured stock is supplied in urban deficit and distressed rural areas to needy consumers As per Government of India's Instruction the quantum per adult per week is 84 oz and for heavy manual workers 112 oz

Cloth 10 yd per adult per year

Yarn Equitable distribution according to availability

Monthly requirement of State according to quota Rice, 2 500 tons (average) Wheat According to the deficit declared for 1952 1953 the average monthly quota comes to 833 tons Cloth 5 000 bales Yarn 8,760 bales Coal 6 480 tons Salt 2 20 000 mds Kerosene 7 ,000 tons Sugar 1,300 tons

Degree of control in the State

Rice & Paddy —Movement of foodgrains (Rice & Paddy) to places outside the State has been restricted Producers prices of rice/paddy have also been statutorily fixed Besides procurement of rice/paddy in Orissa is a State monopoly

Wheat is imported on Government account and released to the consumers through approved wholesalers and retailers Degree of control is as indicated in the Orissa Foodgrains Control Order 1951

Cloth —Full control over certain varieties and partial control over certain other varieties

Yarn —Full control over price and distribution

Coal —Control over distribution and price only

Controlled articles Rice paddy sugar wheat cloth yarn and coal The Government have fixed the prices of these articles

Articles in which the State is surplus and the actual surplus

Rice —1 67 000 tons declared surplus for 1952 1953 Kharif year

Articles in which State is deficit and the actual deficit

Sugar 1,300 tons, Wheat 10 000 tons during 1952 53 Cloth 48 000 bales Yarn 36 000 bales Kerosene 900 000 tons, Coal 77,760 tons, Salt 10 00 000 md

Import quotas of these articles

Wheat During the year 1952 1953 7,700 tons of wheat and flour were allotted by Government of India

Cloth 7 200 bales exclusive of free sale cloth

Yarn 23 000 bales, price varying from Rs 10 1 0 to Rs 24 10 0 per bundle of 10 lb according to counts

Amount of rice procured during the year

Rice —310,200 tons procured in 1952 1953 Kharif year

Procurement of millets not undertaken

System of procurement

The State Government have been following a system of monopoly procurement in regard to rice and paddy According to this system Purchasing Agents have been appointed in each of the districts in the State to procure rice/paddy for export and to feed deficit and distressed areas The system adopted was purely a voluntary one

Towns in which there is rationing and their population Cuttack (102,505), Kendrapara, (1 787) Baripada (20 711), Puri (49 057), Khurda, (8 500) Jatni (14 949) Bhubaneswar (17 000) Phulbani Boudh Udayagiri and Balliguda, (50 000), Berhampur (62 343), Balangir, (990) Jeypur (20,352) Gunupur (9 492) Rayagada (8 136) Sambalpur (23 525) Bharuguda (13 825) Bargarh (8,991), Dhenkanal (23 750) Balasore (22 851)

Total rationed population about 500 000

TRADE

Articles exported 2 62 300 tons of rice in 1952 1953 Kharif year

Articles imported and quantity of each Wheat 6 740 tons flour 960 tons Cloth 7 200 bales, Yarn 2 300 bales Coal 21 674 tons Kerosene 7 94 504 tins, Salt & Drugs and Yarn Rs 1 52 98 50

ADMINISTRATIVE PERSONNEL

GOVERNOR

P S Kumaraswami Raja

PERSONAL STAFF

Secretary to Governor S C Palit I A S

Assistant Secretary to Governor P N Samaddar

Aide de camp S Senapati O I

COUNCIL OF MINISTERS

Chief Minister in charge of Cabinet Home, Works River Valley Development Relief and Rehabilitation and Public Relations Nabakrushna Choudhuri, *Finance and Education* Radhanath Rath *Law Development and Health*, Dinabandhu Sahu *Revenue Excise and Supply*, Sadashiva Tripathy *Industries and Transport* Kishore Chandra Deo Bhanj *Tribal and Rural Welfare, Labour and Commerce*, Sonaram Soren

DEPUTY MINISTERS

Home, Nilamani Routray *Health* Shrimati Basanta Manjari Devi *Works* Bhairab Chandra Mohanty *Transport and Forest*, Irtha basi Pradhan *Supply and Agriculture*, Krupanidhi Naik *Local Self Government Co operation and Fisheries* Santanu Kumar Das, *Public Relations, Relief and Rehabilitation and Animal Husbandry* Anup Singh Deo

SECRETARIES

CABINET DEPARTMENT

Chief Secretary and Secretary, Cabinet Department, B Mukerjee, I C S

Joint Secretary J Mohapatra, I A S (*ex officio Director of Community Projects*)

Joint Secretary, J A Dave, I A S (*also Secretary to the Chief Minister*)

HOME DEPARTMENT

Secretary A K Barren, I A S

Deputy Secretary, K Ramamurthy I A S

Deputy Secretary, M Ahmed, M A (*also Chief Electoral Officer*)

FINANCE DEPARTMENT

Secretary, P K Tripathi, I A S

Joint Secretary, S Nanda, I A S

Deputy Secretary, D Das, M A, B L

REVENUE AND EXCISE DEPARTMENT

Secretary N Senapati, ICS *(ex officio President Board of Revenue)*

Additional Secretary, B Sivaraman, ICS *(ex officio Member, Board of Revenue)*

Additional Secretary V Ramanathan, ICS *(ex officio Member Board of Revenue)*

Deputy Secretary R P Padhi, IAS *(ex officio Secretary, Board of Revenue)*

Deputy Secretary S N Mishra MA *(ex officio)*

Deputy Secretary, K K Samal MSc *(ex officio)*

DEVELOPMENT DEPARTMENT

Secretary B S Mohanti IAS

Joint Secretary M Ramakrishnava IAS

Deputy Secretary, A I Nair, IAS

LAW DEPARTMENT

Secretary, B C Das, Bar at Law

EDUCATION AND HEALTH DEPARTMENT

Secretary, R Sharangi, IAS

WORKS DEPARTMENT

Secretary G C L Jouija IAS

Additional Secretary, N Mohanti BA *(ex officio)*

INDUSTRIES, RIVER VALLEY DEVELOPMENT COMMERCIAL AND LABOUR

Secretary, Dr H B Mohanty, MSc, PhD (Cantab)

Deputy Secretary, Dr N Dutta Majumdar, MA, PhD, IAS

SUPPLY DEPARTMENT

Secretary P N Mohanti IAS

RELIEF AND REHABILITATION DEPARTMENT

Secretary, S N Pujari BA

TRIBAL AND RURAL WELFARE AND PUBLIC RELATIONS DEPARTMENT

Secretary, C Misra BA *(ex officio Director of Tribal, Rural Welfare and Public Relations)*

Accountant General S Venkataraman

Director of Forests B P Basu IFS

Chief Engineer, Public Works C M Bennett, FSI

Chief Engineer, Electricity R L Narayanan BSc (Hons) (Lond) BE, MIE (Lond)

Chief Inspector of Factories and Labour Commissioner, S Padhi, BSc (Eng) IME

Director of Agriculture and Food Production, V S Tilak IAS

Director of Animal Husbandry and Veterinary Services Sardar G B Singh, BA MRCVS

Director of Public Instruction Dr B Prasad, DSc (Lond)

Controller of Supplies, P N Mohanti IAS

Superintendent of Government Press, Md S H Khan MA, RSA, ARPS

Director of Industries G N Mitra MSc *(officiating)*

Director of Health and Inspector General of Prisons, Lt Col P Paptola, BA MBBS FRCS DPH

Director of Public Relations, C Misra BA

Inspector General of Police, B Roy IP

Registrar of Co operative Societies, S K Bose IAS

HIGH COURT

Mr Justice Jagannath, Pamgrahi, MA, BL, *Chief Justice*

Mr Justice R L Narasingham ICS, *Puisne Judge*

Mr Justice Souri Prasad Mohapatra, MA, BL, *Puisne Judge*

Mr Justice Jagannath Mohanty MA BL, *Puisne Judge*

R P Mishra BL, *Registrar*

Abhimanyu Misra *Deputy Registrar*

Pothapragada Venkateswarulu, BA BL *Assistant Registrar*

Dibyasingh Mohanty BA BL *Stamp Reporter and Commissioner for Oaths and Affidavits*

Anath Bandhu Ray MA BL, *Law Reporter*

PUBLIC SERVICE COMMISSION

President, S N Mohapatra IAS

Member P S Sunderam BA (Oxon)

Member, H P Deb

Secretary, U Das BA DPEd

ESTIMATED BUDGET FOR 1953 54

Receipts Rs 1356 89 lakhs

Expenditure Rs 1445 67 lakhs

Deficit Rs 88 78 lakhs

ASSOCIATIONS

The Berhampur Chamber of Commerce (Orissa) —The Berhampur Chamber of Commerce was established soon after the formation of the State of Orissa It is registered under the Indian Companies Act and is recognised by the Government of Orissa It maintains a library and an information service, arranges commercial arbitration and makes commercial opinion available to Government It has nearly 60 members on its roll

President —P Narayana Rao BA BL, *Vice-President* —The Agent of Messrs Haji Jamal Nur Mohamad, *Hon Secretary* —I Rama Murty *Address* —Berhampur, Ganjam Dist

Cuttack Chamber of Commerce—Railway Dockyard Chauliganj Cuttack Secretary Ananda Chandra Das

Orissa Chamber of Commerce Nayasarak, Cuttack 2 Secretary B K Sanyal

*

PUNJAB

Area 37,378 square miles

Population (1951 census) 12,641 205 (males 6,786,934, females 5 854,271)

Population by religion* Hindus 8 176,430, Sikhs 3,831,983 Jains 37,518 Buddhists 1,441, Zoroastrians 77, Muslims 229,080, Christians 95,293, Jews 170 other non tribals 631

Capital Chandigarh

Districts Ambala Amritsar Ferozepore, Gurgaon, Gurdaspur, Hissar, Hoshiarpur Jullundur, Kangra, Karnal, Ludhiana, Rohtak and Simla

The population District wise is as follows – Hissar 1,045,645, Rohtak 1 122,046, Gurgaon 967,664, Karnal 1 079,379 Ambala 943,734 Simla 46,150, Kangra 936,042, Hoshiarpur 1,091,986, Jullundar 1 055,600, Ludhiana 808,105, Ferozepur 1,326,520, Amritsar 1 367,040, Gurdaspur 851,294 The highest number of displaced persons is in Ferozepore (370,934) and the lowest in Kangra (19,770)

Languages spoken Punjabi and Western Hindi

AGRICULTURE

Area and Productions of Principal Crops of the Punjab, 1951 52

Food crops Wheat (3 207,000 acres 1,175,000 tons) Gram (1 861,000 acres, 449 000 tons), Barley (546,000 acres, 135,000 tons), Rice (unhusked) (526,000 acres 171 000 tons), Maize (727,000 acres 267,000 tons), Bajra (1,826,000 acres, 77,000 tons), Jowar (588,000 acres, 49,000 tons)

Total 9,281,000 acres, 2,323,000 tons

Cash Crops Sesamum (Til) (64 000 acres 6,000 tons), Groundnut (99,000 acres, 26,000 tons), Toria (85,000 acres, 21,000 tons), Rape and Mustard (589,000 acres, 64,000 tons), Linseed (4,000 acres, 27,000 tons), Cotton (518,000 acres, 130,000 tons), Sugarcane (Gur) (388,000 acres, 454,000 tons), Tobacco (6,000 acres, 2,000 tons)

Classification of land in the Punjab, 1951 52

Total area of the State 23,179,000 acres

Total area of crops sown 13,706,000 acres (Dry 8,086,000 acres, Wet 5,620 000 acres)

Area under food Crops 9,901,000 acres, area under cash Crops, 1,897,000 acres, area under fodder Crops, 1,908,000 acres, Area cultivated twice 2,023,000 acres, area possibly available for further cultivation through reclamation measures 2,201,000 acres

FRUITS AND VEGETABLES

The total area under potatoes is about 11,300 acres, and under other vegetables about 75,000 acres

The production of potatoes is about 36,000 tons

The total area under fruit is about 43 500 acres

The plains produce fruit like mango, litchi, malta, orange, sangtara, kaghzi lime, sweet lime, guava, peach, plum, pear In the hilly tracts are produced apple, pear, persimmon, cherry, walnut

The total quantity of fruit produced is about 75,000 tons, the value of which would be about Rs 3,05,23,680

LAND TENURE

Land Tenure System in the State

With the passing of the Punjab Occupancy Tenants (Vesting of Proprietary Rights) Act, 1952, there are now no occupancy tenants except on evacuee lands They have become proprietors from 15th June, 1952 on payment of compensation to landlords

Consequent upon the enforcement of the Punjab Security of Land Tenures Act, 1953, which came into force on the 15th April, 1953, tenants have been divided into the following two classes Tenants of landowners owning land above the permissible area, and tenants of landowners owning land below the permissible area

The permissible area has been fixed at 30 standard acres or 60 ordinary acres in case of locals, and in case of displaced persons 50 standard acres or 100 ordinary acres for those who have been allotted 50 standard acres or more in lieu of land left in West Punjab, but to the extent of land allotted in case it is less than 50 standard acres and more than 30 standard acres, but if allotted less than 30 standard acres then up to 30 standard acres including any land which such displaced person has in East Punjab

The tenants of the former category have security of tenure for a period of 10 years from the date of the commencement of the tenancy or the date of the enforcement of the aforesaid Act whichever is later The tenants of latter category are liable to ejectment after the 30th April, 1954 up to which date no tenant is liable to ejectment

Names of laws governing each of these Land Tenure Systems The Punjab Occupancy Tenants (Vesting of Proprietary Rights) Act, 1952, The Punjab Security of Land Tenures Act, 1953

Names of Tenancy Acts in force at present The Punjab Occupancy Tenants (Vesting of Proprietary Rights) Act, 1952, The Punjab Abolition of Ala Malikiyat and Talukdari Rights Act, 1952 The Punjab Security of Land Tenures Act, 1953, The Punjab Tenancy Act, 1887

Names of laws passed for expropriating non proprietary rentier class (Zamindari, Jagirdari Abolition) Jagirdari or Zamindari in the Punjab existed in the form of Ala Maliks and landlords of occupancy tenants which have since been extinguished by the Punjab Occupancy Tenants (Vesting of Proprietary Acts) Act 1952 and the Punjab Abolition of Ala Malikiyat and Talukdari Rights Act 1952

Area of land which will be released in consequence No area will be released as the Adna Maliks and occupancy tenants instead have been given proprietary rights of such lands

CIVIL SUPPLIES

Names of rationed articles, quantum of each per adult per week in ounces

The only commodity statutorily rationed is Rice It is issued at the rate of 42/7 ounces per adult per week to rice eaters/others (Wheat/atta ceased to be rationed article with effect from the 27th April 1953)

Monthly requirement of State according to the quota

2,000 tons of rice a month or 28,000 tons per annum (including a carry over of 4,000 tons for two months)

Degree of control in the State

Procurement of rice is done under the Monopoly Procurement Scheme by which all arrivals of paddy markets are taken over by Government or their authorised agents After dehusking, these stocks are delivered to Government for distribution through controlled channels and for exports to other States

In urban areas, it is a statutorily rationed commodity and is distributed at the usual scales

In rural areas, its distribution is regulated under the East Punjab Distribution of Rice Order, 1948

There is complete control over the price and movement of rice within the State Its export outside the State is regulated through permits, which are issued against quotas fixed under the Basic Plan by the Government of India

Quantity of wheat, rice and millets procured during the year

Wheat (1953 54 rabi crop year) upto 26th September 1953 23,716 tons (out of this, 3,918 tons were purchased under Monopoly Procurement Scheme and the balance quantity procured under Share System) plus 5,669 tons seeds

Rice (1952 53 Kharif crop year) 90,473

Millets were not purchased during 1952 53

System of Procurement At present rice is procured under Rice Monopoly Procurement Scheme Wheat is purchased under the East Punjab Foodgrains Procurement (Share System) Order 1948, under which a certain percentage of daily arrivals at selected mandis is taken over by the Government at Market rates All Foodgrains (except rice which is under monopoly) can be purchased by Government under this system but at present the purchases are confined to wheat only

Population of rationed towns 1,273,880

Name of rationed towns Simla, Ambala, Jagadhari Karnal Panipat, Ludhiana, Jullundur, Ferozepur, Amritsar, Batala, Gurdaspur and Pathankot

Food subsidy Foodgrains are not supplied at subsidized rates The issue rates however, are worked out on no profit no loss basis

Controlled articles Rice Salt where the District Magistrate exercises control over its price, Sugar where releases from factories are controlled by the Government of India so as to ensure regularity of supplies to the market and prevent shortages 25 per cent of the production of sugar factories is treated as a reserve stock from which the Government of India has the right to release sugar at the controlled price of Rs 27 per maund

Annual requirement of salt 24 lakh maunds

Import quotas for 1953 1,860,000 maunds for human and cattle consumption and 300,000 maunds for industries

Monthly requirements of cotton yarn as assessed during March 1951 6,500 bales

Quota of sugar In the pre control period, the State used to be allotted a quota of 6,000 tons per month which was subsequently increased to 6,250 tons per month

Self sufficiency regarding the following articles

Wheat During 1953 54 the State expected to be just self sufficient

Millets The internal production is normally sufficient to meet the needs of the State and therefore these are not imported from outside, except for seed purposes in years of lean internal productions

Kerosene. As there is no internal production in the State, it is imported entirely from outside

Salt has to be imported from outside besides the production in the plains stations

Cotton Cloth As production within the State is very small, most of the cotton cloth required is imported from outside

* Persons whose enumeration records were destroyed by fire—268,602

PLANTATIONS

Plantations are scattered over Ludhiana, Amritsar, Ambala and Karnal Districts

Area of Plantations on 31st March 1953 16,410 acres

The plantations are yet in formation stage

FORESTS

Total forest area as on 31st March 1953 3,265,110 acres

The forests are located in Kangra, Hoshiarpur, Amritsar, Gurdaspur, Ambala, Gurgaon, Hissar, Rohtak, Karnal, Ludhiana, Jullundur and Ferozepore Districts

Main types of forests

(*a*) Conifers —(*i*) Merchantable, (*ii*) unprofitable or inaccessible

(*b*) Broad leaved —(*i*) Merchantable, (*ii*) unprofitable or inaccessible

(*c*) Scrub

(*d*) Irrigated plantations

(*e*) Waste

Total revenue during 1952 53 Rs 49 18 lakhs

Total expenditure during 1952 53 Rs 47 11 lakhs

Main forest products and their value

Timber Cu ft solid in thousands	Value Rs in lakhs	Firewood Cu ft solid in thousands	Value Rs in lakhs	Other minor produce, *viz* resin, grass, etc Value in lakhs of rupees
3,758	21 43 (*a*)	12 165	10 06 (*b*)	33 59 (*c*)

(*a*) Includes Rs 3 07 lakhs
(*b*) ,, ,, 7 66 ,,
(*c*) ,, ,, 10 54 ,,
} On account of produce removed by right holders and free grantees

Area afforested during the year 10,714 50 acres

COTTAGE INDUSTRIES

Main cottage and small scale industries in the State showing the number of workers engaged and the value of annual production within brackets Handloom weaving (71,815, Rs 17,88,44,800), Hosiery (21,931, Rs 2 07,32 635), Niwar and Rohtak Tape making (80 Rs 95,000), Ban and Rope making (2,834 Rs 7,18,000) Duree weaving (2,341, Rs 23,00,000), General Engineering (12,128 Rs 2,20,72,450), Surgical instruments (401 Rs 4,62,500), Cycle parts (6,158, Rs 16 04,239), Hand sieves (45, Rs 2,68,012), Conduit pipes (68, Rs 1,60,000), Utensil making (4,555 Rs 1,28,50 000), Non ferrous metals (225 Rs 26,40 000), Rubber goods (60, Rs 131,000), Rubber insulated cable wires (13, Rs 78,000), Resin (510, Rs 56,50,000), Oil crushing (2,066 Rs 91,35,000), Soap making (3,262, Rs 43,88,000), Toilet Soap making (9, Rs 98,000) Ice making (19, Rs 54 000), Plastics (534, Rs 3,36,000), Brush ware (17, Rs 63,000), Saltpetre refining (2,534, Rs 29,02 483), Black salt manufacturing (100, Rs 2,00,000), Sports goods (1,970 Rs 16,00,000), Shoes and leather goods (7,570, Rs 57,40,000), Leather tanning (10,042, Rs 52,92,500), Glue (32, Rs 1,26,000), Gut making (12, Rs 1 00,000), Wood working (3,687, Rs 37,50,000), Ivory goods (150, Rs 1,00,000), Ivory inlaid goods (118, Rs 40,000), Basket making (1,944, Rs 3,75,500), Sirki and Moorah making (290, Rs 1,59,500), Bamboo chick making (82, Rs 40,000), Kikar bark grinding (214, Rs 4,80,000), Chemicals (574, Rs 1,02,00,000), Snuff (55, Rs 12,25,000), Scientific instruments (1,398, Rs 25,00,000), Glass and Dom nut buttons (85, Rs 4,00,000), Glass beed (40, Rs. 3,50,000), Optical goods (16, Rs 72,000), Slate (90, Rs 1,50,000), Cement (200, Rs 50,000), Store dressing (300, Rs 1,00,000), Breakfast and food (218 Rs 1,61,621), Fruit preservation (3, Rs 6,000) Sericulture (200, Rs 1,28,000)

MINERALS

Chief Minerals produced in the State There are no regular mines in this State except slate and stone quarries

Location. The quarries are located at Khuna yars, Bhagsunath, Narwana, Yol in the Kangra District and Kund in the Gurgaon District

Quantity and value (1952) 10,659 tons, Rs 4,76,659

50 workers are working in each quarry at Bhagsunath and Narwana About 100 labourers on an average are employed at Yol quarry by Messrs Narwana Slate Mines On an average 120 persons are employed by Kangra Valley Slate Co, Kund in the Gurgaon District

LABOUR

Average daily number of workers in registered factories 52 822

Names of industries in which a minimum wage is fixed

Woollen Carpet making or Shawl weaving Establishments, Rice mill, flour mill or dal mill, Tea plantations, Oil Mills, Inferior employees under local authorities, Road construction or building operations, Stone breaking or stone crushing, Public Motor Transport, Tanneries and leather manufactory, Agriculture

Working class cost of Living Index for December 1952 with 1931 35 as base

December 1952, Food articles 520, Fuel and lighting 408, Clothing 480, House rent 400, Miscellaneous 682, General index 513

The items of expenditure included in the statement have been given relative weightage proportionate to total expenditure These items account for 75 per cent of the total expenditure of working class The remaining 25 per cent represents expenditure on education, interest, debt, marriage, travelling, religious ceremonies, etc

Average monthly earnings at present Rs 65 8 0

Total number of trade disputes for the year 1952 57

Number of workers affected 5,782

Number of strikes 57

Number of workers affected 5,782

Number of man days lost 95,842

Number of trade unions in the State 142

Total membership of trade unions 12,250 (for 70 Unions only)

Number of Labour Welfare centres in the State 7

Strength of Labour Welfare staff 22

PUBLIC TRANSPORT

The total number of routes operated at present is 12 in Jullundur Omnibus Service, 25 in Amritsar Omnibus Service, and 26 in Ambala Roadways The total mileage covered by these nationalized services upto the end of October, 1953 from the time of their commencement was 2,86,12,220 and the passengers carried number 7,79,09,223

On a capital investment of about Rs 60 lakhs, the net profits aggregate over Rs 24 lakhs, after meeting the working expenses, interest on capital, leave and pension contribution, audit fee etc and after providing for Depreciation and Motor Transport (Insurance) Reserve Funds

The total amount to the credit of the Government Transport Services in the Reserve Fund at the end of the financial year 1952 53 was Rs 17,73,379

CO-OPERATION

As on 30th June 1952

Total number of Co-operative Societies 14,820

Total membership of Co operative Societies 7,98,978

Total working capital Rs 12,99,41,866

Types of Societies and their number Multi purpose Co operative Societies 369, Co operative Farming Societies 227, Co operative Farming 40, Better Farming 187, Milk Dairy Societies 7, Consumers' Co operative Societies (Store and Supply Societies) 108, Agricultural Credit Societies 7,706, Non Agricultural Credit Societies 557, Consolidation of Holdings Societies 1,336, Housing Societies 17

Co-operative Banks

Number of Central and District Co operative Banks 23

Number of Provincial Co-operative Banks 1

Working Capital Rs 61,31,932, Deposits Rs 39,91,030 Paid up share capital Rs 1,78,400, Reserve and other Funds Rs 2,025

PUBLIC HEALTH

Names of Diseases with mortality during 1952 within brackets Pneumonia (12,876), Phthisis (2,983) Malaria (2,580), Enteric Fever (2,380), Diarrhoea (2,087), Dysentery (2,048)

Number of allopathic Hospitals and Dispensaries Urban Hospitals 108, Rural Hospitals 10 Urban Dispensaries 115, Rural Dispensaries 358

Total number of beds in allopathic Hospitals and Dispensaries 6,448

Number of Ayurvedic and Unani rural Dispensaries 20

Number of Special Hospitals with the number of beds in each within brackets Tuberculosis 2 (188), Dental Diseases 1, Eye Diseases 2 (470), Leprosy 3 (442), Mental Diseases 1 (500)

Total number of Ayurvedic and Unani Doctors 17,872, Nurses 1,186, Dais 2,730, Compounders 2,491

Number of in patients treated in the Hospitals and Dispensaries of the Punjab during the year 1952 1 81,431

Number of out patients treated in the Hospitals and Dispensaries of the Punjab during the year 1952 57 27 617

Number of Government Hospitals and Dispensaries Hospitals 63 Dispensaries 145

Total number of doctors (allopaths) in Government service 566

Total number of doctors (Ayurvedic and Unani) in Government service 20 Nurses 117 Compounders 316 (excluding 20 in Ayurvedic and Unani Dispensaries)

Total number of Medical colleges (allopathic) 2

Number of students in Medical colleges (allopathic) 1 30

Total number of medical officers on the preventive side of the department 20

Budget allotment to the Public Health Department for the year 1952 53 Rs 21 21 340

EDUCATION

Information given below is for 1951 52

Pre primary Education Number of separate nursery schools 1, total enrolment 30, total number of teachers 2

Number of nursery schools and nursery classes in Urban areas 1

Total expenditure on nursery schools and nursery classes Rs 4 599 Contribution by State Government Rs 4,599

Number of nursery schools owned by State Government 1

Elementary Education Total number of elementary schools 4 591 Total enrolment 231,792, Total number of teachers 10 509

Total expenditure (Direct) for the year on elementary education Rs 10 668 896

Contribution by —

State Government	Rs	59,36,109
Local Authorities		38,98 423
Private Agencies etc	,	6 87 078
Fees		1 47,286

Number of Elementary Schools owned by —

State Government	22
Local Authorities	4 216
Private Agencies	352

Secondary Education Total number of secondary schools 1 360 (owned by State Government 78 by local authorities 910, by private agencies 372)

Total enrolment 4 40 305, Total number of teachers 13 046

Total expenditure (Direct) for the year on secondary education Rs 2,14,59 128

Contribution by —

State Government	Rs	71,55 874
Local Authorities	,,	27,28 936
Private Agencies etc	,,	19,37 840
Fees	,	96 36 478

Anglo Indian Education etc Number of European and Anglo Indian Schools 7, Total enrolment 1,100, Government grant Rs 91 510

Arts and Science Colleges Total number of Arts and Science Colleges 45 Total number of Women's Arts Colleges 5 Total enrolment 22 292 Total number of Professors and Lecturers 1 100

Total expenditure (Direct) for the year on arts and science colleges Rs 53 40,691

Contribution by —

State Govt	Rs	11,13 801
Local Authority	,	22 320
Private Agencies, etc	,	10 75,516
Fees	,,	31,29,054

Professional Colleges Total number of Professional Colleges 9, Engineering 1 Veterinary 1, Education 3 Commerce 1, Medicine 1, Agriculture 1, Law 1

Total enrolment 1,866 (Engineering 165 Veterinary 93 Education 328 Medicine 602 Commerce 91, Agriculture 203 Law 384)

Total number of Professors and Lecturers 155

Total expenditure (Direct) on Professional Education (Colleges) Rs 1 55 077

Contribution by

State Government	Rs	11 28 008
Private Agencies		94 349
Fees		3 32,720

Number of Colleges owned by State Government 16 by local authorities 1 by private agencies 39

Teachers Training

Total number of Teachers Training Institutions 9 (owned by State Government 6 by private agencies 3)

Number of training institutions which confer degree 2

Number of teachers on staff of training schools 7,

Number of students at Degree institutions 318

Number of students at Diploma institutions 1 412

Total expenditure on teachers training institutions (Direct) Rs 393 640

Contribution by —

State Govt	Rs	3 01 815
Private Agencies, etc		7 487
Fees		84 338

Commercial and Technical Education (Schools)

Number of technical institutions 3 (owned by State Government 26 by private agencies 9)

Total enrolment 2 521
Number of Instructors 258
Total expenditure (Direct) Rs 11,20,888

Contribution by —

State Govt	Rs	10 11 612
Local authority	,	1 700
Private Agencies, etc		65,030
Fees		42 546

Education of the Handicapped

Total number of schools for defectives 1
Total enrolment 55
Number of teachers 12
Number of schools for blind 1
Enrolment 55
Number of teachers 12

Government grant to school for blind Rs 6 800

SOCIAL EDUCATION

Established institutions, devoted to Social (Adult) Education 132

Number of teachers 133

Total number of adults educated during 1951 52 3,657

Total expenditure Rs 1,82,731

Contribution from —

State Govt	Rs	1,55,062
Local authorities	,	3,343
Private charity	,,	4,326

Compulsory Education

Elementary Education is compulsory in certain areas of the State

Areas in State and age groups for which elementary education is free and compulsory Age group 6 11, 37 Urban Areas and 1,298 Rural Areas

Place of Language in the education system The question of allowing examinees in the Matriculation examination to answer papers in Hindi, Urdu and Punjabi is receiving attention

Wardha Basic Education Scheme

When started 1950 51
Number of schools 41
Number of students 3,912

Training centres for Basic teachers Three training schools

Name of the public examination at end of school career Matriculation

Name of the University conducting it Punjab University Solan

Social Education was adopted in this State under a directive of the Government of India in 1949 A Social Education Officer was appointed in 1949 and an assistant in 1950 to run the scheme Four Social Education Training Camps for teachers and volunteers were organised and 134 social centres including 28 for women were started under the Education Department A Social Education Sub Committee of the Provincial Advisory Board of Education drew up a detailed programme for pamphlets literature charts and films required for the purpose The scheme comprised besides the 3 Rs Health and Hygiene Geography Agriculture Everyday science and Civics and for women, needle work laundry cooking and handwork

The total number of centres at the end of 1950 was 163 (141 for men and 22 for women) This number is very inadequate The target is 500 centres for the whole State (250 for men and 250 for women) A large number of teachers in secondary schools the authorities of the Jails and the East Punjab Railway voluntarily carried on Social Education work in their areas

A Social Education Officer assisted by Social Education Supervisors one for each division has been in charge of the Social Education work

Social education centres have been provided with radio sets petromax lamps durries black board chowkis reading and writing material and library books

Centres for women are being developed into work centres Handicrafts like making of Azarbands and Newar weaving Phulkari and needle work and spinning are taught in these centres In centres for men crafts like mat making, bamboo craft rope making and bee keeping are being taught according to local traditions and the material available

Literacy tests given at varying intervals of 3 to 6 months according as the centres have pupils ready for the test are as follows Vidya Mandal (Literacy and library activity) Charcha Mandal (for discussion of news and views) Sankirtan Mandal (Kathas recreational activities with the help of Radios), Sewa Mandal (for training people in medical relief and first aid) Khel Mandal (for sports and games)

Budget for 1950 51 for Social Education Rs 1 75 000 Voluntary organisations engaged in Social Education work are also subsidized by the State Government under this scheme

PUNJAB UNIVERSITY

Solan (Simla Hills)

VICE CHANCELLOR

Dewan Anand Kumar, M A (Cantab)

REGISTRAR

Dr Bhupal Singh, M A, D Litt

This is an Affiliating, Teaching and Examining University

Subjects where provision exists for post graduate and research English, Economics, Zoology, Physics, Chemistry History, Botany, Mathematics, Hindi and Sanskrit

Number of colleges affiliated 70

Total number of students as on 31st March 1962 Affiliated Colleges 25,918 University Teaching Departments 720

LIST OF COLLEGES

Punjab University Camp College New Delhi
Punjab University College, Hoshiarpur
Punjab University College of Commerce Jullundur City
Punjab University Law College Jullundur City
Ahir College, Rewari
A I J H M College Rohtak
Arya College Ludhiana
A S College Kalamajra Khanna
Baring Christian College Batala
Bikram College of Commerce Faridkot
B M College, Simla
Brijindra College Faridkot
Chottu Ram Arya College, Sonepat
D A V College Ambala City
D A V College Hoshiarpur
D A V College Jullundur City
Dayal Singh College Hissar
D C Jain College Ferozepore City
Dev Samaj College for Women Ferozepore City
D M College Moga
Doaba College Jullundur
Dronacharya S D College Gurgaon
G H G Khalsa College Gurusar Sadhar
G M N College Ambala Cantt
Govt Agricultural College Ludhiana
Govt College Dharamsala
Govt College for Women Amritsar
Govt College for Women Ludhiana
Govt College for Teachers Jullundur
Govt College Hissar
Govt College, Ludhiana
Govt College Muktsar
Govt College Rohtak
Govt College Rupar
Govt College Tanda Umar
Govt Intermediate College Bilaspur
Govt Training College for Women Simla
Hindu National College Hariana
Hindu Sabha College Amritsar
Kanya Mahavidyalaya Jullundur
Khalsa College, Amritsar
Khalsa College for Women, Sidhwan Khurd
Lyallpur Khalsa College, Jullundur City
Mahendra College Patiala
Medical College Amritsar
Malerkotla College Malerkotla
M R College Fazilka
Punjab Engineering College, Roorkee
Punjab Veterinary College Hissar
Radha Krishna Arya College Nawanshahar

ADMINISTRATIVE PERSONNEL

GOVERNOR

Chandreshvar Prasad Narain Singh

PERSONAL STAFF

Secretary, R S Talwar
Military Secretary, Major I C Katoch
A D C, Captain D N Chibber

COUNCIL OF MINISTERS

Chief Minister in charge of General Administration (including Publicity), Law and Order (including Jails and Justice), Food and Civil Supplies and Panchayats, Bhim Sen Sachar
Land Revenue Development (Agriculture Forests, Veterinary) and Consolidation of Holdings, Sardar Partap Singh Kairon
Irrigation Electricity and Co operative Societies, Chaudhri Lahri Singh
Finance, Relief and Rehabilitation and Industries, Sardar Ujjal Singh
Education, Health and Transport Jagat Narain
Public Works Department (Buildings and Roads) Capital Project and Local Government Sardar Gurbachan Singh Bajwa
Labour Stationery and Printing Excise and Taxation and Scheduled Castes and Backward Classes Chaudhri Sundar Singh
Chief Parliamentary Secretary Prabodh Chandra M L A

SECRETARIAT

Chief Secretary S Nawab Singh, I C S
Home Secretary and Election Commissioner, S Gyan Singh Kahlon I C S
Health and Local Government Department S R Maini I A S
Finance N N Kashyap I C S
Legislative Department Shamsher Bahadur
Revenue P K Kaul I C S
Development Commissioner M S Randhawa I C S
P W D B & R P I Varma
P W D Irrigation R R Handa
P W D Electricity S S Kumar
Transport Co operative Societies and Civil Supplies R P Kapur I C S
Deputy Secretary Political Kanwar Brahm Nath
Deputy Secretary Finance Badri Nath Chopra
Deputy Secretary Revenue Iswant Singh Uppal
Deputy Secretary Development, Kuldip Singh Narang I A S
Deputy Secretary Capital, B B Vohra I A S

HEADS OF DEPARTMENTS

Chief Conservator of Forests N P Mohan
Commissioner of Labour D N Nigam
Director Food and Civil Supplies, Harkishan Singh Ahuja
Director of Agriculture H R Sahi
Director of Veterinary Services B N Handa
Director of Education Dr Trilochan Singh
Director of Industries Jaswant Singh Basur I A S
Director of Health Services, H B N Swift
Deputy Director of Public Relations Dip Chand Verma
Director Land Records and Registrar of Marriages Deaths and Births, Mian Bhag Singh
Director Consolidation of Holdings, Sapuran Singh
Director Home Defence and Welfare Officer, P L Ohri
Controller of Printing and Stationery K C Kuriyan
Inspector General of Police D C Lal, I P
Inspector General of Prisons, B C Katoch
Registrar of Co operative Societies, D D Kapila
Provincial Transport Controller, R D Badhwar
Excise and Taxation Commissioner, S R Varma, I A S
Officer in Charge, Special Enquiry Agency, Lakhmi Narain Singh
Chairman, Public Service Commission, Vishan Bhagwan
Keeper of Records, Vidya Sagar Suri
Secretary Public Service Commission, D R Dutt

JUDICIAL DEPARTMENT

Mr Justice A N Bhandari I C S	Chief Justice
Mr Justice G D Khosla I C S	Puisne Judge
Mr Justice Harnam Singh	Do
Mr Justice D Falshaw, I C S	Do
Mr Justice J I Kapur	Do
Mr Justice R C Soni	Do
Mr Justice S S Dulat I C S	Do
Ranjit Rai Narang	Registrar
Harcharan Singh Bhandari P C S	Deputy Registrar
Hrath Singh	Asstt Registrar

ASSOCIATIONS

INDIAN CHAMBER OF COMMERCE
116 B Alexandra Road, Ambala Cantt

NORTHERN INDIA CHAMBER OF COMMERCE
(Formerly Indian Chamber of Commerce) Ambala Cantt (East Punjab)

Established in the year 1912 at Lahore (now in West Pakistan) by late Lala Harkishan Lal with a view to provide for an organization to promote watch for and protect Indian Trade, Commerce and Industry to collect and circulate statistics and other information related therewith and to consider legislation and other Government measures affecting trade, commerce and industry The Chamber also makes representations to Government on grievances of the commercial community undertakes arbitration and issues certificates of origin

The activities of the Chamber are spread over all spheres of commercial life of Punjab PEPSU Himachal Pardesh and Delhi States The Chamber is affiliated to the Federation of Indian Chambers of Commerce and Industry and is a member of the International Chamber of Commerce Paris

President, R B Lanki Dass
Vice Presidents S B Sapuran Singh Chawla D D Puri M L A
Hony Secretary Sardar H S Balaaya

PUNJAB & DELHI CHAMBER OF COMMERCE
Scindia House, Curzon Road Post Box No 24, New Delhi 1

Exists for the protection of mercantile interests on the usual lines in the Punjab Delhi and Northern India Membership generally is restricted to Banks, Merchants (wholesale), Railways and proprietors of large industrial interests The Chamber is a member of the Federation of Chambers of Commerce of the British Empire London and the Associated Chambers of Commerce of India Calcutta The Chamber is represented on the Municipal Committee of Delhi as well as various other Committees and Local Government Bodies

Office Bearers C P G Wade New Delhi (*Chairman, Managing Committee*) Bharat Ram New Delhi (*Dy Chairman*) S D Dhir (*Secretary*)

PUNJAB FEDERATION OF INDUSTRIES, AMRITSAR

Established in 1937 with the object of creating a solid body of industrialists of the Punjab and Northern India to promote and protect their interests through organised effort The Federation has now among its members the largest industrial units in the State and no industry of any importance is left unrepresented in the Federation

President —Seth Satya Paul Virmani
Vice President —Puran Chand Sawhney

TEXTILE MANUFACTURERS ASSOCIATION
4, Queen's Road, Amritsar

J. K. Industries

Juggilal Kamlapat Cotton Spg. & Wvg Mills Co. Ltd
Juggilal Kamlapat Jute Mills Co. Ltd
Juggilal Kamlapat Iron & Steel Co. Ltd
J K Cotton Manufacturers Ltd
The Plastic Products Ltd
The Ayurvedic & Unani Medicines Ltd
J. K Woollen Manufacturers Ltd.
The Raymond Woollen Mills Ltd
The New Kaiser-i-Hind Spg & Wvg Co Ltd
Eastern Chemicals Co (India) J K Chemicals Ltd
The Aluminium Corporation of India Ltd
The Snow White Food Product Co Ltd
Reform Flour Mills Ltd
The Howrah Soap Co Ltd
The Straw Products Ltd
Madhya Pradesh Mines Ltd

Allied Concerns

Motilal Padampat Sugar Mills Co Ltd.
J K. Investment Trust Ltd
J K Commercial Corporation Ltd
J K. Traders Ltd
The Free India General Insurance Co Ltd
The Hindustan Commercial Bank Ltd.
J. K Distributors Ltd.
The Impex (India) Ltd
J. K Investors (Bombay) Ltd
J K. (Bombay) Ltd.
J. K. Eastern Industries Ltd.
Juggilal Kamlapat Properties Ltd.
J. K Ltd.
The Vita Supplies Corporation Ltd.
The Bengal & Assam Investors Ltd.
The New India Building & Land Improvement Society Ltd.
The National Insurance Co. Ltd.
The National Fire & General Insurance Co. Ltd.
Juggilal Kamlapat (Agency) Ltd.
J K Hosiery Factory (Calcutta) Ltd
J K. Industries Ltd
J. K. (Bhopal) Ltd.
J. K. (England) Ltd.
Bhopal Oil & Flour Mills Ltd

Directors:

Sir Padampat Singhania, Kt., M. P., Governing Director.

Shri Kailashpat

Shri Lakshmipat

Shri Sohanlal

Al-Haj. S. M. Bashir

Shri Parshottamdas

Shri Kanailal Jatia

Shri Sital Prasad

Shri Kishen Chand Puri

Shri Tej Narain Khaitan

Shri Pyarelal

Shri Hari Shanker

Shri Gopal Krishna

Shri Hemant Pat

Official Addresses:

KANPUR : Kamla Tower, Kanpur.

CALCUTTA : 7, Council House Street, Calcutta.

BOMBAY : J K. Building, Ballard Estate, Bombay.

UTTAR PRADESH

Area 113,409 square miles

Population 63,215,742 (33,098,866 males, 30,116,876 females)

Capital Lucknow

Larger administrative divisions with names of the District Headquarters within brackets Meerut Agra Rohilkhand (Meerut), Allahabad Jhansi Banaras (Allahabad), Lucknow-Faizabad Gorakhpur (Lucknow), Kumaun (Nainital)

Smaller administrative divisions with names of the districts constituting the division Each District is named after the headquarters town

Meerut Division Dehra Dun, Saharanpur, Muzzafarnagar, Meerut, Bulandshahr

Agra Division Aligarh, Mathura, Agra Mainpuri, Etah

Allahabad Division Farukhabad (Fategarh), Etawah, Kanpur, Fatehpur, Allahabad

Rohilkhand Division Bareilly, Bijnor, Budaun, Moradabad, Rampur, Shahjahanpur, Pilibhit

Jhansi Division Jhansi, Jalaun (Orai), Hamirpur, Banda

Banaras Division Banaras, Mirzapur, Jaunpur, Ghazipur, Ballia

Gorakhpur Division Gorakhpur, Deoria, Basti, Azamgarh

Kumaun Division Nainital, Almora, Garhwal (Pawri), Tehri Garhwal (Narendranagar)

Faizabad Division Faizabad, Gonda, Bahraich, Sultanpur, Pratapgarh, Barabanki

Number of Districts 51, Tahsils 225, District Boards 50, Municipalities 119, Notified Areas 38, Panchayats 35,943, Villages 111,722

Strength of the Legislative Council 72, Legislative Assembly 430

Number of members returned from the state to the House of the People 86

Number of members returned to the Council of States 31

Total income of population of State in 1950-51 Rs 1,615 9 crores, total rural income (1950 51) Rs 1,149 9, total urban income (1950 51) Rs 466 0 crores

Per capita income for State (1950 51) Rs 255 7, per capita urban income (1950-51) Rs. 541 9, per capita rural income (1950-51) Rs 210 6

AGRICULTURE

Main food crops Wheat, barley, gram, rice, jowar, bajra and maize

Main cash crops Sugarcane, linseed, rape seed, mustard, groundnut, til and cotton

Total food production: 11,295,753 tons

Production of individual food crops in tons for 1951 52 Rice 1,525,092, Barley 1,484,928, Bajra 778,019, Kodon 240,369, Maize 682,020, Peas 584,129, Potatoes 565,761, Wheat 2,533,069, Jowar 669,198, Mandua 89,156, Sawan 65,482, Gram 1,273,520, Arhar 705,015

Production of individual cash crops in tons for 1951-52 Linseed 17,394, Rapeseed and Mustard 117,350, Groundnut 115,088, Til 21,939, Sugarcane 3,169,211 (in terms of cane), Cotton 10,901, Jute 29,388; Indigo 10, Tobacco 18,205

Area of State in acres 72,278,813

Area cultivated 40,280,120 acres Area of uncultivable land 11,556,599 acres. Area cultivated twice 8,620,566 acres.

Area under dry cultivation 33,622,560 acres (plain portion only) Area under wet cultivation 13,875,108 acres (plain portion only)

Area under food crops 42,532,280 acres Area under cash crops 4,668,132 acres

Area under individual food crops (in acres) Rice 8,627,287, Wheat 8,301,566, Barley 4,661,369, Jowar 2,387,597, Bajra 2,764,033, Mandua 463,246, Kodon 1,094,335, Sawan 481,428, Maize 2,036,153 Gram 5,735,901, Peas 2,096,899, Arhar 1,711,401, Potatoes 223,574, Other fruits and vegetables 397,942 (includes the area of garden and orchards in the hill portion), Other food crops 1,549,549

Area under individual cash crops (in acres) Linseed 112,645 Rapeseed and Mustard 401,957, Groundnut 280,689, Til 252,674, Other oilseeds 52,966 Sugarcane 2,065,042, Cotton 193,328 Hemp 238,459, Jute 80,000, Indigo 1,568, Tobacco 56,412, Opium 32,392

Area possibly available for further cultivation through reclamation measures 82,34,649 acres (plain portion only)

Plantations and their number Fruit trees 948,242, Other trees 371,205

Area of plantations 12 040 acres

Number of stud bulls 4,573

Number of Buffalo bulls 1,047

Number of Rams 292

Number of Horse Stallions 44, Donkey Stallions 4

Number of veterinary experimental stations 4 Laboratories, one in each circle

Number of veterinary hospitals 231

Number of animals that can be accommodated in the hospitals Varies from 1 to 4

Number of surgeons and stockmen 268 and 742

Budget allotment for the Veterinary Department for the year 1953 54 Rs 1,26,14,700

STATE HELP FOR AGRICULTURE

Manures distributed in 1951 52 and their quantities Compost (293,480 tons), Oil cakes (43,654 maunds), Fertilizers Bonemeal (213 62 tons), Superphosphate (285 97 tons), Sulphate of Ammonia (37,347 tons), Chilean Nitrate (20 tons), Potassium Sulphate (1 2 tons), Gypsum (28 tons), D C M Fertilizer Mixture (1,048 8 tons)

Quantity of improved seeds distributed in 1952-53 Kharif (135,563 maunds), Rabi (468,421 maunds)

Number of agricultural implements distributed or loaned in 1951-52 13,309

Number of seed farms during 1952 53 26.

Plant Protection Organisation The staff consists chiefly of the Entomologist to the Government of U P, who is the technical and administrative head and Plant Pathologists in higher ranks

Total expenditure on the Service Varied from Rs 66,000 in the first year to Rs 4,00,000 during 1952 53

Highest revenue on account of the costs of the control measures recovered from the cultivators during 1952-53 Rs 46,335–10–6

Targets set for food crops For 1953-54 Kharif 200,000 maunds, Rabi 810,000 maunds

For 1954 55 Kharif 380,000 maunds, Rabi 972,000 maunds

Rise in production of different crops owing to Grow More Food Campaign 10 to 15 per cent on the average yield due to the use of improved seeds, i.e 468,421 maunds in Rabi and 135,563 maunds in Kharif

Highest yield per acre of different crops for which prizes were offered in competitions —

Name of crop	Highest yield per acre in		
	Mds	Srs	Chs
Wheat	54	0	5½
Paddy	82	15	12
Jowar	28	30	
Bajra	49	10	
Maize	60	20	

Budget grant for the Grow More Food for 1953 54

Reclamation of Usar and eroded land Rs 7,18,500

Bureau of Information and Publicity Rs 47,200

Crop Competition Scheme Rs 1,50,000

Potato Competition Scheme Rs 18,000

Multiplication and distribution of improved seeds Rs 16,77,200

Town Compost Scheme Rs 1,23,000

Plant Protection Scheme Rs 3,38,800

Demonstration on cultivators fields Rs 4,04,600

Seeds and District Farms Rs 5 64 300

CIVIL SUPPLIES

Rationed articles Wheat including pure wheat atta and salt Supplementary quota of imported wheat and Rabi coarse grains at economic cost is also issued in addition to the basic quota of wheat

Number of rationed towns after de rationing in 26 towns 36

Monthly requirement of State according to the quota of foodgrains excluding the quota issued at economic cost 32,630 tons Salt 2 773 M G wagons

Control No statutory control over prices of foodgrains Movement within the State is free State permission is required for movement of foodgrain outside U P

There is no procurement of wheat Procurement of rice only when required by Government of India for other States

No control over sugar except that ex factory price has been fixed for crystal sugar of 1951 52 by the Government of India

Salt Price, distribution and movement control

Articles in which the State is in surplus and the actual surplus Gur and sugar which share over 50 per cent of the export trade of the country Pulses particularly arhar and peas One to two tons are sent out to deficit States

Deficit article and the actual deficit Wheat Varies between 1 5 and 3 lakh tons

Import Quota Wheat 300,000 tons for 1953

Import price Wheat Rs 18 8 0 per maund from January 1 to February 28, 1953 Rs 17 8 0 per maund from March 1, 1953 Salt Different rates for different sources

Procurement of foodgrains during the year 1952 53 Wheat 231,250 tons, Gram 77,678 tons, Barley 42,154 tons, Mixtures 15,592 tons, Rice 37,177 tons, Jowar 8,564 tons Bajra 5,454 tons, Maize 1 ton

Salt is imported through licensed District nominees appointed by the District Magistrates

System of procurement of foodgrains Monopoly system

Food subsidy The Government do not give any food subsidy to maintain the system The loss incurred in running the scheme is met from the State revenues

LAND TENURE

With the vesting of zamindaris, following new legislation, on July 1, 1952 in 47 out of the States 51 districts, estates of nearly 20 lakh zamindars were taken over resulting in direct contact with 12,800,000 Kisans The area of land released is about 6 crore acres

Liquidated zamindars retain such of Sir, Khudkast and groves of which they have become Bhumidhars

The new land tenures under the U P Zamindari Abolition and Land Reforms Act are Bhumidhar, Sirdar, Adhivasi, Asami

The following laws govern the different tenures extant in the State

1 The U P Zamindari Abolition and Land Reforms Act governs the new tenures, 2 The U P Tenancy Act, 1939 governs small pockets where the U P Zamindari Abolition and Land Reforms Act, 1950 does not yet apply such as the urban areas, 3 The U P Land Revenue Act of 1901 as amended from time to time, 4 The U P Bhoodan Yagna Act, 1952, 5 The U P Land Reforms (Supplementary) Act 1952, 6 The U P Commutation of Rent (Regulation of Proceedings) Act, 1952 7 The U P Land Tenures (Regulation of Transfer) Act, 1952, 8 The Jaunsar Bawar Security of Tenure and Land Records Act, 1952, 9 The U P Zamindars Debt Reduction Act, 10 The U P Agricultural Tenants (Acquisition of Privileges) Act, 1949

The main features of the Zamindari Abolition etc Act are Extinction of ex intermediaries rights, Payment of equitable compensation, Payment of rehabilitation grant to ex intermediaries who paid land revenue upto Rs 10,000 per annum, Undisturbed possession of land by actual tillers of soil and conferment of greater rights upon them, Undisturbed possession by every person of his house well or grove, No landlord tenant system to be in force in future i e prohibition of sub letting except in restricted cases, Prevention of uneconomic holdings, Village community to own all common lands and to have powers of land management, The entire body of tenure holders to be jointly and severally responsible for the payment of land revenue, and Facilities for co operative farming

Every ex intermediary (ex zamindar) is entitled to compensation at the rate of eight times his net assets In addition, every ex intermediary, whose land revenue did not exceed Rs 10,000 would be given rehabilitation grant at the specified scale

IRRIGATION

Area irrigated by State Irrigation works (1951 52) 7,195,682 acres

Number of tube wells 2,393 Area irrigated in 1951 52 983,181 acres

Area irrigated by wells other than tube wells in 1951 52 5,062,140 acres

Names of larger irrigation works with capacity and area irrigated during 1951 52 within brackets

Upper Ganga Canal (9,063 cusecs, 1,683,437 acres) Lower Ganga Canal (5,170 cusecs, 1,273,321 acres), Eastern Yamuna Canal (2,262 cusecs, 502,929 acres), Agra Canal (1,800 cusecs, 380,486 acres), Sarda Canal (9,500 cusecs, 1,432,006 acres), Betwa Canal (1,307 cusecs, 190,314 acres), Dhasan Canal (740 cusecs, 65,596 acres) Ken Canal (1,067 cusecs, 1,70 030 acres), Ghagra Pumped Canal (771 cusecs, 1,02,130 acres) Ghagar Canal (5,892 m cft, 34,508 acres), Ramganga Canal (200 cusecs, 29 384 acres), Bijnor Canal (180 cusecs, 22,514 acres)

Names of irrigation projects in execution with the expected date of completion, area which will be irrigated and total cost within brackets

Sarda Canal (1954 1,76,000 acres, Rs 49 lakhs), Sarda Canal Extension (1953 54, 1 76,000 acres Rs 95 lakhs), Pratapgarh Branch (Extension of Sarda Canal) (1953 54 50,000 acres, Rs 53 5 lakhs), Daryabad Branch (Extension of Sarda Canal) (1954 55, 60,000 acres, Rs 60 lakhs) Sarda Reservoir in Tarai Forest Stage I, including Jaunpur Branch (1955 56, 200,000 acres, Rs 336 21 lakhs) Increasing capacity of Sarda Canal (1955 56, 40,000 acres, Rs 36 lakhs), Increasing capacity of Ganga Canal (1955 56 100,000 acres Rs 16 lakhs) Irrigation Schemes in Kumaun (1955 56 25 000 acres Rs 43 5 lakhs) Banganga Canal (1955 56, 22,000 acres, Rs 34 lakhs) Lalitpur Dam* (60,000 acres Rs 35 lakhs) Saprar Dam* (40 000 acres, Rs 60 lakhs) Matatila Dam (1956 57, 3,60 000 acres Rs 400 lakhs) Nagwa Dam* (70 000 acres Rs 80 lakhs), Kabrai Lake Project* (5 000 acres Rs 19 lakhs), Arjun Dam (1955 56 27 000 acres Rs 53 lakhs) Rangawan Dam (1954 90,000 acres Rs 103 lakhs), Belan Canal Project (1955 56 38,000 acres Rs 193 46 lakhs) Ahraura Dam (1956 57 22,000 acres, Rs 40 lakhs), Chandraprabha Dam (1956 57 40 000 acres Rs 78 42 lakhs) Shahganj Distv and Extension of Ghagra and Garai Canal Systems (1954 55, 20,000 acres Rs 18 7 lakhs), 964 State tubewells (1953 54 411 700 acres, Rs 426 29 lakhs) 995 State tubewells under Technical Co operation Administration (1955 56, 3,89,000 acres, Rs 380 63 lakhs)

Minor Irrigation Schemes with expected date of completion, area which will be irrigated and cost within brackets

Majhgawan Bund (1954 55 2,000 acres, Rs 6 lakhs), Baghelkhand Bund (1954 55 1,380 acres, Rs 5 66 lakhs), Barwa Tola Bund (1954 55 2,000 acres Rs 5 lakhs), Narhat Tank (1954 55, 497 acres Rs 1 62 lakhs) Pali Tank (1954 55, 1,023 acres Rs 2 19 lakhs) Mejia Reservoir and Canals (1955 56 75,000 acres Rs 104 lakhs) Naugarh Dam and Chandauli Canals (1955 56 80 000 acres, Rs 150 lakhs)

Total estimated rise in output after completion of the irrigation projects now in execution 501,073 tons

Irrigation projects planned but not executed Gandak Canal, Extension of Ghagra Canal, Sarju Canal, Salona Pumped Canal and other minor irrigation schemes

The following schemes are under investigation Bhara and other bunds (Agra District), Besu Gangi Irrigation Schemes (Azamgarh District), Kharari and other nala irrigation schemes (Azamgarh District), Pumping schemes from Tals (Azamgarh District), Pokhra Tal (Gorakhpur District) Ghugi Nadi Irrigation Scheme (Gorakhpur District) Bund and inlet scheme in Ballia Revalganj, Dohrigat Pumped Canal scheme

Forest Total area 13,000 sq miles, Private forests 3,800 sq miles, Revenue (1952 53) Rs 3,34,16,139, Expenditure Rs 1,24,92,493

MANUFACTURES

The State is not rich in minerals Iron and copper ore are found in the Himalayan districts

Coalfields exist in the district of Mirzapur in Tehsil Sanghrauli Gold is found in minute quantities by washing the sands in some of the rivers in the hills Limestone is found in the Himalayas and in the districts of Etawah and Banda, and stone is largely quarried in the Mirzapur district Other kinds of stone quarried, though in small quantities, are kankar and slates

Kanpur is the chief centre for cotton spinning and weaving mills According to the latest figures available about 8,000 persons are employed in cotton ginning, cleaning and pressing factories and 72,000 in spinning and weaving mills

Agra, the principal centre of shoemaking, is rightly called the Northampton of India and produces shoes worth over a crore of rupees a year Kanpur is next to it in importance

The glass industry is important at Bahjoi Balawali, Sasni, Harangau Shikohabad, Naini (Allahabad), Ghaziabad and Banaras Firozabad is the chief centre for manufacturing glass bangles in India

There are over forty hollow ware factories, and eighty glass bangle factories in the State Out of the forty one hollow-ware factories ten are large scale factories and the others are comparatively small The total amount of the goods produced in these hollow-ware factories is estimated at 25,000 tons per year valued at 4 5 crores of Rupees per year The bangle factories at Firozabad produce about 10,000 tons of bangles per year, valued at Rs 6 crores per year

There are four factories manufacturing vegetable ghee with a capacity of about 150 tons per day The oil crushing industry is well developed in the State since U P produces about 2¼ crore maunds of oil seeds There are over 150 big oil mills registered under Factories Acts and over 250 small oil mills working with power About half a dozen oil mills are equipped with refining plant

There are about 25 big soap factories besides a large number of small manufacturers producing in all about 3 lakh maunds of toilet and washing soap annually

Paints and varnishes industry is being developed with the coming into existence of 6 paints and varnishes factories producing 3 500 tons of paints and 150,000 gallons of enamel and varnish annually

Boiled oil is already being manufactured by some firms producing about 450,000 gallons annually

Allied industries like textile auxiliaries and toilets are being manufactured at some places

Tin canisters are made at Agra, Hathras, Etawah, Mainpuri and Ghaziabad

(For sugar industry see article Sugar Industry)

COTTAGE INDUSTRIES

Main Cottage industries	Number of workers	Value of production (in rupees)
Textile	1 238,000	41,84,00,000
Leather	180 000	20,40,00,000
Brass and copper (Utensils)	205,000	6,30 00,000
Locks Cutlery and building fittings	22 790	2 38,90,000
Iron and Steel	36,200	4 07,00,000
Glass	51,800	3,82,00,000
Ceramics and Pottery	250,550	7,53,85,000
Ghee, Oil, Soap and Gur	1,701,500	65,98,80,000
Wood Working	12,225	2,16,95,000
Cane and Reed Furniture and Basketry	64,800	3,08,50,000
Fibre	83,000	4,75,00,000
Essential Oils and Perfumery	3,000	25,94,000
Miscellaneous	30,265	4,61,45,000
Total	3,879,130	2,07,22,39,000

Total budget grant for 1953 54 Rs 93,75,400

TRANSPORT

Total mileage of roads 50,448 miles

Mileage of metalled roads 18,782 miles, unmetalled roads 31,666 miles

* In operation

Mileage of roads maintained by
P W D Metalled roads 8,491 miles, unmetalled roads 7,333 miles
District Boards Metalled roads 1,800 miles unmetalled roads, 17,000 miles
Municipalities 1005 miles

Number of passenger service buses 2,702 (excluding roadways vehicles) Number of goods carrying lorries, trucks 6,583 Number of taxis 452

Number of combined Posts and Telegraphs offices 3,178 (permanent), 2,175 (temporary) Number of telegraph offices 10

Number of telephone exchanges 67 Number of subscribers 12,297

Number of broadcasting stations 2 (Lucknow and Allahabad) Number of receiving licenses in 1950 53,624

The State owns a transport service under the name of U P Government Roadways managed as a Government Department with the Transport Commissioner as the head

The State is divided into seven regions namely Agra Allahabad, Bareilly (with which has been amalgamated the Kumaon region) Gorakhpur, Kanpur Lucknow and Meerut (with which has been amalgamated the Garhwal region) Each region is in the charge of a General Manager

The headquarters of the Transport Commissioner is Lucknow

Each region has a regional workshop and a number of depots for repairs and maintenance of vehicles at suitable places The Roadways Central Workshop the pivot of Roadways Workshop Organisation, is located in Kanpur

Capital invested Rs 3,47,97 053 (31st March 1952)

Total mileage covered in 1951 52 28,166 418 miles

Number of routes covered by nationalised passenger service Agra Region 44, Allahabad Region 24 besides 6 city services Bareilly Region 26, Garhwal Region 3 Gorakhpur Region 58, Kanpur Region 39 Kumaon Region 7, Lucknow Region 32 besides 8 city services, Meerut Region 23

Goods service has not been nationalised

Number of vehicles owned by authority in January 1953 Passenger 1,192 Goods 326

Number of nationalised city bus services 15 (January 1953)

Cities where transport is publicly owned Allahabad, Benaras, Bareilly and Lucknow

Number of suburban bus services 3
Number of city bus service vehicles 70
Number of passengers carried by Authority in 1951 52 42,53,107

Total expenses of Authority in 1951 52 Rs 3,02,54,798 9 10

Total revenue for 1951 52 Rs 3,15,12,816 5-0

Profit for 1951 52 Rs 12,58,019 11 2

Rise in number of men employed after nationalisation 7,290 (1950 51), 7,331 (1951 52)

Rise in per capita earnings of staff Rs 4,130 3 2 (1950 51), Rs 4,208 9 0 (1951 52)

Extra amenities provided for passengers Printed time tables are made available to the public Fare tables and time schedules are displayed at all stations

Tickets are issued at bus stations according to the principle of first come first served

Separate booking windows, waiting rooms and urinals for ladies are provided at important stations

Seats can be reserved in advance

Waiting room sheds and drinking water facilities have been provided at all the stations Refreshment stalls and book stalls are also provided at stations

Arrangements for loading and unloading of passengers' luggage are made through conductors and porters

Special services are run on occasions of fairs, etc

A high percentage of punctuality is maintained in running the buses

Bus fare for lower class was raised to 7½ pies per mile two years after nationalisation

The freight rate has been decreased after nationalisation

Ratio of total wage bill to total working expenses 3 13

Number of main workshops for repair and overhaul One Central Workshop at Kanpur

Number of regional workshops and maintenance depots 39 altogether

Some spare parts are manufactured at Roadways Central Workshop Kanpur

Expansion of U P Government Roadways is envisaged in the Five-Year Plan Several routes are proposed to be taken over for operation of Passenger Transport Services in 1953 54, 1954 55 and 1955 56

CO-OPERATION

Total number of co operative societies 36,523

Membership of co operative societies Individuals 3 037 285 Societies 49,007

Total working capital Rs 2,657 95 lakhs

Types of co operative societies and their number Provincial Co operative Bank 1 Central and District Co operative Banks 62, Central Urban Banks 3 Seed Stores 9, Consumers Stores 8 Cattle Breeding Societies 1 Better Farming Societies 2 Provincial Federation 1 Federations (District and Central) 53 Development and Marketing Unions 1,666, Ghee Unions 11, Milk Unions 6 Poultry Unions 2 Fruit and Vegetable Unions 2 Other Sale Societies 3 Better Living Unions 7, Educational Institutions 14 Others 2, Industrial Societies (Under Industries Department) 43

Number of Agricultural Primary Societies 32 245

Number of Non Agricultural Primary Societies 2,269

Provincial Co operative Bank Working Capital Rs 346 06 lakhs, Deposits Rs 274 18 lakhs, Paid up share capital Rs 40 54 lakhs, Reserve and other funds Rs 10 80 lakhs, Dividend for the year 1952 53 4½ per cent

Budget allotment for the Co operative Department for 1951 52 Rs 65 20 (ending March 31, 1952)

HOUSING

Information from the Chief Engineer, P W D, Buildings and Roads Branch —

Housing Authority Relief and Rehabilitation Department, U P, Lucknow

Source from which finance is drawn Ministry of Relief and Rehabilitation, Government of India

All quarters have been constructed in urban areas The following table gives details about the houses built upto March 1953

Class of houses	Number of each class	Cost of building each house	Rent per month for each house
		Rs	Rs
Shop cum residence	3,847	2,200	8 to 16
Improved type rest dence	140		
Stalls	1,798		
Single room quarters	3,764	1,836	10
Double room quarters	256	4,104	25 to 28
Shops	60	1,450	

Number of Labour quarters tenements constructed in the urban area By P W D at Kanpur 1,473, By Development Board Kanpur 744, By Municipal Board, Lucknow 560

1,500 tenements are being constructed by P W D at Kanpur at Rs 2,700 per tenement

Information from the Town and Village Planner to Government, U P

Housing authority and how constituted Kanpur Development Board under Kanpur Urban Area Development Act, 1945

Improvement Trusts under Town Improvement Act, 1919

Municipal Boards under U P Municipalities Act, 1916

Housing Board constituted by the Labour Department for workers' housing in sugar factories

Co operative Societies under Registration of Co operative Societies Act

Housing by private individuals

Different classes of houses built and cost of building a house of each class Five main room houses (Rs 25,000), Four main room houses (Rs 18,000), Three main room houses (Rs 12 000), Various types of refugee quarters constructed by State Government (Rs 4,500 to Rs 12,000), Houses constructed by Co operative Societies at varying costs, Two-room houses for sugar factories (Rs 3,500), Single room house for sugar factories (Rs 2,000), Industrial workers quarters (Rs 2,700)

How rent is fixed Economic rent is first calculated and then rent remission if necessary is made

The types of houses built by Co operative Housing Societies vary from five main rooms to three main rooms

The rents of houses built by housing authorities are lower than those built by private enterprises

Financial help No financial help for private enterprises Loans are granted by the State Government to local authorities and co operative housing societies, repayable in instalments at a nominal rate of interest

Housing for sugar factory workers is financed out of U P Sugar and Power Alcohol Workers Welfare Fund

Housing for industrial workers is financed by the Government of India on half subsidy and half loan basis

Number of families which need proper houses 464,936 This figure also gives the number of houses that are needed Number of houses at present 929,881

Sources of finance available for housing Government of India on half subsidy and half loan basis, State Government either in the form of grants or in the form of loans, Local Bodies taxes

Subsidised Scheme

Housing authority Housing Commission

Source of finance Subsidy and loan sanctioned by the Government of India

Number of houses built in Kanpur and Lucknow and the type 2,777 one room quarters

Cost of each tenement including land Rs 2,700

Rent per month, proposed to be fixed by the Government of India Rs 10

The rent is considerably lower than the rent of a similar house of the same standard built by private enterprise This rent will be a subsidised rent

Budget allotment by the State Government for construction of houses Rs 75 lakhs

The Government of India sanctioned Rs 95 lakhs for constructing 3,750 houses at Kanpur by 31st July 1953 The Government of India have also been moved to allot a sum of Rs 2 crores for 1953 54 for construction of workers' houses at Kanpur, Agra, Firozabad and Hathras

In Sugar Factories

Housing Authority U P Sugar and Power Alcohol Board

The Board consists of 9 members, 3 from Government 3 from employers and 3 from workers

Source of Finance U P Sugar and Power Alcohol Industries Labour Welfare and Development Fund created under the U P Sugar and Power Alcohol Industries Labour Welfare and Development Fund Act, 1951

How the finance is drawn By levying cess on the sale proceeds of molasses

Class of house	Number of houses under construction: Rural area	Number of houses under construction: Urban area	Cost of each house	Rent
Single room	271	47	Rs 2 040	Free
Two room	243	58	3,80 >	,,

Number of houses constructed so far by various sugar mills 216

Amount paid so far to the various sugar mills as part payment towards the above scheme Rs 7,26,357

Total number of houses required 1,500

Public Health Death per thousand Cholera (0 09), smallpox (0 77) plague (0 20), malaria (3 07) The number of officials in the health services is 181, and in the subordinate services 101 The budget allotment for 1953 54 Rs 1 41 76,000

ADMINISTRATION

Governor Kanialal Maneklal Munshi

PERSONAL STAFF

Secretary to the Governor – Lt Col C S Bhatnagar

Hon Aides de Camp –Lt B S Thapa, Sardar Bahadur, Rls Major and Hon Capt Manindra Nath Sardar Bahadur, Captain Bhagwan Din

Superintendent, Office of the Secretary to the Governor —Govind Ballabh Pant

(*Continued on next page*)

POPULATION OF DISTRICTS

Name of Division or District	Population in 1951	Population in 1941	Variation (+)	Percentage variation (+)
Meerut Division	6,718,510	5,717,048	+ 1,001,462	+ 17 5
Dehra Dun	382,005	286,018	+ 95,987	+ 33 8
Saharanpur	1,353,636	1,180,466	+ 173,170	+ 14 67
Muzaffarnagar	1,221,788	1,056,759	+ 165,009	+ 15 61
Meerut	2,261,217	1,896,582	+ 384,635	+ 20 28
Bulandshah	1,499,884	1,317,223	+ 182,661	+ 13 87
Agra Division	6,075,402	5,329,731	+ 745,671	+ 13 99
Aligarh	1,543,506	1,372,641	+ 170,865	+ 12 45
Mathura	912,264	811,251	+ 101,013	+ 12 5
Agra	1,501,391	1,288,478	+ 212,913	+ 16 52
Mainpuri	993,890	872,601	+ 121,289	+ 13 89
Etah	1,124,351	984,760	+ 139,591	+ 14 17
Rohilkhand Division	7,217,666	6,673,038	+ 544,628	+ 8 16
Bareilly	1,269,233	1,176,197	+ 93,036	+ 7 91
Bijnor	984,196	910,223	+ 73,973	+ 8 1
Budaun	1,251,152	1,162,322	+ 88,830	+ 7 6
Moradabad	1,660,955	1,473,151	+ 187,804	+ 12 7
Shahjahanpur	1,004,378	983,385	+ 20,993	+ 2 1
Pilibhit	504,428	490,718	+ 13,710	+ 2 8
Rampur	543,324	477,042	+ 66,282	+ 13 9
Allahabad Division	6,960,488	6,013,978	+ 946,460	+ 15 7
Farrukhabad	1 092,641	955,573	+ 137,068	+ 14 3
Etawah	970,695	883,264	+ 87,431	+ 9 9
Kanpur	1,939,867	1,556,247	+ 383,620	+ 24 7
Fatehpur	908,985	806,944	+ 102,041	+ 12 6
Allahabad	2,048,250	1,811,950	+ 236,300	+ 13 0
Jhansi Division	2,888,522	2,748,993	+ 139,529	+ 5 1
Jhansi	877,607	831,043	+ 46,564	+ 5 6
Jalaun	555,289	516,984	+ 38,255	+ 7 4
Hamirpur	665,429	660,747	+ 4,682	+ 7
Banda	790,247	740,219	+ 50,028	+ 6 8
Banaras Division	6,849,031	5,996,685	+ 852,346	+ 14 2
Banaras	1,978,634	1,670,057	+ 308,577	+ 18 5
Mirzapur	1,017,289	899,929	+ 117,360	+ 13 0
Jaunpur	1,517,173	1,387,439	+ 129,734	+ 9 4
Ghazipur	1,141,278	985,380	+ 155,898	+ 15 8
Ballia	1,194,657	1,053,880	+ 140,777	+ 13 4
Gorakhpur Division	8,831,241	7,972,108	+ 859,133	+ 10 8
Gorakhpur	2,238,588	1,993,661	+ 244,927	+ 12 3
Deoria	2,102,627	1,969,913	+ 132,714	+ 6 7
Basti	2,387,603	2,185,641	+ 201,962	+ 9 2
Azamgarh	2,102,423	1,822,893	+ 279,530	+ 15 3
Kumaun Division	2,159,982	1,978,631	+ 181,351	+ 9 2
Naini Tal	335,414	291,861	+ 43,553	+ 14 9
Almora	772,896	687,286	+ 85,610	+ 12 5
Garhwal	639,625	602,115	+ 37,510	+ 6 2
Tehri Garhwal	412,047	397,369	+ 14,678	+ 3 7
Lucknow Division	7,152,237	6,530,736	+ 621,501	+ 9 5
Lucknow	1,128,101	949,728	+ 178,373	+ 18 8
Unnao	1,067,055	959,542	+ 107,513	+ 11 2
Rae Bareli	1,166,704	1,064,804	+ 91,900	+ 8 6
Sitapur	1,380,472	1,293,554	+ 86,918	+ 6 7
Hardoi	1,361,562	1,239,083	+ 122,479	+ 9 9
Kheri	1,058,343	1,024,025	+ 34,318	+ 3 4
Faizabad Division	8,362,713	7,583,538	+ 779,175	+ 10 3
Faizabad	1,481,796	1,319,425	+ 162,371	+ 12 3
Gonda	1,877,484	1,719,644	+ 157,840	+ 9 2
Bahraich	1,346,335	1,240,569	+ 105,766	+ 8·5
Sultanpur	1,282,160	1,100,368	+ 181,792	+ 16·5
Pratapgarh	1,110,734	1,041,024	+ 69,710	+ 6 7
Barabanki	1,264,204	1,162,508	+ 101,696	+ 8·7

COUNCIL OF MINISTERS

Chief Minister, Genl Adm , Planning and Co operation, Pandit Govind Ballabh Pant
Finance, Power, Hafiz Mahomed Ibrahim
Home, Labour, Dr Sampurnanand
Industries, Relief, Rehabilitation, Hukum Singh
Public Works, Girdhari Lal
Civil Supplies, Health, C B Gupta
Revenue, Agriculture, Charan Singh
Justice, Excise, Syed Ali Zaheer
Education, Harijan Sahayak, Hargovind Singh
Local Self Government, Mohanlal Gautam
Information, Irrigation, Kamalapati Tripathi
Transport, Vichitra Narain Sharma

DEPUTY MINISTERS

Parliamentary Affairs and Co operation, Mangla Prasad
Forests, Jagmohan Singh Negi
Planning, Phool Singh
Agriculture, Jagan Prasad Rawat
Jails, Muzaffar Hasan
Public Works Department, Chaturbhuj Sharma
Irrigation Ram Murti

PARLIAMENTARY SECRETARIES

Parliamentary Secretary to Chief Minister, Kripa Shanker
Civil Supplies and Health, Banarsi Das
Education Sita Ram
Revenue and Agriculture, Dwarika Prasad Maurya
Industries and Rehabilitation Rauf Jafri
Civil Supplies and Health, Baldev Singh Arya

U P PUBLIC SERVICE COMMISSION

Chairman

Krishna Murari Lal, M A , LL B

Members

Nafisul Hasan, M A , LL B
Pitambar Datt Pande, M A

Secretary

Ram Prasad Kichlu, M A , L T

Assistant Secretary

Ram Naresh Lal M A , LL B

SECRETARIAT

Chief Secretary, K P Bhargava, I C S
Finance Secretary, B G Rau, I C S
Secretary, Public Works Deptt , B P Bagchi I C S
Secretary Home Department Girjapati Mukharji I A S
Revenue Secretary, Zahurul Hasan, I A S
Judicial Secretary and Legal Remembrancer, Dwijendra Nath Roy, M A , LL B
Secretary, Legislative Department, Jagbans Kishore Tandon, B A LL B
Secretary, Education Department, Krishan Chand, I C S
Secretary, Information, Medical, Public Health and Food and Civil Supplies, Trimbak Lal Mahendra, I A S
Secretary, Local Self Government Kuldip Narayan Singh, I A S
Secretary, Industries, Labour and Excise I D N Sahi I C S
Secretary Planning and Agriculture, Irrigation and Co operative Departments, A N Jha, I C S
Secretary Relief and Rehabilitation and Evacuee Property Deptts Raghubir Saran Das, I A S

DEPUTY SECRETARIES

Deputy Secretary, Chief Secretary s Branch, Hari Krishna Tandon, I A S
Finance, Bharat Narain, M Sc
Public Works Department, Lakshman Das Bhargava M A , LL B
Home, I R Barker B Sc
Home Shyam Narayan Mehrotra, M Sc
Revenue, Reoti Raman Mathur, M A , B com
Revenue Dashrath Singh M A , LL B
Judicial Branch and Deputy Legal Remembrancer, Ram Nath Sharma, M A , LL B
Addl Deputy Secretary Judicial Branch and Addl Legal Remembrancer, Hari krishna Sinha, B A LL B
Addl Deputy Secretary Judicial Branch and Addl Dy Legal Remembrancer, Randhir Narain Mehra, M A , B Sc LL B
Planning K A P Stevenson I A S
Agriculture, Pooran Chandra Pande, M Sc
Planning, I D Pande, M Sc
Industries, Santosh Kumar Chaudhri
Medical and Health, S K Sarkar, I A S

HEADS OF DEPARTMENTS

Accountant General (Central) C S Rao
Commissioner of Income tax (Central), B M Sen Gupta, B A
Postmaster-General (Central) C V Cunningham, M A , I P S
Chief Conservator of Forests, Raj Narain Singh, I F S
Chief Engineers Madhab Singh Bisht, C E (*Buildings and Roads*) Akhil Chandra Mitra, B Sc , M I E , M A Soc , C E , I S E (*Irrigation Department*) Nripendra Nath Chakravarti, M I E E (London) (*Electricity Department*)
Chief Inspector of Factories, Guru Dutt Bishnoi B Sc (Eng), A M I E
Commissioner of Labour, Onkar Nath Misra, I A S (*Controller of Rationing*) *Commissioner for Food and Civil Supplies*, Trimbak Lal Mahendra, I A S
Custodian of Evacuee Property, Raghunath Prasad Varma B A , LL B
Director of Agriculture, Dr Sant Bahadur Singh, M Sc , Ph D (Cantab)
Director of Animal Husbandry and Veterinary Services, Dr Ram Lal Kaura, D V M M R C V S
Director of Education, Bhairav Nath Jha, B Sc , LL B , Ed (Edin)
Director of Excise and Prohibition Virendra Vikram Singh, I A S (*Excise Commissioner*)
Director of Government Printing and Stationery, Moni Gopal Shome (*Superintendent Printing and Stationery*)
Director of Industries, Lalit Mohan Bhatia, I A S
Director of Public Health Dr A N Chopra M R B S , D T M D P H (Eng) I M S (Retired)
Director of Publicity Trimbak Lal Mahendra, I A S
Inspector General of Police I P Bhalla I P
Inspector General of Prisons A R Sinclair Day
Registrar of Births & Deaths, Trimbak Lal Mahendra I A S
Registrar of Companies, Subhrendu Bhushan Banerji M A I L B , P C S (*Settlement Commissioner*), *Relief and Rehabilitation Commissioner* K P Bhargava I C S
Superintendent of Census, Rajeshwari Prasad, I A S

NORTH EASTERN RAILWAY

(Gorakhpur)

Gen Mgr , B Arora
Chief Engineer, R H Henry
Controller of Stores, D McAlpine

Judicial Department

(HIGH COURT OF JUDICATURE AT ALLAHABAD)

Mr Justice Bidhubhusan Malik, M A (Bar at Law) — Chief Justice
Mr Justice O H Mootham, Bar at Law (E D) — Judge
Mr Justice Raghubar Dayal, M Sc , I C S — Do
Mr Justice Harish Chandra, M Sc (Bar at Law), I C S — Do
Mr Justice Mubashir Hussain Kidwai, M A (Cantab), Bar at Law — Do
Mr Justice Chandra Bhan Agarwala, M A , B L — Do
Mr Justice Manu Lal Chuni Lal Desai, B A (Cantab), I C S — Do
Mr Justice Vashistha Bhargava, I C S — Do
Mr Justice Brij Mohan Lal, B A , I L B — Do
Mr Justice Ram Narain Gurtu, B A (Oxon), Bar at Law — Do
Mr Justice Nasirullah Beg, M A (Cantab) Bar at Law — Do
Mr Justice Basudeva Mukerji, M A , LL B — Do
Mr Justice Misri Lal Chaturvedi, B A LL B — Do
Mr Justice Hari Shankar Chaturvedi, B A , LL B — Do
Mr Justice Atma Charan, I C S — Do
Mr Justice Randhir Singh, B Sc , LL B — Do
Mr Justice Har Nath Prasad Asthana, M A , LL B , Bar at Law — Do
Mr Justice Dwijendranath Roy — Do
Jagat Narayan, I C S — Registrar
G D Sahgal, M A B Sc LL B — Joint Registrar
Brigu Naraj, B A , LL B — Deputy Registrar
Girdhari Krishna Narain — Do
Shambhu Nath Srivastava, B A — Do
Kashinath Tewari, B A., LL B — Assistant Registrar
Kanhaiya Lal Misra, B A , LL B — Advocate General
Dr M H Faruqi, M A., LL B (Ph D), Bar at-Law — Govt Advocate
Prithwi Nath Chaudhri, B A , LL B — Additional Government Advocate
Debi Prasad Uniyal, M A , LL B — Dy Do
Sri Ram, B A , LL B — Addl Dy Do
Jewan Ram Bhatt — Asstt Do
Shankar Sahai Saksena — Do Do
C S. Saran, Bar-at-Law — Law Reporter
Iftikhar Husain, B Sc , LL B — Law Reporter, Lucknow Bench
J C. Mukerji, B.A., LL B — Junior Law Reporter
Janki Prasad — Temp Jr Law Reporter
J K Srivastava, B A , LL B. — Administrator-General & Official Trustee
Kedar Nath Ghosh — Secy to C J

UNIVERSITIES

Agra University

Affiliating Colleges 62, Students 25,100 (approx)

Aligarh University

Residential, Students 4,800 (approx)

Allahabad University

Unitary, teaching, residential Colleges 3, Students 5 700 (approx)

Banaras Hindu University

Residential, Constituent Colleges 14 affiliated colleges 5, Students 8,250 (approx)

Roorkee University

Residential, Students 210 (approx)

COLLEGES

Agra University

Agra College, Agra
Agricultural College, Kanpur
A K College, Shikohabad
Balwant Rajput College, Agra
Barhsem College, Aligarh
Bareilly College, Bareilly
Bundelkhand Degree College Jhansi
Christ Churst College, Kanpur
Christian College Indore
Darbar College, Indore
D A V College, Ajmer
D A V College, Kanpur
D A V College, Muzaffarnagar
Dayanand Vedic College Orai
Devi Lall Shah Gangola Degree College, Almora
Dharmsamaj College Aligarh
Digamber Jain College, Baraut
Engineering College Dayalbagh, Agra
Faizabad Degree College, Faizabad
G B College, Shahjahanpur
Govt College, Ajmer
Gokal Dass Hindu Girls' College, Moradabad
G R Medical College Gwalior
Govt Hamidia College Bhopal
Hindu Degree College, Moradabad
Holkar College Indore
Jat Vedic Agricultural College, Baraut
K E M U Jat College, Lakhaoti
K G K College, Moradabad
Kishori Raman College, Mathura
K N College, Gyanpur (Banaras)
K B Girls College Gwalior
Madhava College Ujjain
Maharaja s College, Chhatarpur
M B College of Agriculture, Gwalior
Meerut College, Meerut
M G M Medical College, Indore
M M H V College Ghaziabad
M P College, Gorakhpur
N R E C College, Khurja
Nanak Chand Anglo Sanskrit College, Meerut
Radhaswami Educational Institute, Dayalbagh Agra
Ragunath Girls' College, Meerut
Raza College, Rampur
Satish Chandra College, Ballia
Savitri Girls College, Ajmer
S D College, Muzaffarnagar
Shibli National College, Azamgarh
Shri Saraswati Vidyalaya Degree College, Hapur
S M College, Chandausi
S N Medical College, Agra
St Andrew s College, Gorakhpur
State Government s Degree College Nainital
St John s College, Agra
Subhash National College, Unnao
T D College, Jaunpur
The College of Vet Science and Animal Husbandry, Mathura
Victoria College, Gwalior
V S S D College, Kanpur
Women s Training College, Dayalbagh, Agra
Y D College, Kheri

Banaras Hindu University

Central Hindu College, Banaras
College of Agriculture, Banaras
College of Ayurveda, Banaras
College of Indology, Banaras
College of Mining and Metallurgy, Banaras
College of Music and Fine Arts Banaras
College of Science, Banaras
College of Technology, Banaras
Engineering College, Banaras
Law College, Banaras
Sanskrit Mahavidyalaya Banaras
Teachers Training College, Banaras
Women s College Banaras
Basant College for Boys Raighat Banaras
D A V College, Banaras
Harish Chandra College, Banaras
Udai Partap College, Banaras
Vasanta College for Women, Banaras

Aligarh Muslim University

Women s Muslim College, Aligarh

Allahabad University

Agricultural Institute, Allahabad
Chaudhary Mahadeo Prasad Degree College Allahabad
Ewing Christian College, Allahabad

Lucknow University

Isabella Thoburn College Lucknow
Kanya Kubja College Lucknow
Karamat Hussain Girls' College, Lucknow
Lucknow Christian College, Lucknow
Mahil Vidyalaya College, Lucknow
Shia College, Lucknow

MERCHANTS CHAMBER OF U P KANPUR

The Merchants' Chamber of U P was established in November 1932, with the object of safeguarding the interests of trade and industry in Uttar Pradesh, providing regular and efficient statistical and intelligence service to the business firms and generally helping the promotion of trade and business in Uttar Pradesh through proper organisation of commercial opinion

The Chamber represents almost entirely Indian capital and has affiliated to its membership Cotton Mills, Sugar Mills, Jute Mills Silk weaving and Hosiery works, Oil Mills Banks and Firms engaged in extensive dealings in Piece-goods country produced Hide and Leather Ten Commercial Organisations and Trade Associations of the State are also affiliated to the Chamber

The Chamber maintains a ceaseless channel of correspondence with the Central and State Governments and the various Railways on all points of commercial grievances whether of general or of specific interest It issues every month an English and Hindi Bulletin to its members who are scattered over the entire State The report of the activities of the Chamber is a regular feature of the daily press of the State

The Chamber is represented on the Court of the Lucknow University, Rly Advisory Committees, State Economic Advisory Board, State Board of Agriculture and Animal Husbandry Kanpur Municipal Board, and about 15 other spheres of public service The constitution of the Chamber which is registered under the Indian Companies Act, 1913, with a licence under Section 26, provides for an executive consisting of a President, a Vice President and 19 Members of the Council A wholetime Secretary is attached to the Council

President —Kishan Narain
Vice President —Shanti Narayan
Secretary —J V Krishnan, M A, B Com
Asst Secretary —R Chandra, M A, B Com
Head Asst —Shri Ram, B Com
Office —15/57, Civil Lines Kanpur
Grams —" Merchain "
Phone —Kanpur No 2469

U P CHAMBER OF COMMERCE, KANPUR

The U P Chamber of Commerce established in 1914, represents all the important commercial and industrial interests of Uttar Pradesh The Chamber is recognised both by the State and Central Governments

It is represented on the Kanpur Municipal Board, Local Telephone Advisory Committee Regional Employment Advisory Committee U P Provincial Economic Advisory Board Advisory Committee for Central Textile Institute Forest Utilization Advisory Board, Board of Communications U P, Court of the Lucknow University, Railway Rates Advisory Committee (Trade Panel Raw Cotton) Regional Posts and Telegraphs Advisory Committee, Advisory Committee attached to the H B Technological Institute Kanpur, Board of High School and Intermediate Education, U P, and various other public bodies in the State

The Chamber is affiliated to the Federation of Indian Chambers of Commerce and Industry as also to the National Committee of the International Chamber of Commerce

The number of members on register is 200

Office bearers

President —J K Srivastava, B Sc (Tech), A M C T, A I I
Senior Vice President —D P Singh
Junior Vice President —Gajanand Sutwala
Hony Secretary —P K Menon
Hony Jt Secretary B P Newatia
Assistant Secretary —P K Menon, B A
Technical Adviser —S R Rallan B Com Hons (Birmingham)
Address 15 197, Civil Lines Kanpur

ALL INDIA CRIME PREVENTION SOCIETY

Office —Old Post Office Building, Hazratganj, Lucknow

The Society was formed to co ordinate methods of crime prevention in all the States in India and to introduce latest scientific and psychological methods for crime prevention in the country

The Central Government has issued a circular to all the States requesting them to help the Society and keep it posted about their crime prevention measures Two States, *viz*, U P and Bihar have become contributory members of the Society paying Rs 2,000 each Others are expected to follow Public subscription and State donation are the main sources of income of this Society

President —Paripurnand Varma, M L A

BHARATA GANITA PARISHAD
(FORMERLY BENARES MATHEMATICAL SOCIETY)

Address **Lucknow University, Lucknow**

Founded in 1918 for the encouragement and promotion of research in the various branches of Pure and Applied Mathematics, and in the History of mathematics It publishes a journal entitled *The Proceedings of the Benares Mathematical Society*, now called *Ganita* in which original papers on Mathematics, Statistics, and history of mathematics are published It also maintains a library There are over 120 members in India and abroad Annual Subscription for members is Rs 5 Price of Journal Rs 10 (in India) or 15 Shillings or 3 dollars (Foreign)

President **Dr Gorakh Prasad**

Vice-Presidents Dr R D Misra, Prof R Vaidyanathswami, Prof Chandi Prasad
Secretary Dr R S Mishra
Jt Secretary Dr A Sharma
Editorial Secretary Dr S K Bose
Treasurer U K Shukla
Librarians Dr B Mohan and K S Shukla

CAWNPORE CLUB LTD

Membership (1) *Ordinary Members Entrance Fees* Rs 100, monthly subscription, Rs 20, (2) *Temporary Members*, No entrance fees Rs 5 per day with a maximum of Rs 30 per month

(3) *Service Members* No entrance fees Confined to officers below the rank of Lt Col or equivalent Monthly subscription Rs 12

CAWNPORE SUGAR MERCHANTS ASSOCIATION

(51 57 Collector Ganj Kanpur)

Secretary T Prasad

EMPLOYERS ASSOCIATION OF NORTHERN INDIA

(14 77 Civil Lines, Kanpur)

Secretary C V Kinsville

INDIA VILLAGE SERVICE (Mainpuri)

The aim of the service is to enable the village people to realize their needs by living and working among them The programme of work includes health, sanitation agriculture, hand work, child care, literacy, citizenship, etc

The service has at present a staff of eight both men and women, and is located in three different areas Marehra (Dist Etah) Fatepur (Dist Lucknow), Chamkari (Dist Etah) Enquiries, however, should be sent to Marehra Funds are largely raised from private sources both in India and abroad

Director Dr William H Wiser

NATIONAL ACADEMY OF SCIENCES, INDIA

(Lajpat Rai Road, Allahabad 2)

The National Academy of Sciences, India, Allahabad was founded on the 4th of December 1930 by Professor M N Saha, D Sc, F R S F N I, F N A Sc, as the Founder with eighteen other prominent scientists as Founder Fellows It was registered under the Registration Act, XXI of 1860, on the 4th of December 1930

The affairs of the Academy are managed by a Council which consists of a President, two Vice Presidents, an Honorary Treasurer, two General Secretaries, a Foreign Secretary and nine other members

Annual subscription for Ordinary Member is Rs 25

Fellows whose number is not to exceed 150, are elected from among persons of distinction in scientific work Fellows are regarded as Ordinary Members in matters of payment of subscriptions and exercise of privileges

President Professor Shri Ranjan M Sc (Cantab), D Sc (State France), F N I, F N A Sc

Vice Presidents Professor N R Dhar, D Sc (London & Paris), F R I C (London), F N I, F N A Sc I E S (Retd), Professor D S Kothari, Ph D (Cantab), F N I, F N A Sc

Honorary Treasurer Dr R K Saksena, D Sc (Paris) F N I F N A Sc

Foreign Secretary Professor D R Bhattacharya, Ph D, D Sc, F Z S, F N I, F N A Sc

General Secretaries Professor S Ghosh, D Sc F R I C, F N A Sc, Professor R C Majumdar Dr Phil Nat (Jena), F N I, F N A Sc

THEOSOPHICAL SOCIETY

(Banaras 1)

General Secretary Rohit Mehta

UPPER INDIA CHAMBER OF COMMERCE

(14 69, Civil Lines, Kanpur)

Secretary Miss D Seaton

WEST BENGAL

Area 30 775 sq miles, Population 24,810,308, Males 13,345 441, Females 11,464 867, Hindus 19,510,660, Muslims 4,927,163, Scheduled Castes 4,696,205, Urban 6,153,263, Rural 18,657,045

Capital Calcutta

There are two Divisions in the State, the Burdwan Division and the Presidency Division

The Districts in the Burdwan Division with their headquarters in brackets are as follows

Bankura (Bankura), Birbhum (Suri), Burdwan (Burdwan), Hooghly (Chinsura), Howrah (Howrah) Midnapur (Midnapur)

The Districts in the Presidency Division with their headquarters in brackets are as follows

Calcutta Cooch Behar (Cooch Behar), Darjeeling (Darjeeling), Dinajpur† (Balurghat), Jalpaiguri (Jalpaiguri), Malda (English Bazar), Murshidabad (Berhampur), Nadia (Krishnanagar) 24-Parganas (Alipur)

The boundaries of the present State as between East and West were fixed by the Radcliffe award

District wise, the whole of Burdwan, Birbhum, Bankura, Hooghly, Howrah Midnapur, Calcutta, 24 Parganas, Murshidabad and Darjeeling Districts and parts of Nadia, Malda, Jalpaiguri and Dinajpur Districts are in West Bengal

The 24 Parganas District includes the two P S of Jessore, Bongaon and Gaighata, that is 10 94 per cent of the area and 7 28 per cent of the population of Jessore

Of Nadia District 47 75 per cent of the population and 52 34 per cent of the area, of Malda 68 50 per cent of the population and 69 41 per cent of the area, of Jalpaiguri 77 62 per cent of the population and 81 57 per cent of the area and of Dinajpur 30 28 per cent of the population and 35 14 per cent of the area are in West Bengal (percentage based on 1941 census)

Cooch Behar was merged with West Bengal in January 1950

POPULATIONS OF DISTRICTS

Burdwan 2,191,667, Birbhum 1,066,889 Bankura 1,319,259, Midnapur 3,359 022 Howrah 1,611,373, Hooghly 1,554,320, 24 Parganas 4,609,809, Calcutta 2 548,677, Nadia 1,144,924, Murshidabad 1,715,759, West Dinajpur 720,573 Malda 937,580, Jalpaiguri 914 538 Darjeeling 445 260, Cooch Behar 671 158

AGRICULTURE

The figures are for 1952 53

Area in acres 19 641,100, area under forest 1 711,700, not available for cultivation 3 213, 700, uncultivated besides current fallows 1,839 000, current fallows 1,132,800, net area sown 11,730,000, area sown more than once 1,504,200 total cropped area 13,234,200

Area and production of principal crops are as follows

	Area (000 acres)	Production (000 tons)
Winter rice	8 801 6	3,484 7
Autumn rice	1,356 8	447 1
Summer rice	48 5	18 3
Total rice	10,206 9	3,950 1
Wheat	106 4	35 3
Pulses (including gram)	1,548 4	390 7
Oilseeds (including til)	323 8	59 3
Potato	100 4	421 1
Sugarcane	52 3	1,038 3
Jute	836 3	2,412 6
Tobacco	40 2	12 8

The figures for jute are in bales

The amount of sugarcane in maunds was 217,014 75 and of molasses 97,955 65

Under the Grow-More Food campaign the number of small irrigation schemes rose to 920 benefiting an area of 272 770 acres and the additional quantity of foodgrains produced was 27,641 tons The area of wasteland reclaimed was 6,404, and the additional foodgrains 4,482 tons

The quantity of ammonium sulphate distributed was 8,168, and extra production 35,376 tons, of super-phosphates 741 tons, extra production, 1,786 tons, of bone meal 3,045 tons, extra production 3,591 tons, of green manure 52 tons, extra production, 277 tons, of town compost 19,155 tons, extra production 1,419 tons of village compost 102,827 tons, extra production 3 808 of improved paddy seeds 1,134 tons, extra production 6,048 tons

There are 524 demonstration centres for the Japanese method It is estimated that the adoption of this method has given an extra production of 100 per cent over the State average of 16 1 maunds to the acre On this basis there will be an extra one million tons of paddy through this process

The total acreage under the Japanese method is 61,839

Total bovine live stock 11,024,304 of this male cattle 5,354,599, female cattle 5,050 544, male buffaloes 429,039, female buffaloes 190 122

A zamindari abolition bill has been passed into law

Four fundamental principles of the Bill are All land shall belong to Government, there will be no intervening rent-receiving interests, and lands will be held by the tillers of the soil the State will eliminate and acquire all zamindari and intermediate rent receiving interests in lands and similar interest in mines, certain types and quantities of land will be allowed to be retained under tenancy directly under Government on payment of rent Homesteads will be allowed to be retained free of rent

An intermediary will be allowed to retain among other things agricultural land in khas possession upto 25 acres, non agricultural land in khas possession upto a limit of 15 acres but not exceeding 20 acres including homestead land

Payment of compensation will be made as follows

For the first Rs 500 or less 20 times of such net income, for the next 500 or less 18 times for the next 1 000 or less 17 times for the next 2,000 or less 12 times for the next 1 000 or less, 10 times, for the next 15,000 or less, 6 times for the next 80 000 or less, 3 times, for the balance, 2 times

Payment will be made partly in cash and partly in non-negotiable annuity bonds at 3 per cent per annum and payable in 20 equal annual instalments

FOOD

The net availability of cereals in West Bengal is 3,402,000 tons, the requirement is 3,965,000 tons The annual deficit is about 563,000 tons

The State plans to get an extra 545,000 tons of rice by 1955-56 If the people agree to take 300,000 tons of wheat the food deficit may be wiped out by the end of the Five Year Plan As long as rationing continues in Calcutta, the State will get 360,000 tons of rice from the Centre

Statutory food rationing was first introduced in West Bengal on Jan 31, 1944 with a basic scale of 4 srs per adult per week The total cereal scale in 1954 was 2 srs 10 chs, the rice ration was 1 sr 5 chs

The rate for all qualities of rice was about Rs 21 4 0 from January to November 1953

From Jan 1, 1953 all intra-district and inter district cordons were abolished Rice mills were allowed to sell only one third of their produce to Government instead of the whole, and only farmers owning 10 acres or more were brought under a levy system requiring them to surrender their surplus to Government

Flour was decontrolled in Oct 1952 The Asansol and Kharagpur areas were deratioined in Dec 1952

Quantitative restrictions on the sale of wheat was withdrawn from Oct 5, and wheat was completely decontrolled from Jan 18, 1954

The levy stem was abolished on Oct 14, 1953

To give the people of the Calcutta industrial area additional benefit in the shape of supply of good rice free market shops were introduced in 1953 through which different varieties of rice within the quota were sold

IRRIGATION

Out of the 59 projects provided in the Five Year Plan 55 have been completed

The total cost of the schemes completed was over Rs 7 crores and the area benefited over 473,000 acres

The biggest of the schemes is the Mayurakshi It will irrigate 600,000 acres in the kharif season and 120,000 acres during the rabi season in the Districts of Birbhum, Murshidabad and Burdwan, and 30,000 acres in the kharif season and 2,500 acres in the rabi season in the District of Santhal Parganas in Bihar At the beginning of 1954 it irrigated 100,000 acres

About 2,000 kW of firm electric power will be generated and an additional 2,000 kW during the irrigation period

The canal system will have 847 31 miles of canals of various sizes

The Tilpara Barrage was started in 1948 and completed in June 1951 The cost of the barrage was Rs 1 11 crores Other barrages completed are over the rivers Bakreswar, Kopai, Dwarka Upto Aug 1953, 440 miles of canals had been excavated The Chandrabhaga Aqueduct, the biggest and most difficult crops drainage structure in the Mayurakshi project was completed during the monsoon of 1953

	When completed or to be completed	Total cost (Rs lakhs)	Area in acres benefited
Mayurakshi Reservoir	1954 55	15,50 00	600,000
Harahatuganj Drainage	1952 53	10 73	16,000
Berai Canal	1952-53	18 32	5,000
Jibanti Banki	1951 52	3 11	6,400
Jampoi	1951-52	0 51	800
Soadighi Gangakhali	1952 53	24 84	29,400
Jhargram	1952 53	9 39	5,000
Suvankar Daura	1952 53	13 20	6,000
Trans Damodar	1952 53	4 15	32,900
Saraswati	1952-53	4 34	7,100
20 Minor Schemes	1952-53	5 34	59,700
Procurement Bonus	1952 53	21 17	84,900
23 Emergency Schemes	1952-53	13 84	57,900
New Minor Schemes	1952 53	1 69	13,700
Excavation of Nonaganj river	1952-53	4 25	4,900
Sonarpur Arapanch Matla	1955-56	105 00	46,400
Bagjola-Ghuni Jatragachi	1955-56	99 00	25,600
Total*		19,41 20	1,005,500

* Includes items not listed above † Also called West Dinajpur.

DAMODAR VALLEY CORPORATION

The Damodar Valley Corporation Act was passed in March 1948, and the Corporation itself came into existence on July 7

The whole project is divided into two phases The first phase comprises four dams, Tilaiya, Konar, Maithon and Panchet Hill with hydro electric stations attached to each, a thermal power station at Bokaro with an ultimate capacity of 200,000 kW, a transmission and distribution system which includes 510 route miles of transmission, an irrigation barrage at Durgapur with a net work of canals totalling 1,552 miles and provision of navigation facilities

The rest of the four dams Balpahari, Bokaro, Aiyar and Bermo with hydro electric stations form the second phase

The total cost of the first phase would be around Rs 88 crores The share of the three participating Governments is as follows Govt of India Rs 22 crores, Government of Bihar Rs 15 crores, Government of West Bengal Rs 51 crores

The total capital expenditure incurred upto the end of 1951 52 was Rs 28 07 crores the revised estimated expenditure for 1952 53 was Rs 17 63 crores, the D V C s budget estimates for 1953 54 was Rs 16 84

Of the projects in the first phase the Tilaiya Dam and the Bokaro Thermal Station were opened on Feb 21, 1953 Konar and Maithon and the Durgapur Barrage are expected to be finished in 1954 and Panchet Hill in 1955

The benefits from the first phase are estimated to be of this nature extra food worth Rs 30 48 crores, extra jute Rs 3 60 crores, sale of power Rs 4 18 crores

Tilaiya Dam was begun in January 1950 and completed in Sept 1952 Of the two 2 000 kW generators the first was opened on Feb 21, 1953 The total area irrigated will be 99,000 acres a year The hydro-electric output 22,770,000 kW hours per annum

The Bokaro thermal station is the biggest electrical plant in India It is designed with an ultimate installed capacity of 200,000 kW

Konar Dam will provide rabi irrigation for 68,000 acres and kharif for 36,000 acres The hydro electric plant has 40 000 kW capacity The dam was started in the middle of 1952 and will be completed in 1954

The Maithon Dam is designed primarily for flood control The attached generating station has an installed capacity of 60,000 kW The area irrigated will be 270,000 acres

Panchet Hill the fourth of the dams is also designed primarily for flood control The attached electric plant has a 40,000 kW capacity The area irrigated will be 683,850 acres

FORESTS

The forests with a total area of 2,680 sq miles lie chiefly in the Districts of Darjeeling, Jalpaiguri, Cooch-Behar, and in the Sundarbans The forests in the north represent about 90 per cent of the income from forests Transport is the chief problem as the consuming areas are in the south west there is no direct link between Siliguri and Calcutta The Sundarbans forest produce chiefly fire wood

The principal products are timber, fire wood and charcoal

The average annual production is about 26 13 lakh cubic feet of round timber, 24 14 lakh cubic feet of poles, 0 79 lakh cubic feet of sawn timber and 226 77 lakh cubic feet of fuel

Other forest produce are about 8 5 lakh bamboos, 22,300 loads of cane, 13 lakh cubic feet of stones, 5,820 maunds of honey, 1,307 maunds of wax and 2 lakh bales of thatching grass

* Of proper mill-size 36

INDUSTRY

Agriculture is the principal industry of West Bengal Industry proper is comprised largely of jute tea (confined to Jalpaiguri Dooars, Darjeeling), coal mining and sugar

There are about 200 textile mills* with about 350,000 workers, about 100 jute mills with over 300,000 workers about 600 engineering works with 95,000 workers, about 1 400 other factories with 235,000 workers

Then there are the cottage industries

Government help takes the form of assistance to private industries, training and research and the creation of wider market for finished goods

In the matter of assistance to private industries, Government acquires land, obtains controlled material aids export and import and grants long term industrial loans

Vocation training is given in Government and aided institutions Of the latter there are 75 Under the Government of India's scheme for training civilian adults 2,380 boys are trained every year

The Industries Directorate has taken up four schemes for developing cottage industries They include utilization of coir products, development of pottery bee keeping and match industry

At Jalpaiguri there is demonstration in sericulture In Calcutta there is a silk conditioning house Training in sericulture is given at the Government Institute at Berhampur, where upto March 1953, 12,000 persons have received training in various trades and professions

The number of industrial co-operatives is over 900 with a membership of 67,975 upto *June 1952* Their total working capital was Rs 13 32 lakhs, and the proceeds from the sale of goods amounted to Rs 70 lakhs

There are 8 sericulture nurseries and 23 silk artisans societies where about 806 artisans work They produced 70 000 sq yd of silk fabric in 1952 53

There were 4 industrial centres in 1952-53, in which 210 workers produced 66 000 yards of cloth, khadi amounted to 78 616 sq yd

Palm gur produced by the Directorate amounted to 987 maunds Hand made paper totalled 263 reams

CO-OPERATION

Total no of societies at end of 1953 16,825 total membership 1,000,576, total working capital Rs 19 50 crores

There is one Apex Bank, 40 Central Banks, one Banking Union, 8 Land Mortgage Banks on the District level, and 10,465 primary credit societies on village level The total membership of primary agricultural credit societies is 240,000

Crop loans for agricultural operations Rs 81 lakhs, Long term loans by Land Mortgage banks Rs 2,50 lakhs from June 30, 1952 to June 30, 1953

Total working capital of Provincial and Central Banks and of agricultural credit societies *Rs* 7 52 crores

Of the non-agricultural credit societies there were on June 30, 1953, 415 urban credit societies with a total membership of 290,000 and a total working capital of Rs 8 78 crores The loans issued in 1951 52 amounted to Rs 7 36 crores

Among agricultural non credit societies there were 822 irrigation societies, 44 agricultural associations and farming societies 17 marketing societies, 8 vegetable growers' societies, one ganja farming society, 158 milk societies, 2 cardamom growers' societies and 1,693 multi-purpose societies

The irrigation societies irrigate 45,000 acres of land, the farming societies jointly cultivate 4,000 acres, the production of the ganja society amounted to Rs 2 98 lakhs in 1951 52 The out-turn of the milk societies was Rs 4 89 lakhs

The multi-purpose societies excavate lands and canals, supply seeds and manures, issue crop loans, farm, colonize, buy and sell The total out-turn in 1951-52 was Rs 223 96 lakhs

In the handloom industry there were 19 industrial unions on the district level, 921 weavers' societies on the village level and two provincial societies for marketing handloom products The working capital of the unions was Rs 12 83 lakhs

There were 921 weavers' societies with a membership of 67,975 The total sale by the Weavers Societies in 1952 was Rs 69 50 lakhs The working capital of the weavers' societies amounted to Rs 13 32 lakhs

Other societies are Conchmakers' societies 5, Cocoon Rearers' and Reelers societies 23, Bell metal workers' societies 23, silk societies 2, brazier societies 4 bidi production societies 4, fishermen's societies 275 (membership 16,825, working capital Rs 3 39 lakhs, sale Rs 6 32 lakhs)

Transport societies 12 medical and health societies 3, rural reconstruction and better living societies 688

Colony societies 126 (working capital Rs 35 09 lakhs)

Co operative insurance societies 9 (sum assured Rs 484 16 lakhs)

The Co operative Milk Societies Union Ltd Calcutta supplies about 2,000 maunds of milk monthly in the city The working capital is Rs 6 73 lakhs

All the sections of the Haringhata Live stock Improvement Station are now in operation The cattle section has 1,620 head of cattle which yield about 40 maunds of milk a day In 1953 54 about 200 breeding bulls were expected to be supplied for breeding purposes The poultry section has a strength of 1 000 layers About one lakh eggs and 7,000 breeding stock were expected to be supplied In the goat section the work of selective breeding is in progress

The dairy which has an up to-date plant handles 250 maunds of milk a day It also produces butter and ghee There is also research work on the breeding and improvement of fodder crops

The whole station runs at a profit

The latest year for which fuller particulars than those given above are available is 1950 51

No of agricultural credit societies 9 523 no of members 226 000, share capital Rs 16,39 000, funds Rs 41,30 000 working capital Rs 1,14,00,000, loans made Rs 33,26,000 value of goods marketed Rs 31,000, rate of interest on borrowings 9¾ on lendings 12¼

No of primary land mortgage banks 3, no of members 1,664, share capital Rs 64,000, funds Rs 80,000, working capital Rs 8,40 000, loans due at end of year Rs 7,70,000

No of provincial banks 1, no of offices 1 no of member banks and societies 86 share capital Rs 23,93,600, reserve fund Rs 15 07 275 bad debt reserve Rs 37,65,478, other funds Rs 15,79 706 working capital Rs 3,64,88,000 loans to individuals Rs 1 61 000 loans to societies Rs 27,00,000 investments Rs 99,10,000 rate of interest on borrowings 2½ on lending 5

No of Central Banks 40, no of offices 40 share capital Rs 16,20,000, reserve fund Rs 14,90 000, bad debt reserve Rs 14 00,000 other funds Rs 4,60,000 working capital Rs 1,95 000, no of individual members 1 822 no of member banks and societies 9 402, loans advanced to individuals Rs 3,60 000 loans advanced to societies and banks Rs 56 10,000 investments Rs 60,00 000, rate of interest on borrowings 1 to 5¼, rate on lendings 9¼ to 10 15/16

No of non agricultural credit societies 398, no of members 2,84,300 share capital Rs 1 82 50 000, funds Rs 1,02,40 000, working capital Rs 8 4 00 000 loans due at end of year Rs 9 49 00 000, value of goods marketed Rs 15,00 000

The position about agricultural non credit societies is as follows

No of purchase and sale societies 16 of production and sale societies 1 789 of production societies 929 of social services societies 696 of housing 6, total no of societies 3 430, total no of members 226 400 share capital Rs 27,82 000 funds Rs 10,11 000, working capital Rs 86 00 000 loans Rs 10 00,000, value of goods sold Rs 1 98 00 000

The position about non agricultural non credit societies is as follows

No of purchase and sale societies 384 of production and sale societies 1 457 of social services societies 45 of housing societies 111, of insurance societies 8 total no 2 000 no of members 199 000 share capital Rs 20,00 000, funds Rs 75,00,000 working capital Rs 1 33 00 000 value of goods sold Rs 1,45 00 000

ROADS

There are six national highways in West Bengal Calcutta Delhi (152 miles), Calcutta Bombay (90 miles) Bihar Assam (181 miles), Siliguri Gangtok (35 miles) Calcutta Siliguri (203 5 miles) Calcutta Bongaon

The state highways cover a total route length of 746 miles

The roads under the District Boards are as follows 1,500 miles metalled, 15 000 unmetalled

Then there are earth roads under union boards

Mileage per thousand of population 0 57

The roads share in the Five Year Plan is Rs 13 80 crores The plan includes the construction and improvement of 296 miles of national highways, 518 miles of state highways, 1 282 miles of major District roads 196 miles of village roads The State highways will claim 30 per cent of the funds major District roads 64 per cent village roads 6 per cent

The programme of works also includes the construction of 50 major bridges besides a large number of minor bridges and culverts

COMMUNITY DEVELOPMENT PROJECTS

There are eight blocks They are Baruipur in 24 Parganas Saktigar in Burdwan Ahmadpur in Birbhum Muhammad Bazar in Birbhum, Nalhati in Birbhum, Jhargram in Midnapur, Tulia in Nadia Habra in 24 Parganas, Sonamukhi in Bankura, Dinhata in Cooch Behar

The area covered by the eight blocks is 697 8 sq miles The total number of families covered is 100 036 and the total population about 450 077

The contribution from the local people is measured in terms of labour, cash or materials The voluntary labour is estimated to be worth Rs 1 90 lakhs, the cash contribution Rs 99,000 and the value of the material donated Rs 1 lakh It is estimated that upto Nov 30, 1953 the contribution of the local people was worth Rs 4 06 000

EDUCATION 1953-54.

Budget for 1953 54 Rs 4,52,09,000

No of primary schools, 14,903, no of pupils, 1 477 814, no of teachers, 45 000

No of secondary schools (middle), 1,299, no of pupils, 147,520

No of high schools, 1,168, no of students, 434,312

No of colleges, 88, no of students, 51,821

No of technical schools including weaving schools, 116, no of students, 7,195

No of agricultural schools, 1, no of students, 41

No of veterinary schools, 1, no of students, 103

No of social education centres, 1,152 no of persons attending them, 62,681

No of basic education centres, 113, no of students attending them, 12,499

Money spent on primary education, Rs 1,31,00,000 (1952 53) on Basic Schools and Basic Training Schools, Rs 18,75 000 (1952 53), on college education Rs 33 00 000 on research schemes, Rs 1 01 000 (1952 53) on pre Matric technical institutes Rs 1,75 000 (1952 53), on polytechnics and technical training centres Rs 6,79 000 (1952 53), on Sanskrit education Rs 1,38,000 (1952 53), on special stipends from primary to university Rs 11,72 000 (1952 53) on National Cadet Corps, Rs 10 14 000 (1952 53), on physical education, Rs 77,400

A ten year plan of free and compulsory primary education for the rural areas initiated in 1951 52 covered an area of 3,834 85 sq miles catering for about 4 lakh children at a total additional cost of Rs 11,17,300

This scheme is going according to plan and one fifth of the area of the State was covered in the first two years There is now a scheme for opening 2 500 primary schools and the appointment of 10 000 primary school teachers The Central Government will share 75 per cent of the expenditure

There were in 1953 54 148 Junior Basic Schools The establishment of 77 new Basic Schools was sanctioned The capital cost of each school is about Rs 24 000 Upto 1953 54 about 1 400 Basic teachers were trained The number of Basic Training Schools was 11

About Social Education, there were 450 literacy centres and 300 complete centres maintained by Government besides 200 other centres run by aided voluntary organizations and 125 library centres for follow on education The total number of adults who attended these Government centres was 60,000

Rs 1 48 lakhs were spent on library centres public libraries folk recreational institutions

About 600 all wave radio sets were installed in adult education centres, public libraries, schools and colleges

There were 37 pre Matric industrial institutions

There were also four polytechnics and three technical training centres They provided one year training course for about 1,500 trainees

The polytechnics are Asansol Polytechnic Dhadka, Asansol Sispore Polytechnic, Howrah, Jalpaiguri Polytechnic Institute, Jalpaiguri, Hooghly Institute of Technology, Hooghly

The technical training centres are Ramkrishna Mission Shilpa Mandir, Belur, Howrah, Jadavpur Polytechnic, Jadavpur, Dum Dum Polytechnic, Dum Dum

Three other institutes which provide diploma courses are located in Burdwan, Bankura and South Calcutta

Sanskrit education is provided in three Government and 261 aided tols

There are 15 Senior Division Units of the National Cadet Corps and 165 Junior Division N C C

HEALTH

Birth rate 23 2, Death rate 12 1 Infant mortality 98 1, Maternal mortality 5 7

No of hospitals 457 no of dispensaries 740, no of beds 18,579, no of T B hospitals 10, no of T B beds 2,084 Rural health centres 154, Rural health centre beds 2,030, Maternity and child welfare centres 39, Maternity homes 4, Medical colleges 4, no of students in colleges 3,640, Nursing training centres 19, no of students 869, Pharmacy training centre 1, no of students at the centre 60, Mobile medical units 206, no of beds for treatment of leprosy 933, for venereal diseases 110

No of people tested in the B C G campaign 422,398 no vaccinated 132,401

Drinking water is supplied in rural areas by sinking tube wells which now number 4 769

The total expenditure on health services (1953 54) Rs 4,69,15,000, per capita Rs 1 14 3

REFUGEES AND REHABILITATION

Total no upto Oct 1953 2,585,974

No resettled 1,462,175

Total expenditure upto Sept 1953 Relief grants, Rs 15 32,84 286, Rehabilitation grants, Rs 4,44,87 633, Expenditure on loan schemes and advance loans, Rs 17,31,31,575

Expenditure in 1953 up to Sep Relief grants, Rs 1,00,80 073 Rehabilitation grants Rs 42 73 144, Expenditure on loan schemes and advance loans, Rs 83 16 675

Total no of refugees accommodated in camps and homes upto Oct 1953 about 65,000

Total no of unattached women together with old and disabled men and children sent to Permanent Liability Camps about 35,000

No of families settled on khas mahal lands (upto Oct 1953) 9,005 (on 10,284 acres, each agr family got 3½ acres, each non agr family got ½ acre)

No of families settled on fallow or unused land 13,035 agr and 36,110 non agr

No of families absorbed through villages or houses under a Union Board 11 899 no absorbed through arrangement with landowner 4,080

Amount of land acquired through private negotiations by refugees 59,261 plots (5 bighas per family) and 87 090 non agricultural plots (6 cottahs per family)

Schemes for loans in rural areas include loans for land purchase, house building business or small trade, purchase of cattle seed, manure weavers, paddy husking, horticulture

Upto Oct 1953, 5,252 houses were constructed

Facilities for education, vocational and technical training include Rs 7,30,606 to colleges for expansion of building, Rs 33,38,713 to secondary schools for expansion, Rs 4 72,411 for establishing 9 Government sponsored secondary schools, Rs 98,88,713 to 1,019 free primary schools, also aid in the form of tuition fees and books

The Directorate of Resettlement and Employment found employment for 47,547 upto Oct 1953

There are arrangements for training women refugees in arts and crafts, the number receiving such training in Oct 1953 was 1,300

CRIME AND CORRUPTION

The number of dacoities declined from 1,428 in 1951 and 1,087 in 1952 to 750 in 1953

The position about anti corruption was as follows (from Jan to Sept 1953)

No of complaints handled 832, no of persons involved 832, no convicted by court 8, no punished by Departments 122, no acquitted after trial 25, no exonerated after departmental enquiry 47, no dropped for want of evidence 316, no against whom investigations were pending 314

The position about enforcement was as follows

No of cases instituted for profiteering, hoarding, etc, 11,481, no convicted 7,850, fines realized Rs 1,82,097; value of commodities confiscated Rs 1,45,529, no detained under the Preventive Detention Act 2, no of licences cancelled for dishonest dealings 11.

WORKERS' WELFARE

No of disputes, Jan-July 1953 2,521, no involving strikes and lock outs, 195, no disposed of, 1,929, no of workmen involved, 145,448, no of man days lost, 685,337

No of disputes referred to adjudication upto Oct 31, 1953 261, no of awards made 176

In the jute industry the minimum wage paid to an unskilled worker is Rs 63 6 in the cotton textile industry it is Rs 50 2 5, in the engineering industry it is Rs 61 in the printing presses it is Rs 47 of a clerk in the mercantile firms under the Bengal Chamber of Commerce the basic pay is Rs 70 with a D A of Rs 5 per 10 points over 180

The Government has set up 25 labour welfare centres at different places to supplement the efforts of the employers Small dispensaries are attached to 11 of these

At the end of 1951 the total number of persons employed in registered factories was 654,047 In 1952, 15,762 persons were retrenched because of trade depression Indian tea gardens too had to run at a loss and 15 gardens and one tea factory closed down throwing 6 089 workers out of employment

Minimum wages are fixed in tobacco manufactories (bidi making cigarette making) road construction and building, public motor transport local authorities (municipalities and district boards) cinchona plantations tea plantations of the Darjeeling Hill area and of the Terai Dooars Cooch Behar area

Two schemes of industrial housing have been sanctioned, and one is awaiting sanction

One scheme contemplates the construction of 128 single room tenements at an estimated cost of Rs 5 76 000 The entire expenditure will be met from a subsidy and loan from the Centre

A second scheme which has been approved is a Calcutta Improvement Trust scheme It contemplates the construction of 104 single room tenements at a cost of Rs 6 00,136 in Christopher Road, Entally, Calcutta The Government of India subsidy will be on a basis of Rs 4,500 per tenement

The scheme that is awaiting sanction provides for the construction of 300 tenements at a cost of Rs 8,32,000

The State Government gave one firm a subsidy of Rs 1,25,000 and a loan of Rs 1,87,500, and another a subsidy of Rs 27,000

FIVE-YEAR PLAN

The following are the various development schemes covered by the Five Year Plan of West Bengal —

Agriculture

Establishment of an Agricultural College Rs 15 lakh, Agricultural Research Rs 20 9 lakh, Soil conservation and utilisation Rs 10 1 lakh, Reclamation of waste lands Rs 41 1 lakh, Minor irrigation including drainage and bunding projects Rs 154 lakh Re excavation of derelict irrigation tanks Rs 185 lakh Supply of power pumping plants Rs 27 5 lakh Sinking of tube wells Rs 14 lakh Distribution of bonemeal Rs 12 4 lakh, Seed multiplication farms at Burdwan and Malda Rs 24 8 lakh, Five additional seed multiplication farms Rs 32 2 lakh, Brooklyn cold storage plant Rs 36 5 lakh Demonstration centres Rs 31 lakh, Plant protection scheme Rs 46 1 lakh Crop competition Rs 10 6 lakh, Loan to big growers Rs 10 9 lakh, Crop survey Rs 74 5 lakh

Animal Husbandry

Livestock *cum* breeding station at Haringhata Rs 64 2 lakh, Improvement of livestock Rs 15 5 lakh

Milk Supply

Removal of *khattals* from Calcutta Rs 245 lakh

Forests

Afforestation of Government waste lands by State agency Rs 82 3 lakh Conservation of private forests and afforestation of private waste lands Rs 29 6 lakh

Fisheries

Sea fishing with the help of Danish cutters Rs 71 1 lakh Pilot scheme for the development of *beel* fishery Rs 21 1 lakh Tank fishery development schemes Rs 27 8 lakh, Improvement of tank fisheries in the dry districts Rs 26 4 lakh

Cottage Industries

Organisation of silk reelers co operatives Rs 25 lakh Development of *khadi* industry Rs 15 5 lakh, Promotion of fur industry Rs 12 6 lakh Industrial centres scheme Rs 25 lakh Development of handloom industry Rs 16 lakh

Other Industries

Aid to industries Rs 20 1 lakh

Roads

Road development Rs 29 47 lakh

Road Transport

State transport—Calcutta and industrial areas Rs 311 lakh

Education

Training of basic school teachers Rs 48 7 lakh, Introduction and expansion of basic education Rs 1 16 lakh B F College -immediate and final plan Rs 11 lakh Extension of Presidency College Rs 11 lakh Technical high schools Hooghly and 24 Parganas districts Rs 13 4 lakh, Expansion of girls secondary education —krishnanagar Midnapur and Jalpaiguri Rs 21 9 lakh, Increased salaries of primary school teachers Rs 4 40 lakh, Expansion of training facilities of graduate teachers Rs 18 6 lakh, Social adult education Rs 67 4 lakh Basic primary training colleges Rs 29 4 lakh Reorganisation of the Government Commercial Institute Rs 18 3 lakh Colleges for women-Hooghly, Murshidabad and Jalpaiguri Rs 19 4 lakh, Engineering institutions for diploma courses—Calcutta Burdwan and Bankura Rs 15 6 lakh

Medical

Establishment of temporary medical college in Lake area Rs 20 7 lakh, Conversion of Campbell Medical School into a College Rs 60 8 lakh, Scheme for a dental college Rs 19 7 lakh Establishment of a rural nursing service and improvement of nursing system Rs 16 2 lakh, Improvement of pharmacy and pharmacy training Rs 18 1 lakh, Increase in the number of rural dispensaries Rs 6 22 lakh Maintenance of A G Hospitals Rs 2 09 lakh, Rehabilitation and improvement of existing hospitals Rs 1 07 lakh Provision of infectious diseases hospitals in Calcutta Rs 75 7 lakh, Establishment of a T B Hospital at Kanchrapara and a T B Sanatorium at Digri Rs 1 21 lakh Control and prevention of venereal diseases Rs 87 2 lakh

Public Health

Rural water supply Rs 72 lakh, Water supply and drainage in municipal areas Rs 79 lakh, Control of Malaria Rs 1 09 lakh, Maternity and child welfare Rs 15 5 lakh Malaria control in fringe areas of salt lake near Calcutta Rs 14 6 lakh Anti leprosy scheme in Gouripore Rs 31 8 lakh, B C G vaccination scheme Rs 14 7 lakh

Housing

Kanchrapara area development scheme Rs 11 34 lakh

GOVERNMENT OF WEST BENGAL

Governor

Dr H C Mookerjee

Secretaries

H C Sen (*Secy to Governor, Raj Bhavan, Calcutta*)
S N Sen (*Dy Secy to Governor, Raj Bhavan, Calcutta*)
P B Sengupta (*Dy Secy to Governor Raj Bhavan, Calcutta*)

CABINET MINISTERS

Chief Minister Minister in charge of Home, Finance, Commerce and Industries and Development Deptt, Dr B C Roy
Minister in charge of Irrigation and Waterways Deptt, Ajoy Kumar Mukherjee
Minister in charge of Works and Buildings Deptt, Khagendra Nath Das Gupta
Minister in charge of Local Self Government Deptt, Iswar Das Jalan
Minister in charge of Food Relief and Supplies Deptts, Prafulla Chandra Sen
Minister in charge of Agriculture and Co operative Credit Deptt, Dr Rafiuddin Ahmed
Minister-in charge of Labour Deptt, Kalipada Mookherjee
Minister in charge of Cottage and Small Scale Industries Deptts, Jadabendra Nath Panja
Minister in charge of Forest and Fisheries Deptts Hem Chandra Naskar
Minister in charge of Excise Deptt, Shyama Prosad Barman
Minister in charge of Tribal Welfare Deptt Radhagobinda Roy
Minister in charge of Refugee Relief and Rehabilitation Deptt Srimati Renuka Ray
Minister in charge of Education Deptt, Pannalal Bose
Minister in charge of Judicial, Legislative and Land and Land Revenue Deptt, Satyendra Kumar Basu

MINISTERS OF STATE

Minister of State in charge of the Medical and Public Health Deptt Dr Amulyadhan Mukhopadhyay
Minister of State in charge of the Jails Branch of the Home Deptt, Dr Jiban Ratan Dhar

DEPUTY MINISTERS

Dy Minister for the Township Branch of the Development Deptt and for the Relief Branch of the Food, Relief, Supplies Deptt, Tarun Kanti Ghosh
Dy Minister for the Food Branch of the Food Relief and Supplies Deptt Smarajit Bandopadhyay
Dy Minister for the Supplies Branch of the Food Relief and Supplies Deptt, Rajni Kanta Pramanik
Dy Minister for the Co operation Branch of the Department of Agriculture and Co operation Chittaranjan Roy
Dy Minister for the Tribal Welfare Deptt, Tenzing Wangdi
Dy Minister for the Commerce and Industries Deptt Sourindra Mohan Misra
Dy Minister for the Defence Branch of the Home Deptt, Satyendra Chandra Ghosh Maulik
Dy Minister for the Publicity and Public Relations Branch of the Home Deptt, Gopika Bilas Sen
Dy Minister for the Rehabilitation Branch of the Refugee Relief and Rehabilitation Deptt Bijesh Chandra Sen
Dy Minister for the Women's Education Branch of the Education Deptt and for the Relief Branch of the Refugee Relief and Rehabilitation Deptt, Srijukta Purabi Mukherjee
Dy Minister for the Agriculture Branch of the Deptt of Agriculture and Co operation, Mallikpore Janab Abdus Shokur

Dy Minister for the Labour Deptt, Shiva Kumar Rai
Dy Minister for the Transport Branch of the Home Deptt Satish Chandra Ray Singha
Dy Minister Parliamentary Affairs (Home) and Chief Govt Whip Debendra Chandra Dey

PARLIAMENTARY SECRETARIES

Parl Secy I & L R Dept Md Sayeed Miah
Parl Secy Home Dept Ardhendu Sekhar Naskar
Parl Secy Labour Dept A M A Zaman

SECRETARIAT

Chief Secretary, S N Ray I C S
Secretary Home Dept, R K Mitra I C S
Secretary, Finance Dept, B Das Gupta I A S
Secretary Relief and Rehabilitation Dept and Commsnr R & R H Banerjee I A S
Secretary Agr Coop, Forests Fisheries, Irrigation and Waterways K Sen I C S
Jt Secy Home Dept M M Basu I C S
Secretary Education Dept D M Sen
Secretary, Medical and Public Health and Dir of Health Services Dr B C Das Gupta
Addl Secy Irrigation and Waterways and Adm Officer Mayurakshi Project A B Ganguly I C S
Secretary, Judicial Dept K K Hazra, I C S
Secretary Food Dept and Commissioner, Food A D Khan I C S
Secretary to the Chief Minister, R S Trivedi I C S
Special Officer and ex Officio Secretary Finance Dept N N Mazumdar
Secretary Board of Revenue, P Banerjee
Secretary Legislative Dept S K Dutt Gupta
Member Board of Revenue and ex Officio Secy, Land and Land Revenue Dept B Sarcar I C S
Jt Secretary Works and Bldgs Dept B K Sinha I A S
Jt Secretary, Labour Dept D S P Mukherjee I A S
Spl Officer Anti Corruption and Enforcement and ex Officio Secy Home Dept, S K Chatterjee I C S
Dir-Genl of Transportation & ex Officio Secy, Home Dept, J N Talukdar I C S
Jt Secretary Local Self Govt Dept S M Murshed I A S
Jt Secretary Home Dept D M Gupta I A S
Secy Legislative Assembly, Ajits Ranjan Mukherjee
Financial Adviser Food Relief & Supplies and ex Officio Secy Finance Dept S K Ghosh
Jt Secy Food Relief and Supplies P R Sinha I A S
Development Commsnr and ex Officio Secy Development Dept S K Dey I C S
Jt Development Commsnr and ex Officio Jt Secy Development Dept Ashoka Mitra I C S
Addl Secy Refugee Relief & Rehabilitation Dept, N K Roy Chowdhury I C S
Secy Commerce & Industry, Cottage & Small scale Industry Dr Nabagopal Das I C S

BOARD OF REVENUE

Writers Buildings Calcutta 1

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Officiating Member B Sarkar, I C S
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Registrar, Bholanath Ghose, B A
Senior Head Assistant Sukhendra Chandra Pal, B Sc B L
Head Assistants Sachindra Kumar Ghosh, B A
Suresh Chandra Ganguly B Sc Durga Kumar Barari B A B I
Accountant Sunil Chandra Sen

CALCUTTA POLICE

(Lalbazar Calcutta)

Commissioner of Police I Mukharji M A I P J I
Dy Commissioners of Police, P K Sen B L I P I P (*Headquarters*) C M Bagchi, B A, I P S I P (*Receivership*)
Asstt Commissioners of Police, H J P Wight (*Headquarters*) W S Robinson (*Traffic Department*) V Wavell (*Arms Act Department*)

CHIEF PRESIDENCY MAGISTRATE'S COURT

2, Bankshall Street, Calcutta

Chief Presidency Magistrate, Chairman, Advisory Board Vagrancy, N C Chakrabarti
Addl Chief Presidency Magistrate, B C Ghosh
Presidency Magistrates, S K Ghosh A K Sen, B Banerjee, H N Sen M C Sarbadhikari, P Ghosh A K Das N B Sen, K C Sen
Presidency Magistrate and Registrar Presidency Magistrates' Courts and also Presidency Magistrate Central Children Court, S N Ganguli
Presidency Magistrate in charge of Election Work, P K Bose
Hony Presidency Magistrates, M N Ray D I Dutt, T K Roy N C Law, A B Mukherjee, Dr B C Law, M B Ray, P C Das Gupta, K C Shome B M Ghosh A K Bose H K Bose J Kabir S S Ali N Singh Roy J C Sen W B Scott
Presidency Magistrates, S K Khanna A M Tayaball, Braj Mohan Bagri T M Zarif,
Presidency Magistrates, Central Children Court Smt Olive Pemantle Smt Tarulata Sen, Smt Mira Dutta Gupta Smt Swarnaprova Sen Smt Afzal Jahan Begum

House of Detention, Calcutta

Chief Presidency Magistrate ex Officio Chairman, Visiting Board, N C Chakrabarti
Presidency Magistrate, Central Children Court ex Officio Secretary Visiting Board, S N Ganguli
Superintendent House of Detention ex Officio Jt Secretary Visiting Board A P Ghosh

COMMISSIONER, WORKMEN'S COMPENSATION

4 Hastings Street, Calcutta

Commissioner N I Shome M A B L
Registrar P C Maitra M A B L
P A to Commissioner K K Mukherjee, B A

CO OPERATIVE DIRECTORATE

Registrar G D Goswami I A S
Banking Expert S C Majumdar
Chief Auditor D C Sen
Deputy Registrar, M N Choudhuri W B C S
P A to the Registrar, P N Majumdar M A
Asstt Registrar Calcutta 24 Parganas Districts M N Mottra B A
Asstt Registrar Howrah Hooghly Districts, I Hossain, B A
Asstt Registrar, Burdwan District B B Mitra B A
Asstt Registrar Birbhum District A K Sen M A
Asstt Registrar, Bankura District S Sen, B A
Asstt Registrar, Midnapur District N L Dutta Gupta M A
Asstt Registrar, Nadia District, S R Bhattacharjee B A
Asstt Registrar, Murshidabad District, D R Mukherji, M A
Asstt Registrar, Malda District, D N Chatterjee, M Sc
Asstt Registrar, West Dinajpur District, J Sen Gupta, B A
Asstt Registrar, Jalpaiguri Cooch Behar Darjeeling Districts, C B Kumal, B A, W B J C S
Asstt Registrar, Co operative Training and Education, N Sengupta, M Com

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Judges Ranendra Nath Dutt, M A, B L Suresh Chandra Biswas, M A Barrister at Law, Sailendra Nath Sen Gupta M A B L, Sudhir Ranjan Ghosh, M A, B L, Amiya Nemai Chakraborty M A, B L
Registrar and Chief Ministerial Officer Krishna pada Mukherjee M A, B L
Deputy Registrar, Sasanka Sekher Kar, M A, B L
Senior Superintendent, Birendra Nath Banerjee, B A
Head Assistant, Shyamacharan Haldar
Chief Interpreter, Atul Krishna Bhadra, B Sc
Supdt, Warrant Deptt, Paresh Nath Banerjee,
Supdt, Summons Deptt., Sk Mohiuddin
Treasurer, Sushil Krishna Dey
Accountant, Raimohon Sarkar
Confidential Clerk, Haran Chandra Sarkar, B A
Cost Comptroller, Bibhuti Bhuson Ghosh
Record keeper, Nikunja Mohun Samanta
Peremptory Cash Clerk, Debiprosad Mukherji, B A, L L B
Compromise Clerk, Khandakar Golamul Bari
Examiner of Disputed accounts, Amiya Kumar Ghosh
Asstt English Deptt, Rabindra Nath Sarkar

Court of Judge, Small Causes, Sealdah

S C C Judge, Sealdah, J N Mallik
Senior Munsiff, Sealdah, S C Sen Gupta
Munsiffs, P K Chanda, T Mukherjee
Chief Clerk, S C C Judge's Court, Sealdah, H N Roy

DIRECTORATE OF FACTORIES

5, Council House Street, Calcutta

Chief Inspector of Factories West Bengal, A D Toardar
Dy Chief Inspector of Factories, West Bengal G C Roy
Head Clerk B N Mukherjee

DIRECTORATE OF FORESTS

Writers Buildings Calcutta 1

Conservator General of Forests, Niranjan Pal, I F S
Conservator of Forests Southern Circle, 35 *Gopalnagore Road, Alipore Calcutta* 27 Jogendra Chandra Nath, I F S
Conservator of Forests Northern Circle Laden La Road Darjeeling, V Suryaprakasa Rao, I F S
Divisional Forest Officer Midnapur Forest Division, P O and Dist Midnapur, Arun Chandra Gupta, I F S
Divisional Forest Officer Silvicultural Division 35, *Gopalnagore Road, Alipore, Calcutta* 27, Jitendra Nath Sen Gupta W B S F S
Divisional Forest Officer, Burdwan Forest Division P O and Dist Burdwan Kanak Lal Lahiri, W B S F S
Divisional Forest Officer, Bankura Forest Division, P O and Dist Bankura Kumud Nath Chaudhuri, W B S F S
Personal Assistant to the Conservator General of Forests, Krishna Chandra Roy Choudhury, W B S F S
Divisional Forest Officer, 24 Parganas Forest Division 35, *Gopalnagore Road, Alipore, Calcutta* 27, Suniti Prasanna Mullick, W B S F S
Divisional Forest Officer, Jalpaiguri Forest Division, P O and Dist Jalpaiguri, Jayanta Kumar Ganguli, W B S F S
Divisional Forest Officer, Kurseong Forest Division, P O Dow Hill, Dist Darjeeling, Subal Sakha Mandal, W B S F S
Divisional Forest Officer, Central Forest Division, P O Krishnanagar, Dist Nadia, Prabir Kumar Ray, W B S F S
Divisional Forest Officer, Darjeeling Forest Division, P O and Dist Darjeeling, Tarak Nath Ray, W B S F S
Director, West Bengal Forest School, P O Dow Hill, Dist Darjeeling, Rathis Chandra Ghosh, W B S F S
Divisional Forest Officer, Malda Forest Division, P O and Dist Malda, Amaresh Bose, W B S F S
Divisional Forest Officer, Utilisation Division, 35, *Gopalnagore Road, Alipore, Calcutta* 27, Sasanka Bhusan Palit, W B S F S
Divisional Forest Officer, Cooch Behar Forest Division, P O and Dist Cooch-Behar, Sankar Narayan Misra, W B S F S
Divisional Forest Officer, Kalimpong Forest Division, P O Kalimpong, Dist Darjeeling, Sibdas Basu, W B S F S
Divisional Forest Officer, Siliguri Saw Mill Division, P O Siliguri, Dist Darjeeling Prafulla Kumar Roy Chaudhuri, B A C F
Divisional Forest Officer, Working Plans Division, 35, *Gopalnagore Road, Alipore, Calcutta* 27, Khirode Chandra Rai Chaudhuri, B A C F
Divisional Forest Officer, Buxa Forest Division, P O. Baksaduar, Dist Jalpaiguri, Monoj Mohan Sirkar, Special Forest Officer

DIRECTORATE OF HEALTH SERVICES
Writers' Buildings, Calcutta

Director of Health Services, Dr B C Das Gupta, B Sc, M B (Cal), M R C P (Ireland), D T M & H (Lond), D P H (Lond)
Dy Director of Health Services (Admn), Dr H K Indra, M B, D O (Lond)
Dy Director of Health Services (Medical Relief), Dr D P Dutta, M B (Cal), M R C P (Edin), D T M & H (Lond), D P H (Lond)
Dy Director of Health Services (Accts Audit and Verification), K S Mitra, M B F B A, A S A A (Lond), A I B A (Ind)

ELECTRICITY DEVELOPMENT
4, Hastings Street, Calcutta 1

Chief Electrical Engineer and Electrical Adviser to Government, A K Bhaumik, B Sc (Cal.), B.Sc (Eng) (Lond), M I E E
Divisional Engineers, M P Ghose, B E E, A M I E (Ind), Dr M Datta, M Sc (Cal), M Sc Tech (Manch), Ph D (Edin), A M I E E, J K Roy, B E E, A M A I E, A M I E (Ind) M Bhattacharya, B Sc (Eng), A M I E B N Choudhury, B Sc, B E, A M I E (Ind)
Assistant Divisional Engineers, R C Seal, Dip E M E, R C Guha, B Sc (Hons), A M A I E E, B N Dutt, B E, A M I E (Ind), A K Ganguly, B E E, G r I E E (Lond), J C Gazdar, L E
Assistant Engineers, M C Bhowmick B E, B K Banerjee, B E, A M I E (Ind), M K Roy, B E E, R N Mitra B E E K P Sen, B E E, J N Sen, B E E, S N Chatterjee, B E E, A Roy Choudhury, B E E, J N Banerjee, B Sc, B E E, S K Biswas, B E E
Accounts Officer, A K Sircar, B Sc, G D A
Audit Officer, D N Das Gupta, B A, B Com, C A (Passed), A A I A (Lond)

EXCISE DIRECTORATE

Commissioner of Excise, K P Sen, M A, I A S
Deputy Commissioner of Excise and Collector of Excise, Calcutta, M P Sen, B A
Deputy Commissioner of Excise, Distilleries, Warehouses and Preventive, A K Chakraborty, M A
Personal Assistant to the Commissioner of Excise, J Roy, M A
Superintendent of Excise, C D D and E I B Calcutta, J M Pal, B A
Superintendent of Excise, Calcutta North, A K Sen, M A
Superintendent of Excise, Calcutta South, A Matlab, B A
Superintendent of Excise, Foreign Liquor, Calcutta, M L Chatterjee, B L
Superintendent of Excise, Calcutta Distilleries and Warehouse, D C Sen, M Sc

INCOME TAX DEPARTMENT

Commissioner of Income tax, West Bengal, A C Bose
Commissioner of Income-tax, Calcutta, (Additional Charge), A C Bose
Public Relations Officer, P K Sen Gupta
Inspecting Assistant Commissioner of Income tax Headquarters, Calcutta, A De
Inspecting Assistant Commissioner of Income tax Headquarters, West Bengal, B M Mitter

INDUSTRIAL TRIBUNAL

Judges, G Palit, S C Mukherjee, M L Chakraborty, J N Maitra, M C Banerjee, M. N Gan

LABOUR DEPARTMENT

Labour Commissioner, Registrar of Trade Unions, Chief Inspector of Shops and Establishments, B N Bose, M A., I A S
Chief Inspector of Factories, A D Joardar M I E

LABOUR DIRECTORATE
Clive Bldgs, Netaji Subhas Road, Calcutta

Labour Commissioner & Registrar of Trade Unions, B. N Bose, M A, I A S
Deputy Labour Commissioners, Dwijottam Chatterjee, B A., S N Chatterjee, B A
Assistant Labour Commissioners, Quader Nowaz B A, Dip S W, S N Roy, M A, Dip S W, H M Ghose, M A, Dip S W, B K Bose, M A, B L, W B J C S, Dip S W, K C Das Gupta, M A, W B J C S Dip S W, A R Ghosh, B A, W B C S, Srimati Parul Chakraborty, M A, C A P (Cal), M A (Edin), H K Biswas, M A, B L, Dip S W, Chittaranjan Gautam, M Sc

IRRIGATION DEPARTMENT
Writers Buildings Calcutta 1

Secretary K Sen, I C S
Secretary, ex-Officio & Administrator Mayurakshi Reservoir Project, A B Ganguli, I C S
Deputy Secretary, B K Adhikari, W B C S
Assistant Secretary, J C Talapatra
Assistant Secretary, ex Officio and Special Officer, Code Revision, A K Bhattacharyya
Chief Engineer, Irrigation, G B Mondal, I S E

LAND ACQUISITION OFFICE
5, Bankshall Street Calcutta

1st *Land Acquisition Collector Calcutta*, Sailendra Nath Mitra, I A S
2nd *Land Acquisition Collector, Calcutta*, Sudhangsu Bimal Das Gupta, W B C S
Additional Land Acquisition Officers, Calcutta, Sailesh Chandra Chatterjee, W B C S Dinesh Chandra Chanda, W B J C S Subodh Kumar Ghosh, W B J C S
Superintendent Gopal Ch Basu B A, B L

OFFICE OF THE DIRECTOR OF LAND RECORDS AND SURVEYS
Alipore, Calcutta

Director of Land Records and Surveys, Dinesh Chandra Gupta, I A S
Addl Director of Land Records and Surveys Manishi Mohan Sen, I C S
Personal Assistant to the Director of Land Records and Surveys, Satyendra Nath Banerji (Deputy Magistrate and Deputy Collector)
Officer in Charge, West Bengal Drawing Office and Traverse Party, Abani Kumar Sen Gupta (Survey of India Class I Officer)
Asstt Officer in charge West Bengal Drawing Office and Traverse Party Bholanath Chatterji (Sub Deputy Collector and Sub Deputy Magistrate)
Asstt Survey Officer, West Bengal Drawing Office and Traverse Party, Amar Ganguly
Head Assistant Directorate of Land Records and Surveys Anil Chandra Banerji

OFFICE OF THE ADMINISTRATOR-GENERAL AND OFFICIAL TRUSTEE
1, Council House Street, Calcutta

Administrator General and Official Trustee S K Sen, B L, Solicitor
Dy Administrator General and Official Trustee, B M Mandal, Barrister at Law
Superintendent, Saroje Kumar Chandra, B A

OFFICE OF THE INSPECTOR-GENERAL OF POLICE
Writers Buildings Calcutta 1

Inspector General of Police, H N Sircar, J P I P
Asstt Inspector General of Police, B Chatterjee, J P, I P
Asstt Inspector General of Police, B G Mukharji, I P S (Retd)
Registrar, West Bengal Police Directorate, B C Mukharji, B Sc
Dy Inspector General of Police Central Range H L Saha, I P
Dy Inspector General of Police, I B C I D West Bengal, A N Gongulee, J P, I.P
Dy Inspector General of Police, Western Range, S M Ghosh, I P
Dy Inspector-General of Police, Armed Forces, West Bengal, M A H Maswood, I P
Dy Inspector-General of Police, Northern Range, D G Bhattacharyya, J P, I P

OFFICE OF THE POLICE MAGISTRATE,
Sealdah

Police Magistrate, B C Ghosh, M Sc, B C S
Dy Magistrate, Addl Police Magistrate D D Majumder
Sub Magistrate, Addl Police Magistrate, B N Basu
Sub-Dy Magistrate, Addl Police Magistrate, D C Pal
Honorary Magistrate, Addl Police Magistrate, H L Sen

OFFICE OF THE SUPERINTENDENT, ALIPORE CENTRAL JAIL
Alipore

Superintendent, H W Shea
Deputy Superintendent, K N Das Gupta
Jailor, G K Mukherjee
Medical Officer, Dr P C Chakravarti

PRISONS DIRECTORATE
Writers Buildings Calcutta 1

Inspector General of Prisons, Dr P K Biswas, M B
Personal Assistant, Dhirendra Chandra Mukherjee, B A
Travelling Auditor, B S Venugopal
Head Assistants, Lalana Ranjan Bose, B Sc, Nikhil Ranjan Guha Thakurta

PUBLIC HEALTH ENGINEERING
P 11, Mission Row Extension, Calcutta 1

Chief Engineer, P C Bose B Sc (Glas), M I E (Ind), F N I
Executive Engineer, East Circle, S N Das, B Sc (Cal), A M I E (Ind)
Executive Engineer, West Circle G N Mitra, B E, A M I E (Ind)
Executive Engineer, Kanchrapra Development Area Division, S N Basak, B E, C E A M I E (Ind)
Executive Engineer, Distressed Area Division A K Banerjee, B Sc B E A M I E (Ind)
Executive Engineer, Community Development Project P H Engineering S K Mazumder, B E C E, A M I E (Ind)
Irrigation Engineer P K Chatterjee B E, A M I E (Ind)

PUBLIC SERVICES COMMISSION

Chairman, S Basu, I C S
Members, A T Sen, M Sc Ph D (Lond), S K Majumder I A S (Retd)
Secretary, S C Chowdhury, M A B L
Asstt Secretary, P N Ghose, M A
Superintendent, S Bose, B A

REGISTRAR OF JOINT STOCK COMPANIES
P 29, Mission Row Extension, Calcutta

Registrar of Joint Stock Companies B P Roy, B A, B L F C A
Asstt Registrar of Joint Stock Companies R C Majumder, B A, A C A

SENIOR ELECTRICAL ENGINEER, P & T
(Telegraph Storeyard, Alipore)

Senior Electrical Engineer, Sitansu K Roy B E
Junior Electrical Engineer A Subramanian, M A, Grad I E E
Assistant Engineers, S N Chatterjee B Sc B Sc (Eng), A M I E K P Das B Sc G Subramanian, B Sc (Hons), A M A I E E, M I R E E J V Annaswamy B Sc (Hons), A K Shome, B Sc, K N Sarbadhikary

WEST BENGAL BOILER SERVICE

Chief Inspector of Boilers, Calcutta and ex Officio Chairman, Board of Examiners, under Bengal Boiler Attendant Rules and West Bengal Boiler Engineers Examination Rules, S N Sen Gupta, B Sc (Cal), B Sc (Glas), C P E (Glas), A M I Mech E (Lond), etc

WEST BENGAL FIRE SERVICES

13 D, Free School Street, Calcutta

Director C M Gogerly, A M I Fire E
Dy Director A V Murray
Equipment Officer P Roy, B A, A M I Fire E
Personal Asstt to Director, N C Sen Gupta
Divisional Officer S Bose
Divisional Officer S C Das Gupta
Divisional Officer, S C Chatterjee, Grad I Fire E
Divisional Officer I Brain
Chief Engineer, M L Banerjee
Assessing and Legal Officer, S N Ghosh B L
Fire Protection Officers I P Mukherjee, B A, P N Ghosh, M A R S Gupta B Sc A M I Fire E Dip S W P Chatterjee, Grad I Fire E

WEST BENGAL GOVERNMENT PRESS

38 Gopalnagar Road Alipore, Calcutta 27

Superintendent, Govt Printing, West Bengal, A K Guha, M A B Com
Dy Superintendent (Adm), Govt Printing, West Bengal A N Mitra M A
Dy Superintendents, Govt Printing, West Bengal, S K Choudhury M Sc D N Banerjee B A
Labour Welfare Officer, A L Mukherjee B I Dip S W (Cal)

HIGH COURT

Chief Justice, Phani Bhusan Chakravarthi M A L L B
Puisne Judges, Gopendra Nath Das, M A, L L B, Rama Prasad Mookerjee, M A L L B Kamal Chunder Chunder, B A (Cal) M A (Oxon) I C S Bar at Law Kuladа Charan Das Gupta M A I C S Bar at Law Surajit Chandra Lahiri M A L L B Subodh Ranjan Das Gupta, Bar at Law, Prasanta Bihari Mukarji Bar at Law Amal Kumar Sarkar, Bar at Law Jyoti Prakash Mitter M A (Oxon) Bar at Law Bijan Kanta Guha, I C S Himansu Kumar Bose Bar at Law R S Bachawat Bar at Law Deep Narayan Sinha Bar at Law Paresh Nath Mookerjee M A, L L B Sailendra Nath Guha Roy I C S Sisir Kumar Sen M A (Pun) I C S Benupada Mukherjee, M A L L B Debabrata Mookerjee M A, L L B, Gopendra Krishna Mitter Bar at Law

CORPORATION OF CALCUTTA

Mayor Naresh Nath Mookerjee
Dy Mayor, Purnendu Sekhar Basu
Commissioner B K Sen
Dy Commissioners, A K Bysack, Lokenath Bal
Secretary B Ghosh
Chief Engineer A K Sen
Executive Engineer, Water Works Puri Das Ghose
City Architect P Guha
Health Officer, Dr J P Choudhury

Councillors*

Rabindra Mohan Chatterjee (1), Ganapati Sur (2) Sudha Sankar Singh (3) Nandalal Banerjee (4) Dulal Chandra Mukherjee (5) Dr G C Datta (6), Ranajit Coomar Mitter (7), B K Sarkar (8) Dr Bhupendra Nath Bose (9) Amarendra Nath Ghose (10), Dr Kripabindu Chakrabarty (11), Sudhir Chandra Mukherjee (12) Pannalal Das (13) Indu Bhusan Banerjee (14), Bhabesh Chandra Dass (15), Sambhu Nath Barick (16), Tulsi Ch Pal (17), Kamal Krishna Paul (18) Krishna Chandra Bysack (19), Gobindo Chandra Dey (20) Badridas Burman (21), Kesto Chandra Kundu (22), Rouf Ansari (23), Dr Sudhangsu Kumar Sett (24) Tulsiram Saraogi (25) Jamnadas Thaker (26), Kishori Lal Dhandhania (27) Keshab Chandra Basu (28), J K Chaudhury (29) Barendra Krishna Daw (30), Dr K P Ghosh (31) Nandadulal Shimany (32) Sachindra Nath Sinha (33) Shiv Kumar Khanna (34) Dr Sukhabehari Mukherji (35), Panchanan Sarcar (36), Durlav Chandra Majumdar (37), Rajendra Nath Mazumdar (38), Dharam Chand Saraugi (39) Dr Esmail Ebrahim (40), Sri Debendra Lal Dutt (41), Indra Bhusan Beed (42), Kissan Ch Baral (43), Sudhangsu Shekhar Mitra (44), Dhirendra Nath Dhar (45), Radhika Nath Basu (46) Dr L M Bhattacherji (47), Bankim Chandra Sarkar (48), Amulya Charan Sirkar (49) Benoy Lal Ghose (50), Karam Hossain (51) Jogindra Lal Saha (52), Md Ahir (53), Dhirendra Nath Bose (54), Naresh Nath Mookerjee (Mayor 55), Ratan Manick Chatterjee (56), Md Zakir (57), Sushil Kr Roy (58), Bejoy Kr Banerjee (59) Md Abu Nesar (60), Anil Maitra (61) Shyamal Kumar Dutta (62), Sri Debojyoti Barman (63) Dr Birendra Ch Basu (64) Dr Parimal Kumar Sen Gupta (65) Chittaranjan Chatterjee (66) Kumar Benoyendra Deb Rai (67), Dr P K Roy Chowdhury (68), Subrata Kr Sen Sarma (69), Dhirendra Nath Ghosh (70) Phani Bhusan Pal (71) Mani Sanyal (72), Gahar Alam Shami (73) Brojendra Nath Banerjee (74) Usha Nath Sen (75), S K Gupta I C S Chairman, Calcutta Improvement Trust (*ex officio*)

Aldermen

Satis Chandra Ghosh, Purnendu Sekhar Basu (*Deputy Mayor*) Biswanath Mukherjee Prabhu Dayal Himatsingka Dr Amar Nath Mukherjee

CORPORATION FREE DISPENSARIES

ALIPORE DISPENSARY 42, Judges Court Road
BALLAKHANA DISPENSARY, 92, Baitakkhana Road
BALLYGUNGE DISPENSARY, 23, Rustomji Street
BHOWANIPORE DISPENSARY 56 Harish Mukherji Road
CENTRAL DISPENSARY (CENTRAL MUNICIPAL OFFICE) 5, Surendra Nath Banerjee Road
CHETLA DISPENSARY, 29 5, Chetla Central Road
CHITPORE DISPENSARY, 3, Gopal Ch Mukherji Road
CHITTARANJAN UNANI DISPENSARY, 4, Kanai Seal Street
COBRA DISPENSARY, 58 Christopher Road
HATIBAGAN DISPENSARY, 72/1, Grey Street
JOGENDRA HOMES DISPENSARY, 84, Shambazar Street
KALIGHAT DISPENSARY, 240, Kalighat Road
KIDDERPORE DISPENSARY, 36, Pipe Road
MANSATOLA DISPENSARY, 6, Mansatola Lane
NARKOLDANGA DISPENSARY, 109, Narkoldanga Main Road
PALTA PUMPING STATION DISPENSARY, Palta
PALTA PUMPING STATION DISPENSARY, 69 Barackpore Trunk Road
TALPOLA DISPENSARY, 58, Lower Circular Road
TANGRA DISPENSARY, 25, Chingrihatta Road
ULTA DANGA DISPENSARY, 123, Ultadanga Main Road

CORPORATION MATERNITY HOMES

Baldeodas Maternity Home, 22, Nimoni Mitra Street
Chetla Maternity Home, 10, Moyerpore Road
Kidderpore Maternity Home, 58, Ekbalpore Road
Manicktola Maternity Home, 237F, Manicktola Main Road

CORPORATION MATERNITY UNITS

Unit I 32/10 Beadon Street
Unit II, 26/9/1A, Harrison Road
Unit IIIA, 13 Police Hospital Road
Unit IIIB, 47/1C, Hazra Road
Unit IVA, 5D, Kali Temple Road
Unit IVB, 10/1, Mominpore Road
Manicktola Unit, 24B, Narkoldanga Main Road, 19/1, Ultadanga Main Road
Cossipore Unit, 67/1E, Barrackpore Trunk Road

CALCUTTA IMPROVEMENT TRUST

10, Netaji Subhas Road, Calcutta 1

Chairman S K Gupta, I C S
Chief Engineer, W H Prosser
Dy Engineer, N R Das
Chief Valuer H C Mukerji
Dy Valuer, B C Ghose
Law Officer, B K Ghosh
Estates Officer H N Gupta
Accountant B C Mukherjee
Secretary and Chief Accountant I K Roy Chaudhuri

CALCUTTA IMPROVEMENT TRUST TRIBUNAL

6, Hastings Street

President, Panchkari Sarkar, M A, B L
Assessors, Radhanath Das B L, M L A Nutbehari Datta, M A, B L
Superintendent, H Maitra

GOVERNMENT OF INDIA OFFICES, CALCUTTA

ACCOUNTANT-GENERAL

A G West Bengal K C Chaudhuri
Dy Acctt General (Sr) P C Haldar
Dy Acctt Genl (Works) J Chakravarty
Exmr O A D S K Sarkar
Asstt Acctt General C S Venugopala Rao
Asstt Exmr O A D, M Prem Kumar
Exmr I A D G B Singh
Asstt Accountant General, H K Maitra

POSTS AND TELEGRAPHS

Postmaster General, N C Das
Director Postal Services S C Dutt
Director, Postal Services S C Sen Gupta
Presidency Postmaster, V J Iyer
Director of Telegraphs, S C Chatterjee

General Post Office, Calcutta, Calcutta

Presidency Postmaster Calcutta, V J Iyer, B A
Deputy Presidency Postmaster, P C Mukherjee, B A
Asstt Presidency Postmaster, M O Deptt., B C Biswas, B A
Asstt Presidency Postmaster Registration Deptt, R C Mukherjee, B A
Asstt Presidency Postmaster, Delivery Deptt, A N Bhattacharjee, B A
Asstt Presidency Postmaster, Savings Bank Deptt, J N Das, M A
Asstt Presidency Postmaster Parcel Deptt, J M Banerjee
Treasurer, Calcutta G P O, P D Dutta, B A
Accountant, Calcutta G P O, B K Ghosh
Manager Money Order Deptt, G P O, A C Roy Choudhury, B A

R M S., H-Division, Calcutta, Calcutta

Superintendent, R M S, H Division, Calcutta, P K Mukarjea, B A
Asstt Superintendent R C Majumdar, B A
Asstt Superintendent, R M S, Sealdah, A K Sinha B A
Head Record Clerk, R M S, H Division, Calcutta, J L Mukherjee, B A
Inspector, R M S, H 1st Sub Dn, Calcutta, S N Bhattacharjee, B Com

CENTRAL EXCISE

Collector of Central Excise & Land Customs, D P Anand, B A (Hons)
Headquarters Assistant, Kshitindra Nath Sen Gupta, B A
Assistant Collector of Central Excise, Ajit Kumar Roy, B Sc (Hons)
Assistant Collector of Land Customs Division, Subodh Kumar Bhattacharjee, B A (Hons).

* Number in brackets shows the number of the constituency

CUSTOM HOUSE
Calcutta

Collector of Customs B N Banerji, M A, B Sc
Asstt Collector of Customs and Superintendent of Preventive Service, S Venkatesan, M A
Asstt Collectors, M G Mathur, M A, B Dc C M Manson, A K Banerjee, M A, LL B M R Ramachandran, M A, B B Gujral, M A, LL M, R C Misra, M A, LL B, E A D Souza B E, W J Cousins, D N Mehta B A, J Datta, B com
Chemical Examiner (Gr I), Manohar Lal M Sc
Asstt Chemical Examiner, N K Choudhury, A H B T I A M I Chem E F I C
Chief Accounts Officer, P N Sen, M A
Principal Appraisers, R Sircar, D Borthwick, R N Banerji, B Sc, B N Dutt, P M Chatterjee, B Sc I R E E D Perris C A Decitholts, S C Ghose, B Sc (Glasgow), S K Chatterji, B A (Cal), B Sc (Econ) (Lond), G Hodges, P Burman B A (Hons), K I Mehta, B A
Chief Inspector, J P Smith

OFFICE OF THE COMMISSIONER OF INCOME-TAX (CENTRAL) CALCUTTA
Raja Chambers, 4, Hastings Street Calcutta

Commissioner of Income tax (Central), Calcutta cum Assam, Manipur and Tripura P Mukherji, B A
Inspecting Assistant Commissioner of Income tax (Central), Calcutta, P K Chatterjee, B Sc, B L, A C A
Income tax Officer, Central Circle I, Calcutta, K Srinivasan, B A
Income tax Officer, Central Circle II Calcutta, A Baksi, M A
Income tax Officer, Central Circle III, Calcutta, Harihar Lal M A (Hist and Eng)
Income tax Officer Central Circle IV, Calcutta N G Das Gupta, B Sc
Income tax Officer Central Circle I, Calcutta, A Chaudhury M A (Com)
Income tax Officer, Central Circle II Calcutta, B Abraham M A B T
Income tax Officer, Central Circle III, Calcutta, S K Basu, M A
Income tax Officer, Central Circle VIII, Calcutta, R N Bose B A, A C A

OFFICE OF THE HEALTH OFFICER
The Commissioners for the Port of Calcutta, No 3 Gate, K P Docks, Kidderpore, Calcutta 23

Health Officer Dr Kamal Krishna Sinha
Asstt Health Officer, Dr Rash Behari Ghosh
Inoculation Officer, Dr Sushil K Mondal
Lady Inoculation Officer, Dr (Miss) Premlata Mudgill

OFFICE OF THE PROTECTOR OF EMIGRANTS
7, Hare Street, Calcutta

Protector of Emigrants Calcutta Emigration Agent for British Guiana, Trinidad, Fiji, Mauritius and the Union of South Africa at Calcutta D C Mukherjee, M Sc B T
Personal Assistant, Haradhan Mukherjee, B com
Accountant, B Roy Chowdhury

EASTERN RAILWAY
General Manager, P C Mukerjee
Chief Engineer, P C Chakravarti
Controller of Stores, Gurban Singh

BANKURA DISTRICT
Area of the District—2,658 sq miles
Population—1,319,259
Names of talukas (subdivisions) Bankura, Sadar and Vishnupur
Main agricultural products paddy, sugarcane and pulses
Main industrial products small scale industry—handloom, bell metal, conch shell, silk, shoe making

ADMINISTRATION
Collector and District Magistrate M A T Iyengar, I C S
District Agricultural Officer, H L Roy Chowdhury
District Co operative Officer, Anil Kumar Sen, M A
District Engineer, Bholanath Mazumdar (Offg)
Divisional Forest Officer, A B Rudra
District Health Officer, S K Singha
District Medical Officer (Civil Surgeon), S C Mazumdar
District and Sessions Judge, Upendra Narayan Mazumdar
District Superintendent of Police, Satyendra Ch De Choudhury, M A
Inspector of Schools, P Chowdhury

BIRBHUM DISTRICT
Area of the District—1,743 sq miles
Population—1,066,889
Names of subdivisions - Sadar (Suri) and Rampurhat
Main agricultural products paddy, pulses and sugarcane
Main industrial products Products of cottage industries Tasar, cotton cloth and bell metal utensils, and products of other industries—rice and oil from mills driven by steam power

ADMINISTRATION
Collector and District Magistrate, M C Mukharji, I A S
Supdt of Agriculture J Bhowmik
Asstt Registrar of Co operative Societies, A K Sen
District Engineer R Banerjee
District Health Officer, Dr S Mandal
Civil Surgeon, Dr S Bose
District and Sessions Judge, H C Ghosh
Superintendent of Police, P K Mukherji
District Inspector of Schools S N Ganguly

BURDWAN DISTRICT
Area of the district—2,705 sq miles
Population—2,191,667
Names of talukas there are 4 sub divisions, *viz*, Sadar, Kalna, Katwa and Asansol
Main agricultural products—Paddy, jute, potato, grams, sugarcane
Main industrial products—Iron and steel, coal, aluminium, clay potteries

ADMINISTRATION
Collector and District Magistrate, S N Banerji, I A S
Addl District Magistrate, S C Basu I A S
Superintendent of Agriculture S R Mukherji
Asstt Registrar of Co operative Societies, B B Mitra
District Engineer P K Pal B E
Divl Forest Officer, K Lahiri
District Health Officer, Dr N Ganguly
Civil Surgeon, Dr S N Choudhury
Commercial Sales Tax Officer J B Ganguly
District and Sessions Judge, A B Ganguli
Superintendent of Police, K C Basu
Agricultural Income tax Officers, P K Sen, S Singha Ray
Inspector of Schools, A K Gupta
Superintendent of Fisheries P K Chakrabarty
Executive Engineer, Damodar Canal, B K Basu

COOCH-BEHAR DISTRICT
Area of the District—1,334 sq miles
Population—671,158
Number of talukas—1,329
Main agricultural products —paddy, jute, tobacco and mustard
Main industrial products —plywood, jute bale pressing, rice mills, bidi making handloom industries

ADMINISTRATION
Deputy Commissioner, P C Majumdar M A, I A S
Superintendent of Agriculture, Niranjan Sen
Inspector of Co operative Societies, Protap Sankar Bagchi
Executive Engineer, Cooch Behar Division, R C Bose
Divisional Forest Officer, Cooch Behar Division, S Mishra
District Health Officer, G Sen
Civil Surgeon, M P Talukdar
Commercial Tax Officer, N C Bose
District Civil and Sessions Judge, M N Mukherjee
Superintendent of Police, A R Samajdar
Income Tax Officer S C Chakraborty
District Inspector of Schools, S C Mukherjee

DARJEELING DISTRICT
Area of the District—1 1997 sq miles
Population, 445,260
Names of subdivisions Sadar, Kurseong, Siliguri and Kalimpong
Main agricultural products Potatoes, Oranges Cardamom, Chirata Cabbages, Cauliflower Tomatoes, Peas and Beans
Main industrial products Tea, Quinine and Wool

ADMINISTRATION
Deputy Commissioner, S Dutt Mazumdar I A S
Superintendent of Agriculture S C Nag Biswas
Assistant Registrar, Co operative Societies C B Kumal
District Engineer, S N Pradhan
Conservator of Forests, N C, I C Nath, I F S
District Health Officer, S C Paul (Captain)
District and Sessions Judge, R N Ray
Superintendent of Police B Bagchi I P S
Inspector of Schools, R C Chatterjee

HOOGHLY DISTRICT
Area of the district of Hooghly—1,208 4 sq miles
Population—1,954,320
Main agricultural products Rice, Jute, Pulses, Potatoes
Main industrial products Cotton goods, Jute goods Paper and Rubber goods of Dunlop Rubber Company

ADMINISTRATION
District Magistrate and Collector, Chinsurah S K Halder, I C S
Subdivisional Agricultural Officer, Sadar, S K Khasnabis
Inspector of Co op Societies, Sadar Upendra Kumar Das
District Engineer, Debendra Nath Banerjee (*Offg*)
Dist Health Officer, Dr P K Biswas M B D P H
Dist Medical Officer (Civil Surgeon, Hooghly), Dr S R Sen (*Acting C S*)
Dist and Sessions Judge Prosad Chandra Banerjee
Supdt of Police, J P Banerjee
Dist Inspector of Schools S K Mukherjee M A B T

HOWRAH DISTRICT
Area of the district—568 sq miles
Population—1,611,373
Main agricultural product Paddy
Main industrial products Jute and Iron

ADMINISTRATION
Collector and District Magistrate, S Mullick I C S
Superintendent of Agriculture, B Bhownick
Asstt Registrar of Co operative Societies F Hossain
District Engineers C Joardar S Mukherji
District Health Officer, Dr U Banerji
District Medical Officer, Dr A B Banerji (Civil Surgeon)
District and Sessions Judge, G P Mukherji
District Superintendent of Police, D Dhar, I P
Inspector of Schools, K B Majumdar

JALPAIGURI DISTRICT
Area of the district—2,378 3 sq miles
Population—914,538
Main agricultural products and industrial products Tea

ADMINISTRATION

Deputy Commissioner and District Magistrate, R Banerjee, I A S
District Agricultural Officer, S Maitra
District Co operative Officer, G B Rai (Inspector of Co operative Societies)
District Engineer N B Chakraborty
District Forest Officers, J K Ganguly, W B S F S (Divisional Forest Officer, Jalpaiguri), S Misra W B S F S (Divisional Forest Officer, Cooch Behar) M M Sarker, S F S (Divisional Forest Officer, Buxar)
District Medical Officer Dr P Bhattacherjee M B B S (Civil Surgeon)
District Sales Tax Officer, A C Das Gupta
District and Sessions Judge, R N Roy
District Supdt of Police, H K Ray, I P S
Income tax Officer A K Mukherjee
Inspector of Schools, S Chatterjee

MIDNAPUR DISTRICT

Area of the district, 5,258 1 sq miles
Population of the district, 3,359,022
Names of Talukas and Taluka headquarters There are about 10,000 Mohals (estates)
Main agricultural products Rice (Pulses Peas, Sugar cane etc are the minor products)
Main industrial products, Hand loom cloth (Mats bell metals, combing, etc are the minor products)

ADMINISTRATION

Collector and District Magistrate, B I Ghosh I A S
Additional Collector and District Magistrate Mohini Mohan Kusary I A S
Senior Dy Collector, Monomohan Sircar
Supdt of Agriculture B C Sen
Asstt Registrar of Co operative Societies, Nripendra Lal Dutta Gupta
District Engineer, Hara Kumar Dutta
Divisional Forest Officer, A C Gupta, I F S
District Health Officer, Dr Hemanta Kumar Singha Roy
Civil Surgeon, S Bhattacharjee
District Commercial Officer, Banamali Prosad Saha
District and Sessions Judge Manindra Mohan Bhattacharya
District Supdt of Police, R K Gupta, I P, J P
Addl Supdt of Police S K Mitra, I P S
Income-tax Officer, D Goswami
District Inspector of Schools, Sunil Kumar Banerjee
Subdivisional Officer, Sadar (North), S Dutta
Subdivisional Officer, Sadar (South), K C Ghosal
Executive Engineer, Midnapur Division, Phanindra Chandra Roy
Executive Engineer (East) J K Roy
Executive Engineer (West) K D Dutta
Executive Engineer Construction S C Bose
Addl Civil Surgeon, Dr N C Das Gupta

MURSHIDABAD DISTRICT

Area of the district, 2 072 1 sq miles
Population 1,715,759
Names of Talukas (Subdivisions) Berhampur (Sadar), Lalbagh, Kandi and Jangipur
Main agricultural products Paddy and Jute
Main industrial products Bell-metal works, Ivory works and Silk Industries

ADMINISTRATION

District Magistrate and Collector, I C Talukdar I A S
Additional District Magistrate and Collector, S K Mukherjee, I A S
Superintendent of Agriculture, U K Nath Roy
Assistant Registrar of Co operative Societies, D R Mukherjee
District Engineer, S Mukherjee
District Health Officer, Dr B G Das
Civil Surgeon, Dr H K Datta
District and Sessions Judge, S C Dutta
District Superintendent of Police, K B Chakravorty
Income tax Officer, A K Banerjee
District Inspector of Schools, S Roy
District Inspectress of Schools, Sm M Halder
District Publicity Officer, P Banerjee
Dy Director of Sericulture Dr D P Roy Choudhury
Superintendent of Post Offices K Miller
Executive Engineer Berhampur Division, H K Sethna
Executive Engineer Construction Division, B B Das Gupta
Executive Engineer, Irrigation Division S K Paul

NADIA DISTRICT

Area of the District—1,509 sq miles
Population—1,144,924
Principal agricultural products—Rice, other cereals and pulses, jute, fodder and oil seeds, sugarcane, fruits and vegetables
Principal industrial products—Cotton weaving, brass and bell metal, pottery, sugar manufacture, oil industry, etc

ADMINISTRATION

Collector, B R Gupta, I A S
District Agricultural Officer, Anath Bandhu Mitra (Superintendent of Agriculture, Nadia)
District Co operative Officer Santi Ranjan Bhattacherjee (Asstt Registrar of Co operative Societies)
District Forest Officer P K Roy (Divisional Forest Officer, Nadia)
District Health Officer, Dr T B Chatterjee (Sub Divisional Health Officer Nadia)
District Medical Officer, Dr N C Dewan (Civil Surgeon Nadia)
District Sales Tax Officers S C Addya S C Sen
District and Sessions Judge, Niranjan Banerjee
District Superintendent of Police, Tarak Nath Banerjee
District Inspector of Schools, K R Banerjee

24 PARGANAS DISTRICT

Area of the District—5,639 9 sq miles
Population—4,609,309
Names of Subdivisions—Alipur, Barrackpore, Baraset, Basirhat, Bongaon and Diamond Harbour
Main agricultural product—Paddy

ADMINISTRATION

Collector and District Magistrate, B K Banerji, I A S
District Agricultural Officer, P Roy
District Co-operative Officer, M N Moitra
District Engineer, S N Ghosh
District Forest Officer, N Pal
District Health Officer, Dr H P Brahma
District Medical Officer, Dr B K Das
District Sales Tax Officer, C K Paul
District and Sessions Judge, J C Mazumdar
District Superintendent of Police, P K Basu
Inspector of Schools, S C Sen

WEST DINAJPUR DISTRICT

Area of the District—1,384 8 sq miles
Population 720 573
Names of Subdivisions—Balurghat and Raiganj
Main agricultural products—The principal crops are winter rice (haimantic or aman) jute, Autumn or Bhadoi rice, rape and mustard, sugarcane, cold weather crops such as pulses, tobacco and vegetables, chillies, an important crop in Kaliaganj P S of this district
Main industrial products—Rice milling, cottage industry such as bidi manufacturing rope making, cotton spinning and weaving, jute pressing and weaving

ADMINISTRATION

Collector and District Magistrate, S K Banerjee
Subdivisional Officer, Sadar, S M Mukherjee
Subdivisional Officer, Raiganj, A K Mukherji,
Superintendent of Agriculture, N Ray Choudhury
Asstt Registrar, Co-operative Societies, J K Sen Gupta
Subdivisional Health Officer, K K Chakravorty
District Medical Officer C R Dutta
District and Sessions Judge (Jalpaiguri, Darjeeling West Dinajpur and Malda) R N Roy
District Superintendent of Police, A B Chakravorty
Inspector of Schools, S K Dhar
A R C P, A K Banerjee
District Sub Registrar, S K Ghosh
Superintendent of Excise, S K Bandopadhaya
District Publicity Officer, J K Chakravorty
District Health Officer, A C Mitra
Addl District Sessions Judge, Malda and West Dinajpur, B C Banik
(Particulars from the Districts of Calcutta and Malda had not been received when this section went to press)

EDUCATIONAL INSTITUTIONS

University of Calcutta

Chancellor, Dr H C Mookerjee M A, Ph D (Governor of West Bengal)
Vice Chancellor, S N Banerjee, M Sc, L L B, Barrister at Law
Registrar Dr Suchamay Datta, D Sc (Lond), D I C F N I

DEANS OF FACULTIES

Arts, Professor Srikumar Banerjee, M A L L B, Ph D
Science Professor Satyendranath Bose M Sc
Law, S N Banerjee, M Sc, L L B, Barrister at Law
Medicine, Dr Lalit Mohan Banerjee, M S (Cal), F R C S (Eng)
Engineering, Dr S R Sengupta B Sc, Ph D (Glas) M Am Soc C E, A Am Soc M E, M I A E Sc, M I E (Ind)
Technology, Prof S K Mitra, D Sc, F N I

PROFESSORS

Sanskrit, Dr S K Mukherjee, M A, Ph D (Asutosh Professor)
Islamic Studies, Dr M Z Siddiqui, M A, L L B, Ph D (Cantab) (Asutosh Professor)
History, Dr I Banerjee, M A, Ph D (Asutosh Professor)
Ancient Indian History and Culture Prof J N Banerjee, M A, Ph D (Carmichael Professor and Prof Stella Kramrisch, M A, Ph D)
Philosophy, Prof S K Maitra, M A, Ph D (Acharyya Brojendranath Seal Professor)
English, Dr Mohinimohan Bhattacharyya, M A, L L B, Ph D (Sir Gooroodas Banerjee Professor)
Economics, Dr J P Niyogi, M A, Ph D (Lond)
Fine Arts, Dr N R Ray, M A, D Lit, Phil (Leyden), Dip Lib (Lond), F L A (Rani Bageswari Professor of Indian Fine Arts)
Physics, Dr Meghnad Saha, D Sc, F R S (Palit Professor), Dr Sisir Kumar Mitra, D Sc, F N I (Ghose Professor), S N Bose, M Sc (Khaira Professor)
Applied Physics, Dr P C Mahanti, D Sc, F Inst P (Ghose Professor)
Chemistry, Prof P R Ray, M A, F N I (Palit Professor) Dr P B Sarkar, M.Sc, D Sc, F N I (Ghose Professor), Dr J C Bardhan, D Sc (Cal & Lond) (Khaira Professor)
Applied Chemistry, Dr B C Guha, D Sc (Lond), Ph D (on leave), Dr M N Goswami, M A, Dr Es Sc (Actg) (Ghose Professor)
Agricultural Chemistry (Vacant) (Sir P C Ray Professor)
Psychology, Dr S C Mitra, M A, D Phil (Leipzig)
Mathematics, Dr Haridas Bagchi, M A., Ph D (Hardinge Professor), B M Sen, M A (Cantab), M Sc (Emeritus)
Applied Mathematics, Dr Nikhilranjan Sen, M A, Ph D, D Sc (Ghose Professor)

Zoology, Dr Himadri Coomar Mookerjee, D Sc (Lond), D I C (Sir Niiratan Sircar Professor)
Botany, Dr P C Sarbadhikari, D Sc (Lond), Ph D (Lond), D I C , F L S (Ghose Professor)
Indian Languages and Phonetics, Dr Suniti Kumar Chatterjee, M A , D Litt (Emeritus Professor)
Agriculture, Dr P K Sen M Sc , Ph D (Lond), D I C (Khaira Professor)
Anthropology, Kshitisprasad Chattopadhyay, M Sc (Cantab)
Modern Indian Languages, Prof S K Banerjee M A LL B , Ph D (Ramtanu Lahiri Professor)
Pali, Dr N Dutt, M A , LL B , Ph D , D Phil
Physiology, Dr B B Sarkar D Sc , F R S E
Political Science, D N Banerjee M A (Surendra nath Banerjee Professor)
Geography, Dr S P Chatterjee, M Sc , Ph D (Lond), T D (Lond), F C S
Geology Prof N N Chatterjee M Sc

COLLEGES

Note Institutions for women are shown in italics

Government Arts Colleges

PRESIDENCY COLLEGE, 86/1 College Street Calcutta
SANSKRIT COLLEGE 1, Bankim Chatterjee Street, Calcutta
CENTRAL CALCUTTA COLLEGE 8, Wellesley Street, Calcutta
HOOGHLY MOHSIN COLLEGE, Chinsurah Hooghly
KRISHNANAGAR COLLEGE Krishnanagar
VICTORIA COLLEGE, Cooch Behar
DARJEELING GOVERNMENT COLLEGE Darjeeling
VICTORIA INSTITUTION (Intermediate Classes attached) Dow Hill Kurseong
BETHUNE COLLEGE, 181 *Cornwallis Street Calcutta LADY BRABOURNE COLLEGE* P1 2 *Suhrawardy Avenue Calcutta*

Non-Government Arts Colleges (permanently aided by Government)

CITY COLLEGE, 102/1, Amherst Street, Calcutta (Girls' Section aided by Government)
SCOTTISH CHURCH COLLEGE, 4 Cornwallis Square, Calcutta
ST PAUL'S CATHEDRAL MISSION COLLEGE, 33/1 Amherst Street, Calcutta
ST XAVIER'S COLLEGE 30, Park Street Calcutta
NARASINGHA DUTTA COLLEGE, 129 Belilios Road, Howrah
RAMKRISHNA MISSION VIDYAMANDIR Belur Math, Howrah
RAMSADAY COLLEGE Amta Howrah
SERAMPORE COLLEGE, Serampore, Hooghly
UTTARPARA COLLEGE, Uttarpara, Hooghly
ASANSOL COLLEGE, Asansol Burdwan
KRISHNA CHANDRA COLLEGE Hetampore, Birbhum
VIDYASAGAR COLLEGE, Suri, Birbhum
BANKURA CHRISTIAN COLLEGE, Bankura
RAMANANDA COLLEGE, Vishnupur Bankura
MIDNAPUR COLLEGE, Midnapur
PROVAT KUMAR COLLEGE Contai Midnapur
KRISHNATH COLLEGE, Berhampur
MALDA COLLEGE, Malda
ANANDA CHANDRA COLLEGE Jalpaiguri
MURALIDHAR GIRLS COLLEGE, Ballygunge, Calcutta
SOUTH CALCUTTA GIRLS COLLEGE, 21, *Shamananda Road, Calcutta*
VICTORIA INSTITUTION, 78B, *Upper Circular Road, Calcutta*
BERHAMPUR GIRLS COLLEGE, Berhampur

Non-Government Arts Colleges

CHARU CHANDRA COLLEGE, 6, Sarat Chatterjee Avenue, Calcutta
NETAJI SUBHAS COLLEGE, 227/2, Lower Circular Road, Calcutta
SHIBPUR DINABANDHU INSTITUTION, 412/1, Grand Trunk Road, Howrah
NETAJI MAHAVIDAYLAYA Arambagh, Hooghly
KALNA COLLEGE, Kalna, Burdwan
KATWA COLLEGE Katwa, Burdwan
SHAMSUNDAR COLLEGE, Aharbelma Burdwan
GARBETA COLLEGE, Garbeta, Midnapur
MAHISADAL RAJ COLLEGE Mahisadal, Midnapur
TAMLUK TAMRALIPTA MAHAVIDYALAYA Midnapur
BASIRHAT COLLEGE Basirhat 24-Parganas
BONGAON DINABANDHU MAHAVIDYALAYA Bongaon, 24 Parganas
GOBARDANGA HINDU COLLEGE Gobardanga 24-Parganas
RISHI BANKIM CHANDRA COLLEGE, Naihati 24, Parganas
SANTIPUR COLLEGE Santipur Nadia
BALURGHAT COLLEGE Balurghat, West Dinajpur
RAIGANJ COLLEGE Raiganj West Dinajpur
WOMEN'S CHRISTIAN COLLEGE, 6, *Greek Church Road, Calcutta*
WOMEN'S COLLEGE 204, *Cornwallis Street Calcutta*
HOWRAH GIRLS COLLEGE, Howrah
HOOGHLY WOMEN'S COLLEGE Chinsurah Hooghly

Unaided Colleges

ASHUTOSH COLLEGE, 7, Russa Road Calcutta
BANGABASI COLLEGE, 25/1, Scott Lane Calcutta
LA MARTINIERE COLLEGE, 11 London Street Calcutta
MAHARAJA MANINDRA CHANDRA COLLEGE 20 Ramkanta Bose Street Calcutta
R G KAR MEDICAL COLLEGE 1 Sc Department, 1 Belgachia Road, Calcutta
SETH ANANDARAM JAIPURIA COLLEGE, 10 Raja Nabakishen Street Calcutta
ST JOSEPH'S COLLEGE, 69, Bowbazar Street Calcutta
SURENDRA NATH COLLEGE, 24, Harrison Road Calcutta
VIDYASAGAR COLLEGE, 39, Sankar Ghosh Lane, Calcutta
ULUBERIA COLLEGE Uluberia Howrah
BURDWAN RAJ COLLEGE Burdwan
VISVA-BHARATI SANTINIKETAN Birbhum
BANKURA SAMMILANI COLLEGE, Bankura
JHARGRAM AGRICULTURAL COLLEGE Jhargram Midnapur
KHARAGPUR COLLEGE, Kharagpur Midnapur
FAKIR CHAND COLLEGE, Diamond Harbour, 24 Parganas
VIDYASAGAR COLLEGE Nabadwip Nadia
SCOTTISH UNIVERSITIES MISSION COLLEGE, Kalimpong Darjeeling
SONADA SALESIAN COLLEGE, Sonada Darjeeling
ST JOSEPH'S COLLEGE, Darjeeling
ST PAUL'S COLLEGE Jalapahar, Darjeeling
GOKHALE MEMORIAL GIRLS COLLEGE 1/1, *Harish Mukherjee Road, Calcutta*
LORETO HOUSE (for Girls), 7, *Middleton Row, Calcutta*
ST HELEN'S COLLEGE, Kurseong, Darjeeling
* CHANDERNAGORE COLLEGE, Chandernagore Hooghly
* IMPHAL DHANAMANJURI COLLEGE, Imphal Manipur
* AGARTALA MAHARAJA BIR BIKRAM COLLEGE, Agartala Tripura State
SRIPAT SINGH COLLEGE, Jiaganj, Murshidabad

*Affiliated to Calcutta University.

Professional Colleges—Training Colleges

Government

DAVID HARE TRAINING COLLEGE 25/3, Ballygunge Circular Road, Calcutta
COLLEGE OF PHYSICAL EDUCATION FOR MEN, 30, Kankurgachi 3rd Lane, Narkeldanga, Calcutta
BAIGACHI BASIC (PRIMARY) TRAINING COLLEGE, Post Office Tababeria, 24, Parganas
BASIC (PRIMARY) TRAINING COLLEGE FOR WOMEN, Hastings House Calcutta

Aided

BERHAMPORE UNION CHRISTIAN TRAINING COLLEGE, Berhampore
TRAINING CLASS ATTACHED TO THE SCOTTISH CHURCH COLLEGE (FOR GIRLS) 4 *Cornwallis Square, Calcutta*

Unaided

TRAINING CLASSES ATTACHED TO LORETO HOUSE (FOR GIRLS) 7 *Middleton Row Calcutta*
UNIVERSITY TEACHERS TRAINING DEPARTMENT, 95, Russa Road, Calcutta

Engineering

Government

BENGAL ENGINEERING COLLEGE Post Office Botanic Garden Howrah

Aided

COLLEGE OF ENGINEERING AND TECHNOLOGY Jadavpur (affiliated to National Council of Education)

Medical

Government

NILRATAN SIRCAR MEDICAL COLLEGE, 138, Lower Circular Road, Calcutta
LAKE MEDICAL COLLEGE Southern Avenue, Calcutta
MEDICAL COLLEGE 88, College Street, Calcutta
SCHOOL OF TROPICAL MEDICINE, Central Avenue, Calcutta

Veterinary

VETERINARY COLLEGE Belgachia, Calcutta

Private

R G KAR MEDICAL COLLEGE, 1 Belgachia Road Calcutta
CALCUTTA NATIONAL MEDICAL INSTITUTION, 32 Gorachand Road, Calcutta
SURENDRA NATH LAW COLLEGE 24, Harrison Road, Calcutta
UNIVERSITY LAW COLLEGE Calcutta

SPECIAL INSTITUTIONS

Government

GOVERNMENT COMMERCIAL INSTITUTE, 15, Netaji Subhas Road Calcutta
GOVERNMENT SCHOOL OF ART 28 Chowringhee Road Calcutta
BAIGACHI GOVERNMENT BASIC TRAINING SCHOOL, No 1, Post Office Tababeria, 24, Parganas
BAIGACHI GOVERNMENT BASIC TRAINING SCHOOL, No 2, Post Office Tababeria, 24, Parganas

TECHNICAL AND INDUSTRIAL INSTITUTIONS

MAHARAJA COSSIMBAZAR POLYTECHNIC INSTITUTE 3, Nanda Lal Bose Lane, Calcutta
CALCUTTA DEAF AND DUMB SCHOOL, 203, Upper Circular Road Calcutta
BHARATI VIDYALAYA, 15/2 Beadon Street, Calcutta
MUSLIM ORPHANAGE INDUSTRIAL SCHOOL, 8, Syed Saleh Lane Calcutta
KARAYA INDUSTRIAL SCHOOL, 8, Nasiruddin Road, Calcutta
CALCUTTA ORPHANAGE TECHNICAL SCHOOL 1/1 Balaram Ghose Street
THE REFUGEE, 125, Bowbazar Street, Calcutta
ALL-INDIA LIGHT HOUSE FOR THE BLIND 27 Russa Road
L M S BOYS INDUSTRIAL SCHOOL, Kaurapukur Tollygunge

ST GABRIEL'S INDUSTRIAL SCHOOL, Canning 24, Parganas
CALCUTTA BLIND SCHOOL, Behala, 24, Parganas
SRIRAM INDUSTRIAL SCHOOL Sultanpur, Birbhum
DEAF AND DUMB SCHOOL, Suri, Birbhum
BENGAL AFTER CARE ASSOCIATION, Bally, Howrah
B P TECHNICAL SCHOOL, Krishnanagar
DEAF AND DUMB SCHOOL Murshidabad
MOBERLY TECHNICAL SCHOOL, Hooghly
MALIARA INDUSTRIAL SCHOOL, Bankura
COLLEGE OF AERONAUTICAL SERVICES, P 37 Mission Row Extension, Calcutta 13
BANIPITH GIRLS INDUSTRIAL SCHOOL, 57/3 Raja Dinendra Street, Calcutta
BANI MANDIR GIRLS' INDUSTRIAL SCHOOL 2, Williams Lane, Calcutta
BALLYGUNGE SILPA VIDYALAYA, 14, *Ballygunge Place Calcutta*
DESHABANDHU SILPA SIKSHALAYA, 124/1, *Russa Road, Calcutta*
SHAMSIA GIRLS INDUSTRIAL SCHOOL, 6 Palm Avenue Ballygunge Calcutta
MUSLIM GIRLS FREE INDUSTRIAL SCHOOL, 52/1D, *Bright Street Calcutta*
LORETO CONVENT INDUSTRIAL SCHOOL, Mograpar Mograhat 24 Parganas
VAGINI NIVEDITA GIRLS INDUSTRIAL SCHOOL Uttarpara Hooghly
MISSION GIRLS INDUSTRIAL SCHOOL, Bankura
KRISHNANAGAR MAHILA SAMITI, Krishnanagar
R C GIRLS INDUSTRIAL SCHOOL, Nabadwip

GOVERNMENT-SPONSORED TECHNICAL SCHOOLS

KALIKATA SHILPA VIDYAPITH, 13, Jamir Lane Ballygunge, Calcutta 19
VISHNUPUR K G ENGINEERING INSTITUTE, Post Office Vishnupur, Bankura
THE MAHARAJADHIRAJ SIR BEJOY CHAND INSTITUTE OF ENGINEERING AND TECHNOLOGY, Burdwan

HIGH SCHOOLS

Note —* indicates ' Provisionally recognised
M T - Manual Training Class attached and
S F -School Final Class attached
Institutions for women are shown in Italics

Government High Schools, Calcutta

BALLYGUNGE HIGH SCHOOL (M T) Ballygunge 38/2 Beltola Road
BETHUNE COLLEGIATE SCHOOL FOR GIRLS 181 *Cornwallis Street*
CALCUTTA MADRASAH (ANGLO PERSIAN DEPARTMENT) 21, Wellesley Square
HARE SCHOOL 87 College Street
HINDU SCHOOL 87 College Street
SAKHAWAT MEMORIAL GIRLS HIGH SCHOOL 17, *Lord Sinha Road*
SANSKRIT COLLEGIATE SCHOOL, 1, Bankim Chatterjee Street

Aided High Schools, Calcutta

ARYA VIDYALAYA, 19 Cornwallis Street *
ADARSHA VIDYAMANDIR, 52 Mirjapur Street *
ANJUMAN BOYS HIGH SCHOOL, 31, Mafidul Islam Lane *
ADIMAHAKALI PATHSALA GIRLS SCHOOL 35C, *Karbala Bose Street* *
ANJUMAN GIRLS SCHOOL, 20, *Noor Ali Lane Entally* *
BAGBAZAR HIGH SCHOOL, 29A, Bose Para Lane
BRAHMO BOYS HIGH SCHOOL, 31, Jhamapukur Lane
BHUNATH MAHAMAYA HIGH SCHOOL, 9, Tengra Road
BALLYGANJ JAGABANDHU INSTITUTION, 25, Fern Road, Ballyganj
BELGACHIA MANOHAR ACADEMY (M T), 5/1, Olai Chandi Road, Belgachhia
BALLYGANJ GIRLS HIGH SCHOOL, 14, *Ballygany Place* *
BRAHMO GIRLS SCHOOL 294, *Upper Circular Road*
BANKIM GHOSE MEMORIAL GIRLS SCHOOL, 22A & B, Mohan Chand Road, Kidderpore *
BANIPITH GIRLS SCHOOL, 57/3, *Raja Dinendra Street* *
B M S GIRLS SCHOOL, 84, *Dr Suresh Sarkar Road, Entally* *
BINAPANI GIRLS SCHOOL, 49/2A *Beadon Row* *
BELTALA GIRLS SCHOOL, 17, *Beltala Road*
BANI MANDIR GIRLS HIGH SCHOOL, 2, Williams Lane
CATHEDRAL MISSION HIGH SCHOOL 46, Elgin Road
COSSIPORE HARI SANKAR BANIPITH, 20/1, Ratan Babu Road, Cossipore *
CALCUTTA GIRLS ACADEMY, 22/2, Fern Road Ballygany
CHETLA GIRLS SCHOOL, 66/1, *Joynuddin Mistri Lane* *
DESHAPRAN BIRENDRA NATH INSTITUTION 3 Rajani Sen Road *
DESHAPRAN BIRENDRA NATH INSTITUTION FOR GIRLS, 34/35 *Russa Road* *
DESHBANDHU BALIKA VIDYALAYA 58/A, *Sadananda Road, Kalighat* *
GOKHALE MEMORIAL GIRLS SCHOOL 1/1A, *Harish Mukherjee Road* *
ISLAMIA HIGH SCHOOL, 44, Beniapukur Road *
JEEVA SHIVA MISSION GIRLS SCHOOL 11/3, *Christopher Road* *
KHALSA HIGH SCHOOL, 73, Paddapukur Road *
KESHAB ACADEMY, 148, Ramdulal Sarkar Street
KHIDERPORE MILANI HIGH SCHOOL 8/1 Braunfield Row Mominpur *
KALIDHAN INSTITUTION FOR GIRLS, 204 *d B, Southern Avenue* *
KAMALA GIRLS SCHOOL 19 *Deshapriya Park Road* *
KUMUDINI KANYA VIDYALAYA 5/1 *Olai Chandi Lane Belgachhia* *
LAKE VIEW HIGH SCHOOL 69 South End Park Post Office Ballygunj *
LAKE SCHOOL FOR GIRLS, 159 *Lansdowne Road* *
MAHARAJA COSSIMBAZAR POLYTECHNIC INSTITUTE (M T) 3, Nandalal Bose Lane
MAHENDRA SRIMANI SRI VIDYANIKETAN 26 Nilmoni Mitra Street *
MATHURANATH HIGH SCHOOL, 21 Dr Suresh Sarkar Road *
MURALIDHAR GIRLS SCHOOL, 4, *Hindusthan Road* *
MAHAJATI SEVAK SAMITI GIRLS SCHOOL 83C, *Durga Charan Mitra Street* *
NARI SIKSHA MANDIR 181, *Cornwallis Street* *
PRESIDENCY MUSLIM HIGH SCHOOL, 26, Zakariah Street *
PROFULLA PRATAP VIDYAYATAN, 116A Mechuabazar Street *
PARK CIRCUS HIGH SCHOOL, 72, Beck Bagan Row *
PEARI CHARAN GIRLS SCHOOL, 146, *Taral Pramanik Road* *
PRESIDENCY SCHOOL FOR GIRLS, 4/20 *Fern Road, Ballygany* *
RAJENDRA VIDYA BHABAN (SOUTHERN ACADEMY) 113A & B, Russa Road *
RANI BHABANI HIGH SCHOOL, 16A & B, D L Roy Street
RAM KRISHNA MISSION NIVEDITA GIRLS SCHOOL, 5, *Nivedita Lane, Bag bazar* *
SHYAMBAZAR A V HIGH SCHOOL, 126, Shyambazar Street
SHYAMBAZAR HIGH SCHOOL, 17A, Santi Ghose Street *
ST PAUL'S HIGH SCHOOL, 33/1, Amherst Street *
SOUTH CALCUTTA NATIONAL HIGH SCHOOL, 3, Lansdowne Lane *
ST BARNABAS HIGH SCHOOL, 21 Dent Mission Road, Khiderpore
ST MARY'S GIRLS' SCHOOL, 1, *Convent Lane* *
SAROJINI HINDU GIRLS' SCHOOL, 8, *Muddle Road* *
SIR R C MITTER GIRLS SCHOOL, 15, *Jogesh Mutter Road Bhowanipur* *
SHYAMBAZAR BALIKA VIDYALAYA, 45, *Bose Para Lane* *
SURA KANYA VIDYALAYA, *27A, Hara Mohan Ghose Lane, Behaghata* *
ST MARGARET GIRLS SCHOOL, 19, *Duff Street*
ST JOHN'S DIOCESAN GIRLS SCHOOL, 17 *Lansdowne Road*
SISHU VIDYAPITH GIRLS SCHOOL, 22, *Tarak Dutta Road* *
SUNITI SIKSHALAYA, 148, *Ramdulal Sarkar Street* *
UNITED MISSIONARY GIRLS' SCHOOL, 3, *Ashutosh Mukherjee Road*
VIDYABHABAN HIGH SCHOOL 30/1, Beadon Row *
VICTORIA INSTITUTION, 78B, *Upper Circular Road*

Unaided High Schools, Calcutta

ATHENIUM INSTITUTION 100A, Garpar Road *
ANGLO GUZRATI SCHOOL, 28 Pollock Street *
ADARSHA HINDI HIGH SCHOOL, 4, Paddapukur Road *
A C VIDYAMANDIR, 109/2 Lake Road
A T MITRA INSTITUTION, 56C, Garcha Road
ARYA KANYA MAHAVIDYALAYA 20, *Cornwallis Street* *
ADARSHA HINDI GIRLS SCHOOL, 4, *Paddapukur Road* *
BHARATI BOYS HIGH SCHOOL 1 Gour Chandra Laha Street *
BOW BAZAR HIGH SCHOOL 170, Bow Bazar Street
BANGABASHI COLLEGIATE SCHOOL 8/1, St James Square
BENIAPUKUR VIDYAPITH 31, Linton Street *
BELIAGHATA DESHBANDHU HIGH SCHOOL, 69B Sura First Lane *
BHARATI GIRLS SCHOOL, 1 *Gour Laha Street* *
BELIAGHATA DESHBANDHU GIRLS SCHOOL 9 *Raja Rajendra Lal Mitra Road* *
BHARATI VIDYALAYA (BOYS), 35/2, Beadon Street
BHARATI MAHAVIDYALAYA GIRLS SCHOOL, 170, *Manicktala Street* *
CENTRAL COLLEGIATE SCHOOL, 23/5A, Roy Bagan Lane
CALCUTTA JUBILEE INSTITUTION, 66, Masjidbari Street *
CALCUTTA ACADEMY, 72 Amherst Street *
CALCUTTA HINDU ACADEMY, 50, Amherst Street
CALCUTTA TRAINING ACADEMY, 13, Simla Street
CITY COLLEGIATE SCHOOL, 13, Mirzapur Street
CHANDI CHARAN HIGH SCHOOL, 97/1, Sarpentine Lane *
COLLIN'S INSTITUTION, 140, Dharamtala Street
CHAKRABERIA HIGH SCHOOL, 23/1, Chakraberia Road (South) *
CHETLA BOYS HIGH SCHOOL, 29/2, Chetla Central Road
COSSIPUR INSTITUTION, 15/1, Ratan Babu Road *
COSSIPUR INSTITUTION FOR GIRLS, 15/1, *Ratan Babu Road* *
CALCUTTA GIRLS' HIGH SCHOOL, 152, *Dharamtala Street*
DIDOO MOHESWARI VIDYALAYA, 377B, Upper Chitpur Road *
ENTALLY ACADEMY, 53, Police Hospital Road, Entally

GOPESWAR DUTTA FREE HIGH SCHOOL, 57B, Barrackpore Trunk Road
GIRINDRA BALIKA VIDYALAYA, 170, *Bowbazar Street* *
HARA NATH FREE HIGH SCHOOL, 78, Bagbazar Street *
HINDI HIGH SCHOOL, 1, Lower Circular Road *
KAMALA HIGH SCHOOL, 28, W C Banerjee Road
KALIGHAT HIGH SCHOOL, 50, Mohim Halder Street
KALIGHAT ORIENTAL ACADEMY, 1, Apurba Kumar Mitra Road *
KIDDERPORE ACADEMY, 35, Ramkamal Street
KALIDHAN INSTITUTION, 20A & B, Southern Avenue
KALIGHAT TIRTHAPATI INSTITUTION 142/1 Rashbehari Avenue *
KUMAR ASHUTOSH INSTITUTION, 93, South Sinthee Road *
KUMAR ASHUTOSH INSTITUTION (PADDAPARA BRANCH) 34 Raja Manindra Street *
KALIGHAT MAHAKALI PATHSALA, 46 *Mohim Halder Street* *
LORETO HOUSE, 7 *Middleton Row*
LORETO DAY SCHOOL FOR GIRLS, 122 *Lower Circular Road* *
LORETO DAY SCHOOL FOR GIRLS, 65, *Bowbazar Street* *
LAKE VIEW SCHOOL FOR GIRLS 65, *South End Park Ballygunj* *
METROPOLITAN INSTITUTION (MAIN), 39, Sankar Ghose Lane
MANIKTALA HIGH SCHOOL 58/4A, Raja Dinendra Street *
METROPOLITAN INSTITUTION (BARA BAZAR BRANCH) 10 Prasanna Kumar Tagore Street
M I JUBILEE INSTITUTION, 29, Mirzapur Street
MITRA INSTITUTION (MAIN) 69, Mirzapur Street
MITRA INSTITUTION (BHOWANIPUR BRANCH) 16A Balaram Ghat Road
MADHUSUDAN VIDYAPITH, 86, College Street *
METROPOLITAN INSTITUTION (BOW BAZAR BRANCH) 39 Creek Row *
MODERN SCHOOL 2A & B North Range *
MODEL HIGH SCHOOL 1 Lansdowne Lane *
MOHINI MOHAN UCHCHA VIDYALAYA 16M Dover Lane *
MOMIN HIGH SCHOOL 50 Charakdanga Road *
MARWARI BALIKA VIDYALAYA 29, *Bansdola Lane Barrabazar* *
METROPOLITAN INSTITUTION (GIRLS SECTION) 39 *Sankar Ghose Lane* *
MANIKPAL GIRLS SCHOOL 58/4A, *Raja Dinendra Street* *
NASERUDDIN MEMORIAL HIGH SCHOOL, 29 Kansaripara Road Bhowanipur *
NATIONAL HIGH SCHOOL 164, Lansdowne Road *
NARKELDANGA GEORGE HIGH SCHOOL, 50 Charakdanga Road
ORIENTAL SEMINARY, 336, Upper Chitpur Road
ORIENTAL TRAINING ACADEMY, 4/1, Wellington Square *
ORIENTAL GIRLS SCHOOL 336 *Upper Chitpur Road* *
PARK INSTITUTION, 12 Mohan Lal Street
PUDDOPUKUR INSTITUTION, 44, Lansdowne Road
RANI RASHMONI HIGH SCHOOL, 65A, Surendra Nath Banerjee Road *
RAMRICK INSTITUTION, 20 Justice Dwarka Nath Road *
RAJA MANINDRA MEMORIAL HIGH SCHOOL, 59, Barrackpur Trunk Road *
RAMJOY SEAL SISHU PATHSALA, 15/4, *Fakir Chakrabarty Lane* *
SHYAMBAZAR VIDYASAGAR HIGH SCHOOL, 100, Shyambazar Street *
SAILENDRA SARKAR INSTITUTION, 62A, Shyampukur Street
SARADA CHARAN ARYAN INSTITUTION, 296B Upper Chitpur Road
SCOTTISH CHURCH COLLEGIATE SCHOOL, 73, Cornwallis Street
SADHAK RAM PROSAD HIGH SCHOOL, 39, Grey Street *
SHYAMAPADA INSTITUTION, 206, Vivekananda Road *
SREE MAHESWARI VIDYALAYA, 4, Sova Ram Basak Street *
SEAL'S FREE HIGH SCHOOL, 127, Chittaranjan Avenue
SREE VISUDDHANANDA SARASWATI VIDYALAYA 160A, Chittaranjan Avenue
SARASWAT KSHATRIYA VIDYALAYA, 4, Barman Street *
SRI SANATAN DHARMA VIDYALAYA, 4D, Mechuabazar Street *
SURENDRA NATH COLLEGIATE SCHOOL, 24 Harrison Road
ST ANTHONY'S HIGH SCHOOL, 19, Market Street
ST XAVIER'S COLLEGIATE SCHOOL, 30, Park Street
SOUTH SUBURBAN SCHOOL (MAIN), 1 & 16, Gopal Banerjee Street
SOUTH SUBURBAN SCHOOL (BRANCH), 110 Lansdowne Road
SATYABHAMA INSTITUTION FOR BOYS, 41A Ekdalia Road *
ST LAWRENCE HIGH SCHOOL, 27 Ballygunj Circular Road
SAHANAGORE HIGH SCHOOL 38, Tollygunj Circular Road *
SABITRI SIKSHALAYA 3 *Nandalal Bose Lane Baghbazar* *
SARASWATI BALIKA VIDYALAYA 4, 15/2, *Balaram Ghose Street* *
TOWN SCHOOL 33 Shyampukur Street
TALTOLA HIGH SCHOOL, 55A, Surendra Nath Banerjee Road
ULTADANGA UNITED HIGH SCHOOL 23A, Ultadanga Road *
VICTORIA GIRLS SCHOOL 226 *Russa Road Calcutta* *
YOUR OWN HOME 38B, Raja Dinendra Street *

ANGLO-INDIAN HIGH SCHOOLS

Calcutta

ST JOSEPH'S COLLEGE 69 Bowbazar Street (Aided)
LA MARTINIERE (BOYS) 11 Loudon Street Calcutta (Aided) *
ARMENIAN COLLEGE AND PHILANTHROPIC ACADEMY 10 Hungerford Street Calcutta (Unaided)
CALCUTTA BOYS SCHOOL 72 Corporation Street Calcutta (Aided)
ST THOMAS BOYS SCHOOL 4 Diamond Harbour Road Kidderpore, Calcutta (Aided) *
ST THOMAS GIRLS SCHOOL, 4 *Diamond Harbour Road, Kidderpore, Calcutta* (*Aided*) *
LORETO CONVENT 1, *Convent Lane Entally, Calcutta* (*Aided*) *
ST JAMES SCHOOL 165 Lower Circular Road, Entally Calcutta (Aided) *
ST PAUL'S MISSION SCHOOL, 5 Scotts Lane Calcutta (Aided)
LORETO DAY SCHOOL, 65, Bowbazar Street Calcutta (Aided) *
LORETO DAY SCHOOL, 122, Lower Circular Road, Calcutta (Aided) *

Burdwan

ST PATRICK'S SCHOOL, Asansol Burdwan (Aided) *
ST VINCENT DE PAUL'S SCHOOL Asansol Burdwan (Aided)

Darjeeling

VICTORIA BOYS SCHOOL, Kurseong, Darjeeling (Government) *
ST PAUL'S SCHOOL, Jalapahar, Darjeeling (Aided) *
ST HELEN'S CONVENT SCHOOL, Kurseong Darjeeling (*Aided*) *
ST JOSEPH'S COLLEGE, North Point, Darjeeling (Unaided) *
DR GRAHAM'S HOME, Kalimpong, Darjeeling (Aided) *

VISVA-BHARATI UNIVERSITY

Santiniketan, West Bangal

AIMS AND OBJECTS To study the mind of Man in its realization of different aspects of truth from diverse points of view

And with such ideals in view to provide at Santiniketan a centre of culture where research into and study of the religion, literature, history, science and art of Hindu, Buddhist Jain, Islamic, Sikh, Christian and other civilizations may be pursued along with the culture of the West, with that simplicity in externals which is necessary for true spiritual realization, in amity good fellowship and co operation between the thinkers and scholars of both Eastern and Western countries, free from all antagonisms of race, nationality, creed or caste

Visva Bharati is an all India institution with students and teachers drawn from all over India and there is always a fair mingling of teachers, students and visitors from abroad Students live a community life, dining in the same halls (with separate arrangements for vegetarians and non vegetarians) playing in the same spacious play grounds close to the hostels organizing common socials picnics excursions, literary and musical entertainments

Besides a central general library (containing about 100 000 volumes), there are sectional libraries attached to various departments The University has its own hospital with a medical officer and his assistants The Guest House, which makes catering arrangements of its own, is open to visitors and guardians

Besides the academic institutions the University conducts two Departments one for Rural Reconstruction and the other for Publication of Books The Palli Samgathana Vibhaga (Rural Reconstruction Institute) at Sriniketan is concerned mainly with a comprehensive study of the problems of rural life in its social cultural, economic and other aspects and extension work in the villages The Institute maintains a model primary school for rural children a teachers training school for serving primary education in rural areas as well as an agency for propagation of folk education and social education There is a section for rural industries where training is provided to apprentices in a variety of crafts

Chancellor Jawaharlal Nehru

Vice Chancellor Rathindranath Tagore B Sc (Illinois)

Registrar Nisikanta Sen M A

Principals

Vidyabhavana Dr Prabodh Chandra Bagchi Dr es lettres (Paris)

Sikshabhavana, Hirendranath Datta M A (offg)

Sangitbhavana Sailajaranjan Majumdar, M Sc

Kalabhavana, Surendranath Kar

Pathabhavana, Gopal K Chatterji M Ed

Vinayabhavana Kulada Prasad Chaudhuri M A, Ph D (Lond) (offg)

Cheenabhavana, Tan Yun Shan

Hindibhavana, Mohanlal Bajpai, M A (offg)

Director, Rural Reconstruction Institute Dhirananda Roy

Director, Publishing Department, Charuchandra Bhattacharya, M A

Librarian, Central Library Prabhat Kumar Mukherji

* Affiliated to Calcutta University

SOCIETIES, ASSOCIATIONS AND OTHER INSTITUTIONS

AGRICULTURAL AND HORTICULTURAL SOCIETY (OF INDIA, CALCUTTA)

Patron —The President of the Republic of India

Vice-Patron —His Excellency the Governor of West Bengal

General Objects and Utility —The development of horticulture in India and the encouragement, promotion, extension and improvement thereof in all its branches

Member, Annual subscription Rs 40. Entrance fee Rs 10 Associate, Entrance fee Rs. 5, Annual subscription Rs 20, Life Membership Rs 500 *Secretary* 8 Percy-Lancaster, F.L.S., F.R.H.S., M.R.A.S., 1, Alipore Road, Alipore

AKHIL BHARAT LOK BRATI SANGH

(79 3/A, Lower Circular Road, Calcutta 14)

Object Social Service

Life President Dr H Mukerji M D

Founder and Working President, Dr Shankar Mukerji

General Secretary, Mr Amiya K Ganguli, M A, B I

ALL BENGAL TEACHERS ASSOCIATION

15, Bankim Chatterjee Street Calcutta 12

Nature of Body Educational

Office Bearers, Manoranjan Sen Gupta (*President*), Satyapriya Roy (*Hony General Secretary*), Srimati Anila Devi (*Editor Teachers' Journal*)

ALL INDIA MARWARI FEDERATION

152 B, Harrison Road Calcutta 7

Nature of Body Social

Office Bearers, Brij Lal Biyani (*President*) Iswar Das Jalan (*Vice President*) Nand Kishore Jalan (*General Secretary*) (*Hony*)

ALL INDIA S P C A

276 Bow Bazar Street, Calcutta

Nature of Body Animal Welfare

Office Bearers K L Jatia (*President*) Sir S N Roy and K Lyne (*Vice Presidents*) Leslie W Newbond (*Secretary*)

ARYA SAMAJ

19 Cornwallis Street Calcutta

Nature of Body Religious

Office Bearers, Raghunandan Lal (*President*) Guman Singh (*Secretary*), S M Ghiya (*Treasurer*)

ARYA SAMITY

Arya Samity Road Behala Calcutta 34

Nature of Body Philanthropic

Office Bearers President, D N Dhar, F R G S M R P S (Lond) *Jt Secretaries* L G Haldar and Sree Gopal Mukerji, *Treasurer*, Sudhir Biswas

ASIATIC SOCIETY

1 Park Street Calcutta 16

Nature of Body Cultural and Scientific

Office Bearers President, Dr S K Chatterji M A, D Lit, F A S, *General Secretary* Prof J M Sen, B Sc, M Ed, T D, Dip Ed, F R G S, F N I *Treasurer*, Dr K N Bagchi, B Sc M B, D T M, F R I C, F N I

ASWINI KUMAR INSTITUTE

5, Janak Road, Calcutta 29

Nature of Body Cultural and Social

Office Bearers President Judge (Rtd), S N Guha, *Vice-President*, Dr S K Dutt, Bar-at-Law, *General Secretary*, J C Guha, M A, L L B

BENGAL LIBRARY ASSOCIATION

Central Library Calcutta University, Ashutosh Building, Calcutta 12

Nature of Body Social

Office Bearers Patron Dr H C Mukherjee, Governor West Bengal *President*, Dr Niharranjan Ray, *Secretary* Pramil Chandra Bose

BENGAL MASONIC ASSOCIATION

Freemasons' Hall, 19, Park Street, Calcutta

Nature of Body Educating Children of Indigent Freemasons

Office Bearers, A Barr Pollock (*President*) R D Lemmon (*Chairman*) Guy D Robinson (*Hon Secretary*)

BHARAT SCOUTS AND GUIDES

5 Government Place North Calcutta 1

Nature of Body Social and Boy Scouts

Office Bearers, Dr Parimal Roy M A Ph D (Lond) (*State Chief Commissioner*), Sachindra Nath Banerjee, M A, L L B (*State Commissioner*) Saroj Ghosh, B A, I L B D C C (*State Secretary*)

BHARAT SEVASRAM SANGHA

211, Rash Behari Avenue Calcutta 19

Nature of Body Cultural and Social

Office Bearers Founder Acharyya Swami Pranabanandaji Maharaj *President* Swami Satchidanandaji *General Secretary*, Swami Vedanandaji Maharaj

BIBLE SOCIETY OF INDIA, PAKISTAN AND CEYLON

(CALCUTTA AUXILIARY)

23 Chowringhee, Calcutta 13

Office Bearers President, A D Khan, I C S *Secretary and Treasurer* David Featherstone, M A, *Women's Branch Secretary* Mrs David Featherstone, B A

BLANKET AND SHAWL TRADERS ASSOCIATION

To protect the legitimate interests and rights of merchants dealing in piece-goods, particularly blankets and shawls in co operation with Government

President B N Bhiwaniwalla

Secretary J N Varma M A, F R E C S (Lond)

Address 30, Cotton Street Calcutta 7

BRITISH INDIAN ASSOCIATION

18 British Indian Street, Calcutta 1

Nature of Body Social

Office Bearers Sir Uday Chand Mahtab K C I E Maharajadhiraja Bahadur of Burdwan (*President*) Sir Bijoy Prosad Singh Roy, K C I E, Kt (*Vice President*), P N Singh Roy (*Hony Secretary*)

CALCUTTA PINJRAPOLE SOCIETY

34, Armenian Street, Calcutta

Office Bearers President Iswariprasad Goenka *General Secretary* Chhotaylall Kanoria *General Manager*, B D Sadani

CALCUTTA TRADES ASSOCIATION

18 H, Park Street, Stephen Court, Calcutta 16

CALEDONIAN SOCIETY

16, Strand Road, Calcutta 1

Nature of Body Charitable Society

Office Bearers W F Howe (*President*), Dr W G Macmillan and H B Scott, M C, C B E (*Vice Presidents*) J A Irons and A Y Thomson (*Joint Hony Secretaries and Treasurers*)

CATHOLIC ASSOCIATION OF BENGAL

3 Dhurumtolla Street, Calcutta 13

Nature of Body Social

Office Bearers R J N Maher (*President*), J A Lewis (*Hony General Secretary*), A N Greene (*Hony Treasurer*)

CHRISTIAN SCIENCE SOCIETY

Block B, 30 Chowringhee Mansions, Calcutta

Nature of Body Religious

CITIZEN'S INSTITUTE

Sett Villa 3, Dwarik Ganguly Street Calcutta 26

Nature of Body Social and Cultural

Office Bearers President, Faquir Chand Sett, *Hony General Secretary*, D B Pramanick

CONVENTION OF THE TEACHERS OF THE DEAF IN INDIA

50, Bondel Road, Ballygunj, Calcutta 19

Aims and Objects —To urge for compulsory education for the deaf mute, To stimulate public interest, Removal of legal disabilities of the deaf mute Research in all matters concerning the deaf mute Re settlement of the deaf mute

A quarterly journal *The Deaf in India*, subsidised by the Government of India is published by the Convention The income is mainly from membership, subscriptions donations and grants from the Government which comes to about Rs 5,000

President Bhupati Majumdar

Hony Treasurer Nalin Chandra Paul, M A B L

Hony General Secretary Dr S N Banerji

Editors of the Journal A C Sen, B K Chakravarti

COUNCIL OF Y M C A'S OF INDIA, PAKISTAN AND CEYLON

5 Russell Street, Calcutta 16

Nature of Body Literary Social, Religious

Office Bearers Sir Samuel Ranganadhan (*President*), A D Khan, I C S (*Hony Treasurer*), T D Santwan (*General Secretary*)

DILKUSHA INSTITUTE

66 Dilkusha Street, Calcutta 17

Nature of Body Literary and Social

Office Bearers Moulvi Md Khalil, B A, B T (*President*) Ashique Hussain (*Jt Hony Secretary*) Qumruzzaman (*Jt Hony Secretary*)

GANA KALA MANDAL

(PEOPLES ART ASSOCIATION)

79 3/A, Lower Circular Road, Calcutta 14

Nature of Body Social

Office Bearers Life-President, Dr H Mukerji, M D *Founder and General Secretary*, Dr Shankar Mukerji, *Treasurer*, Mrs P B Reed

GOUDIA VAISHNAB SAMMILANI

1/1A, Vaishnab Sammilani Lane, Calcutta 6

Nature of Body Religious and Literary

Office Bearers President, Prabhupad Chaitanya Charan Goswami *Secretaries*, Dr Nripendra Nath Roy Chowdhury, D Litt and Krishnadas Nundy

HINDU MILAN MANDIR

211, Rash Behari Avenue, Ballygunj, Calcutta

Nature of Body Socio cultural

Office Bearers Founder, Acharyya Swami Pranavanandaji Maharaj, *Present President*, Swami Satchidanandaji Maharaj, *General Secretary*, Swami Vedanandaji Maharaj

INDIAN ASSOCIATION

62, Bowbazar Street, Calcutta 12

Nature of Body Political and Cultural

Office-Bearers *President*, Satinath Roy, *Secretary*, Harendranath Mozumder, *Treasurer*, Sudhir Kumar Bose

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Jadavpur, Calcutta 32

Nature of Body Scientific

Office-Bearers Dr J C Ghosh, D Sc F N I (*President*) Prof M N Saha, D Sc, F R S (*Director*), S N Sen, M Sc (*Registrar*)

INDIAN CHEMICAL MANUFACTURERS ASSOCIATION

23 B Netaji Subhas Road Calcutta

INDIAN JUTE MILLS ASSOCIATION

Royal Exchange, Post Box No 280, Calcutta

Now one of the most important, of the bodies affiliated to the Bengal Chamber of Commerce and Industry, was started in 1886

Working Agreements have since formed the most important link between this Association of members, which today represent 97 per cent of the trade in India, the term of each agreement now being for a 5 year period In 1937 the need for a Research Department to deal with all the technical problems arising out of quality production and the demand for speciality fabrics resulted in the Association opening a laboratory which now has developed into an institute of notable dimensions with a qualified staff of scientists, and is known as the Indian Jute Mills Association Research Institute, with offices at No 3 Taratola Road Calcutta 27

INDIAN MUSEUM

27, Chowringhee Road, Calcutta 13

Nature of Body Scientific and Literary

Office-Bearers Mr Justice Ramaprasad Mookerjee, M A, B L (*Chairman, Board of Trustees*), K P Khaitan, M A, B L, Bar-at Law (*Vice-Chairman, Board of Trustees*) K S Srinivasan, B Sc (Hons) M Sc (*Hony Secretary to the Trustees*) Dr B S Guha, M A, A M, Ph D (*Hony Treasurer to the Trustees*)

INDIAN SCIENCE CONGRESS ASSOCIATION

1 Park Street, Calcutta 16

Membership of the Association is open to all interested in the activities of the Congress The Association has an average total membership (Ordinary Members) of 3,500 The annual subscription is Rs 12. There are also Sessional Members, and Associate and Student Members who are enrolled at concession rates The members receive free of cost the proceedings of the annual sessions, which are issued in four parts.

President Dr S L Hora, D Sc, F R S E, C M Z S, M I Biol, F A S, F Z S I, F N I

General Secretaries Dr U P Basu, D Sc, F R S, F N I, Dr B N Prasad, D Sc (Paris), Ph D (Liverpool), M Sc, F N I

Treasurer Prof P C Mahalanobis, F R S

INDIAN SOCIETY OF ORIENTAL ART, CALCUTTA

11, Wellington Square, Calcutta

Patrons Chakravarti Rajagopalachari and Dr K N Katju *President* Acharya Nandalal Bose *Secretary* S K Saraswati

INDIAN STATISTICAL INSTITUTE

204, Barrackpore Trunk Road, Calcutta 35

Nature of Body Scientific

Office-Bearers *President*, C D Deshmukh, Finance Minister, Government of India, *Secretary and Director*, Prof P C Mahalanobis, F R S., *Joint Secretaries* S C Sen, N C Chakravarti

INDIAN SUGAR MILLS ASSOCIATION

23 B, Netaji Subhas Road, Calcutta 1

INSTITUTION OF ENGINEERS (INDIA)

8, Gokhale Road, Calcutta 20

The Institution is administered by a Council consisting of about 50 corporate members representing all branches of engineering It has twelve Local Centres with their own administrative committees, and the total membership is about 9,500 It publishes a quarterly technical journal and bulletin

The Council of this Institution act as the Indian National Committee of the World Power Conference *President* —Dildar Husain *General Secretary* —P P Adalja *Asstt Secretary* (*Tech*) —B Seshadri

INTERNATIONAL HOMOEOPATHIC ASSOCIATION

42 South End Park Calcutta 29

Nature of Body Medical

Office Bearers *President*, Dr N Nundie (M B H) *Vice President*, K Chatterjee, M H S *Secretary* S Banerjee

IRAN SOCIETY

159 B, Dharamtala Street, Calcutta 13

Nature of Body Cultural

Office Bearers *President* Dr B C Law, M A, B L, Ph D, D Litt F R A S F R A S B, *Vice President* Rev Fr V Courtois S J *Hony Secretary*, Dr M Ishaque, B Sc, M A (Cal), Ph D (Lond)

KESHUB ACADEMY

148 Ramdulal Sarkar Street Calcutta 6

Office Bearers Dr N K Bose D Sc (*President*) J M Sen, M Ed (Leeds), B F S (Retd) (*Hony Secretary*)

KUMARTULI INSTITUTE

19 Abhoy Charan Mitter Street, Calcutta 5

Nature of Body Literary and Athletic

Office-Bearers H L Sarkar (*President*) Professor B N Mukherji (*Secretary*), Ashoke Banerji (*Treasurer*)

MAHA BODHI SOCIETY OF INDIA

4 A, Bankim Chatterji Street, Calcutta 12

Nature of Body Religious, Educational, Literary

Office Bearers D Valisinha (*General Secretary*) P R Das Gupta (*Treasurer*)

MARWARI ASSOCIATION

160A, Chittaranjan Avenue, Calcutta

Its chief objects are —To promote and advance the moral, intellectual, commercial, economic, political and social interests of the Marwari community and to protect its rights and status

The constituents of the Association are the leading industrialists exporters and importers of the State of West Bengal

The Association issues certificates of origin to exporters of indigenous goods

The Association is a member of the Federation of Indian Chambers of Commerce and Industry

The following are the Office-bearers —

President - Mangturamji Jaipuria

Vice-Presidents —Badri Prasad Poddar and Benarasi Pd Kedia

Hony Secretary —Sheth Bhagwan Goenka

Asstt Hon Secretary —Badridas Khaitan

Auditor – Messrs Singhi & Co

MARWARI RELIEF SOCIETY

391, Upper Chitpur Road, Calcutta 7

Nature of Body Social

Office Bearers Sitaram Seksaria (*President*), Tulsiram Saraogi (*Vice President*), Rameshwar Tantia (*Hon General Secretary*), Kashi Prasad Modi (*Hony Secretary, Seva Bibhag*)

MEN S INDUSTRIAL HOME

(SALVATION ARMY)

172 Lower Circular Road, Calcutta 14

Nature of Body Social

Captain John J Nelmes (*Officer in Charge*)

MINING GEOLOGICAL AND METALLURGICAL INSTITUTE OF INDIA

27, Chowringhee Road, Calcutta 13

Nature of Body Technical and Scientific

Office-Bearers Dr M S Krishnan (*President*), Dr P K Ghosh (*Hony Secretary*), Dr R K Dutta Roy (*Jt Hony Secretary*)

MULVANY HOUSE

11, Corries Church Lane Amherst Street P O, Calcutta 9

Nature of Body Social

Office Bearers Mrs C I Rumfry (*President*), Miss I Birt (*Hony Secretary*), Miss H Day (*Supdt*)

NATIONAL SWIMMING ASSOCIATION

(MEMBER—SWIMMING FEDERATION OF INDIA)

Pavilion, Azad Hind Bagh, Calcutta 6

Nature of Body Social (to promote swimming and life saving)

Office Bearers *President* Lt Col N B Barwell, Bar at Law *Hony General Secretary*, Bimal Krishna Ghosh *Solicitor and Hony Treasurer* Prodosh Kumar Ghosh

RAMAKRISHNA MISSION AND MATH

(P O Belur Math Dt Howrah)

The Ramakrishna Mission is an association for missionary, philanthropic and educational service

It is registered under Act XXI of 1860 and has 67 centres spread over India Pakistan, Burma, Ceylon and some British Colonies

It has under it eight Indoor Hospitals 43 Outdoor Dispensaries three Colleges 25 High Schools 78, Middle and Elementary Schools, 5 Night Schools, 34 Students Homes and 40 Libraries Besides it undertakes occasional relief work

The Ramakrishna Math or Monastery though distinct is closely related with the Ramakrishna Mission, both having the same office-bearers and doing similar work The monks of the Ramakrishna Math are the principal workers of the Ramakrishna Mission

The Ramakrishna Math has 66 branch centres spread over India Pakistan Europe and U S A It conducts four Indoor Hospitals, 13 Outdoor Dispensaries three High Schools, 4 Lower Grade Schools and 20 Libraries

President Swami Sankarananda

General Secretary Swami Madhavananda

SADHARAN BRAHMA SAMAJ

211, Cornwallis Street, Calcutta 6

Nature of Body Religious

Office Bearers Barada Kanta Basu, B A (*President*) Aparna Charan Bhattacharyya, M A (*Secretary*), Jyotirindranath Das, B Sc (*Treasurer*)

SAFETY FIRST ASSOCIATION OF INDIA

(Bengal Provincial Branch)

24, Dr Suresh Sarkar Road 40, Chowringhee Road, Calcutta

Patron, Dr H C Mookherjee, Governor of West Bengal *President*, D N Sen *Vice-Presidents*, Lady Elkins, N C Laharry, Major S C Dutta, Dr A C Ukil, *Hony Treasurer*, G Basu, *Hony Secretary*, K K Das

SALVATION ARMY

Territorial Headquarters for North Eastern India, 37, Dharamtala Street Calcutta 13

Nature of Body Religious and Social

Office Bearers Territorial Commander, Colonel Ivar Palmer *General Secretary*, Brigadier Fred Jewkes *Field Secretary*, Lt Col A D Andrew

SAMAJPATI SMRITI SAMITY

47 E, Shampukur Street, Calcutta 4

Nature of Body Literary

Office Bearers President Kironchandra Dutt, M R A S *Secretary* Charu Chandra Majumdar, B A *Librarian* Debipada Nandan

SATYENDRA PATHAGAR

Arya Samity Road, Behala Calcutta 34

Nature of Body Literary

Office Bearers President D N Dhar F R G S (Lond) *Secretary*, Gopal Mukherjea *Librarian* J M Dutt

SOCIETY FOR THE PROTECTION OF CHILDREN IN INDIA

2B Camac Street, Calcutta

The S P C I is the oldest child protective society in India It seeks to rescue and protect children who are exposed to any kind of danger, *e g*, cruelty moral danger, exploitation vagrancy, delinquency and the like The protection of the Society is open to all children in India, irrespective of caste or creed or nationality

The Society is supported by public subscriptions and donations proceeds of charity entertainments grants in aid from Government etc Its expenditure on the maintenance and education of children in its custody is over Rs 12 000 a month

President The Hon ble Mr Justice Jyoti P Mitter

Vice Presidents The Maharajadhiraja Bahadur of Burdwan, The Most Rev Dr J Fernandes, Archbishop of Delhi and Simla, Dr K C Chaudhuri Mrs N E Barwell

Hon Treasurer B A Watt

General Secretary A M Chakravarti

SREE BHAIRABI JOGESWARI MATT

2, Gour Laha Street, Calcutta 6

Nature of Body Philanthropical, Social

Office Bearers Founders, Kulasjogini Chinmoye Giri, Kulacharyya Kali Krishnanda Giri Karmadhakshya Viranand Giri

SREESH CHANDRA CHARITABLE DISPENSARY

Arya Samity Road, Behala, Calcutta 34

Nature of Body Medical

Office Bearers President, D N Dhar F R G S (Lond), *Secretary* Lal Gopal Halder, *Attending Physician*, Dr S R Mukherji

SRI RAMAKRISHNA SARADA MATH

1, Chitpore Bridge Approach, Calcutta 3

Nature of Body Religious

Office-Bearers President, Kiran Chunder Dutt, *Secretary* Swami Tripurananda *Treasurer*, Sri Raman Bose

THE REFUGE

125-A Bowbazar Street, Calcutta 12

Nature of Body Social

Office Bearers Mr Justice K C Chunder, I C S (*President*), Rai I C Roy Bahadur (*Hony Secretary*) A K Chakravarti, M A B L (*Supdt*)

TROPICAL DIET RESEARCH SOCIETY

1/6, Fakir Chûkraburty Lane, Calcutta 6, Beadon Street P O, Calcutta

Nature of Body Scientific

Office Bearers Director, Dr G B Das, B Sc, M D *Secretary* I B Mullick B Sc, *Asstt Secretary*, S N Das, B Sc

UNITED KINGDOM CITIZENS ASSOCIATION

51 Chowringhee Road, Calcutta

The Association was formed in 1883 under the title of The European and Anglo Indian Defence Association This name was changed on several occasions and the present name was adopted in 1948

The objects of the Association are cultural charitable, social, educational and benevolent and generally to look after the interests of its members and others The Head Office (Central Administration) is at Bishop's House 51 Chowringhee Road, Calcutta 12 Branches all over India

President Sir Anthony Elkins Kt C B E

Honorary General Treasurer J D K Brown

VIVEKANANDA SOCIETY

21, Brindaban Bose Lane, Calcutta 6

Nature of Body Religious, Cultural and Philanthropic

Office Bearers Swami Atmabodhananda (*President*) Swami Siddhananda (*Vice President*) S J Prakash Chandra Banerjee (*Hony Secretary*)

WEST BENGAL BASKETBALL ASSOCIATION

94, Chittaranjan Avenue, Calcutta 12 42 Corporation Street, Calcutta 14

Nature of Body Sports

Office Bearers President, H S Ghose Chaudhuri, I I, J P *Hony Secretaries*, I C Dutt P C Banerjee, A R Mukherjee

YOUNG MEN'S CHRISTIAN ASSOCIATION

25 Chowringhee Calcutta 13

Nature of Body Social

Office bearers I M Bannerman (*President*), C W Archer M I Sircar (*Vice Presidents*), K C Thornton (*General Secretary*)

YOUNG MEN'S CHRISTIAN ASSOCIATION (INDIA)

5, Russel Street, Calcutta

The aim of the Association is through its religious, social, educational and physical work to answer the fourfold spiritual, social, mental and physical—needs of young men and boys

The Young Men's Christian Association in India, started in Calcutta in 1857, is spreading rapidly The 'local' Associations are autonomous and governed by local Boards of Directors These Associations in Convention elect a General Board which is responsible for the supervision and expansion of all forms of the Association work in India, Pakistan and Ceylon

The work of the Council (excluding that of the 80 local Y M C A 's) called for a Budget of Rs 1,32,469 in 1952 Of this sum Rs 37,500 had to be raised from the public in India

The Headquarters of the Council of Y M C A is 5, Russell Street, Calcutta The officers are —

President of the Council —Sir Samuel Runganadhan

General Secretary **—T D Santwan, 5 Russell Street Calcutta 16**

CHAMBERS OF COMMERCE.

ASSOCIATED CHAMBERS OF COMMERCE OF INDIA

Royal Exchange 6 Netaji Subhas Road, Calcutta

The object is to promote and protect the trade, commerce, industries and manufactures of the country

In all there are three classes of members, *viz*, Original, Additional and Associate, there are 11 Chambers of Commerce from different parts of the country as members of the association Annual subscription of each member whether Original, Additional or Associate is Rs 150 per vote

OFFICE BEARERS FOR 1953 54 —*President*, E J Pakes *Dy Presidents*, L I C Gwilt, G E Longdin, *Secretary*, D C Fairbairn M A, C I E

BENGAL CHAMBER OF COMMERCE AND INDUSTRY

Royal Exchange, P Box No 280 Calcutta 1

The Bengal Chamber is registered with a declaration of membership of 400 Its objects are briefly to promote and protect the trade commerce and manufactures of India particularly in Calcutta There are three classes of members Chamber Associate and Honorary

There are 27 commercial and industrial associations and organisations connected with the Chamber whose business is transacted by the secretarial staff of the Chamber, subject to the direction of their own committees and sub committees A new department has recently been organised for specialisation and consultation in all matters concerned with industrial labour

An important branch of the work of the Chamber is the measurement and weighment of most of the principal commodities exported from Calcutta For this work the Chamber has a special department—the Licensed Measurers Department—which has been in existence for nearly 70 years and maintains a staff of some 130 measuring officers who measure and weigh goods chiefly in course of shipment The measurements so recorded are used by the Steamship Companies as a basis upon which to calculate freights charged to exporters and the weights are required chiefly by exporters for contract purpose

There is also within the Chamber an old established Tribunal of Arbitration for the settlement and adjustment of disputes and differences relating to trade, business, manufactures, etc Arbitrators are drawn from among the members of the Chamber and the arbitrations are conducted in accordance with the provisions of the Indian Arbitration Act Awards may be filed by either party in any particular dispute in the Calcutta High Court and be made a Decree in conjunction with like Arbitration bodies overseas

To this work there has been added in more recent years the distribution of foodstuffs to employers of labour in the Calcutta industrial area The Chamber's Foodstuffs Scheme was started in August 1942 with a central organisation in Calcutta and a chain of Distribution Depots scattered all over the Calcutta Industrial area At present it caters for the essential food supplies of nearly 700 000 industrial workers and their dependents

Since 1946 the Chamber has run Language training courses for foreigners taking up appointments in India Classes in Lower and Higher standard Hindi and Bengali in the Nagari script are organised twice in each year Examinations of Chamber students and others wishing to sit for them, as also for students studying colloquial Hindustani are held under the Chamber's auspices at the end of each six monthly course

Chamber Committee —*President* E J Pakes, *Vice President*, G M Mackinlay, *Committee Members*, R H D Campbell, Sir Anthony J Elkins, C B E, N D Harris, O T Jenkins, D D MacGregor A S Officer, G A S Sim *Secretary*, D C Fairbairn, C I E, *Deputy Secretary*, W D Bryden, *Assistant Secretaries*, T R Crook, J J Rattray, H A Long

BENGAL NATIONAL CHAMBER OF COMMERCE

The objects are to aid and stimulate the development of commercial, agricultural and industrial enterprises in W Bengal and Assam and to protect the commercial interest of all persons trading therein

The constitution of the Chamber extends the facilities of Associate and Honorary Membership to the entire trading community in India

List of Associations Affiliated to the Chamber — All India Jute Mill Bobbin Manufacturers Association Association of Engineers, Bengal Motion Pictures Association Bengal Hosiery Manufacturers Association Bengal Glass Manufacturers Association Belgachia Jute Aratdars Association National Small Tools and Cutlery Manufacturers Association, Bengal Industries Association Bengal Bus Syndicate Bengal Trades Association, Bengal Oil Mills Association, Brickfield Association Kotrung, Bengali Jute Dealers & Brokers Association Calcutta Motor Dealers Association, Calcutta Retail Cloth Shops Association Calcutta Electric Traders Association, Calcutta Iron Merchants Association, Calcutta Paper Traders Association Calcutta Timber Merchants Association, Calcutta Salt Association Ltd Calcutta Rice Mills Association Calcutta Stevedores Association, East India Jute & Hessian Exchange Ltd, Federation of Associations of Small and Medium Industries Indian Canvas Proofers and Fabricators Association, Indian Insurance Institute Indian Lamp Factories Association Indian Mining Federation Indian Pencil Manufacturers Association, Indian Soap & Toiletries Makers Association, Plywood Manufacturers Association of India Tea Chest and Plywood Trades Association Indian Tea Chest Batten Manufacturers Association Indian Battery Manufacturers Association, North Bengal Timber Merchants Associations Oil Pressure Lamp Manufacturers Association, Radio Industries Association, Stationery and Office Equipment Association of India Tripura Tea Association, Retail Textile Dealers Association, West Bengal Electrical Contractors' Association, West Bengal Iron & Sheet Merchants Association West Bengal Lorry Syndicate, West Bengal Saw Mills' Association

The Chamber enjoys the privilege of electing representatives to the Calcutta Port Trust the Calcutta Improvement Trust, W Bengal Industries Board, Economic Enquiry Board, W Bengal Board of Examiners for Boiler Attendants Appellate Authority under West Bengal Boilers Rules 1950 Indian Central Jute Committee, Indian Central Cotton Committee Indian Coal Grading Board, Calcutta Corporation, West Bengal State Sugar Board, West Bengal Electricity Licensing Board West Bengal Boiler Commission, Calcutta Telephone Advisory Committee, P & T Regional Advisory Committee at Calcutta, Eastern Railway Advisory Committee, State Transport Authority and other important bodies

LIST OF OFFICE BEARERS FOR THE YEAR, 1953 54

President – Dr N N Law, M A, Ph D, *Vice Presidents* —P Mukerjee, G Basu, B A, *Hony Treasurer* —Dr S B Dutt M A, Ph D, Bar-at Law

Secretary – S R Biswas, M A

Sr Asstt Secretary —A R Dutta Gupta, M A

Office —P 11, Mission Row Extension, Calcutta 1

Telephone Calcutta City, 3381 (2 lines)

Telegram ' Conjoint '

BHARAT CHAMBER OF COMMERCE

The object of this Chamber is to foster the growth of commerce and industry in the country, to safeguard the interests of the commercial communities to protect and promote the trade, commerce, manufactures, agriculture and industries of West Bengal, to watch over and protect the general commercial interests of persons engaged in trade commerce, manufactures, agriculture or industries in India It arbitrates in disputes arising out of commercial transactions and also issues certificates of origin to exporters of indigenous goods The Chamber is generally consulted by Government on questions of public interest and commercial matters It undertakes special enquiries and action for securing redress of legitimate grievances of any branch of trade or industry It handles more than 80 per cent of distributive trade in cotton textiles and a good number of members are interested in export and import trade

President P I Saraogi M I C

Vice Presidents - G L Mehta and R N Bangur

Secretary —B N Sengupta

The following Associations are affiliated with the Chamber —Kalimpong Chamber of Commerce Kalimpong Darjeeling District Marwari Merchants Association Darjeeling Calcutta Wheat and Seeds Association Calcutta, Sonada Merchants Association, Sonada Indian Jute & Cotton Association Ltd Calcutta Assam Marwari Chamber of Commerce Calcutta Salt Association, Calcutta Cloth Merchants' Association Siliguri Upper Assam Marwari Chamber of Commerce Jorhat, Darjeeling Chamber of Commerce, Darjeeling, Swarna Rajat Kalakar Samiti Calcutta Bengal Sugar Merchants Association Calcutta

Address Imperial Bank Building, Burrabazar Branch Calcutta 7

Telephone No Jorasanko 3332

Grams Marchamber

CALCUTTA CHAMBER OF COMMERCE

Object —To foster and develop Trade Commerce Industry Agriculture etc and safeguard the interests of commercial communities of India

Membership —Any firm, company, corporation, or individual doing business, lawyer, physician, banker or man of public importance is eligible for membership on payment of subscription as determined by the committee subject to the approval of the Committee

Administration —The affairs of the Chamber are executed by an Executive Committee, Calcutta 6 *Secretary* —I Mookerjea Phone Cal B B 2744

CALCUTTA STOCK EXCHANGE

President —B N Chaturvedi

Vice President - C I Jhunjhunwalla

Hon Treasurers —C L Khandelwal, R M Seal, Eric Gregory, H C Chatterjee

Secretary —D Chakravarty

Asstt Secy – B B Majumdar

INDIAN CHAMBER OF COMMERCE CALCUTTA

The Indian Chamber of Commerce was established in November 1925 to promote and protect the trade, commerce and industries of India and in particular the trade, commerce and industries in or with which Indians are engaged or concerned, to aid and stimulate the development of trade, commerce and industries in India with capital principally provided by or under the management of Indians, to promote and advance commercial and technical education and such study of different branches of Art and Science as may tend to develop trade, commerce and industries in India

There are two classes of members, local and mofussil The local members pay an annual subscription of Rs 500 and the Mofussil members Rs 250

Office Bearers —*President* Lala Karamchand Thapar

Senior Vice President G D Binani

Vice President N L Kanoria

Secretary Dr R D Tiwari, M A, LL B Ph D D Litt

Deputy Secretary L S Bisht B Sc, LL B

The following Associations are affiliated with the Chamber —

Automotive Manufacturers' Association of India, Calcutta Rice Merchants Association Calcutta Tea Merchants Association, Cycle Manufacturers Association, East India Jute & Hessian Exchange Ltd, Employers Association, Calcutta, Engineering Association of India, Gunny Trades Association, Indian Chemical Manufacturers Association Indian Colliery Owners Association, Indian Hemp Association Indian Insurance Companies Association, Indian Non Ferrous Metals Manufacturers Association, Indian Paint Manufacturers Association Indian Paper Mills Association, Indian Rope Manufacturers Association, Indian Steel Makers Association The Indian Special Steels Marketing Board, The Indian Sugar Mills Association, The Jute Balers Association, The Indian Chemical Merchants Association

The Indian Chamber of Commerce also appointed in 1927 a Tribunal of Arbitration to arbitrate in all disputes relating to various trades With a view to covering the varying nature of disputes arising in different trades, separate panels of Arbitration are appointed on the Tribunal of Arbitration for each of the following trades —(1) Jute, (2) Gunny (3) Sugar (4) Piece goods and Yarn (5) Iron and Steel (6) Coal and Minerals (7) General

Address —23 B, Netaji Subhas Road, Calcutta 1

LIBRARIES AND READING ROOMS

BAGHBAZAR READING LIBRARY

2 K C Bose Road Calcutta 4

Office Bearers *President* B N Sanyal *Secretary* Ajit Chakravorty, *Librarian* Prof S Banerji

BANDHAB LIBRARY

189 Bowbazar Street, Calcutta

Office Bearers *President*, Kumar Kartick Charan Mallick *Hony Secretary* Paritosh Kumar Pain M Sc *Librarian* Janaki Nath Ghosh, M A

BEHALA LIBRARY

5, Rai Bahadur Road, Calcutta 34

Office Bearers B N Mukherjee (*President*) P K Dutta (*Secretary*) D P Mukherjee (*Librarian*)

DHAKURIA PUBLIC LIBRARY

No 1, S G Garden Road, Dharling P O, Calcutta 31

Office Bearers *President* Dr P C Mohanti D Sc, *Secretary* Sudhir K Mukherji *Librarian* Madhab Chatterji B A

GARDENREACH LIBRARY AND FREE READING ROOM

Fatehpore Second Lane Calcutta 24

Office Bearers *President* Dr U Chakravorty, *Secretary*, D C Roy, *Librarian*, M Chatterjee

GOPINATH LIBRARY AND HRIDAY KRISHNA FREE READING ROOM

22 Ramakanta Sen Lane, P O Shyambazar, Calcutta 4

Office Bearers Motilal Paul (*Asstt Secretary*), Prokash Ch Sett (*President*) Premi Ranjan Sen, (*Vice President*)

HEM CHANDRA LIBRARY

11/1, Mohan Chand Road Kidderpore Calcutta 23

Office Bearers Sitapati Mukherjee (*President*), Khitish Ch Ghose (*Secretary*), Madan Mohan Banerjee (*Librarian*)

ISLAMIA LIBRARY AND FREE READING ROOM

1 A, Ibrahim Road, Kidderpore, Calcutta 23

Office Bearers *President*, Panna Lal Dey, *Secretary*, S M Siddique, *Librarian*, Khalil Ahmad

JNANBIKAS LIBRARY

41 Hari Ghose Street Calcutta 6

Office Bearers Dr F B Roy, M B (*President*), Provas Kumar Sen (*Secretary*), Amarendra Nath Banerjee (*Librarian*)

KALIGHAT INSTITUTE

12A, Rashbehary Avenue, Kalighat, Calcutta 26

Nature of Body Library and Free Reading Room, Library

Office Bearers *Hony Secretary* S N Bose, *Hony Treasurer* S K Banerjea, *Hony Librarian*, G Chakravarty

KALIGHAT LIBRARY AND FREE READING ROOM

Mohimanath Memorial Hall, 46 Mohim Halder Street, Kalighat, Calcutta 26

Office-Bearers Mohini Mohan Chatterjee (*President*) Nidhiraj Halder (*Secretary*), Nirmalendu Bhusan Bose (*Librarian*)

MADAN MOHAN LIBRARY AND FREE READING ROOM

96 Vivekananda Road, Calcutta 6

Office Bearers Dr Bhupendra Nath Dutta M A, Dr Phil (Hamburg) (*President*) Amar Bose, M I A, Sunil Kumar Ghosh (*Hony Secretary*)

MAHA BODHI LIBRARY

4 A Bankim Chatterji Street, Calcutta 12

MICHAEL MADHUSUDAN LIBRARY

17/1/2, Mansatola Lane, Kidderpore, Calcutta 23

Office Bearers *President*, Santosh Kumar Basu, M A, B L *Hony Secretary*, Nalini Mohan Banerjee, B Sc, *Hony Librarian*, Purnendu Pramanick

MUDIALY LIBRARY

Q 216, Umesh Neogi Road P O Garden Reach, Calcutta 24

Office-Bearers Sudhakar Pal, B Sc B L (*President*), Provat Chandra Paul B A (*Secretary*), Kanai Lal Ghosh (*Librarian*)

PAIPARA PUBLIC LIBRARY

31/A, Bagha Jatin Road, P O, Barnagore Calcutta 36

Office Bearers *President*, Sanatan Daw *Hony Jt Secretaries*, Jagat Ash and Joydeb Daw

PATRIOTIC LIBRARY AND FREE READING ROOM

22/1, Cornwallis Street, Calcutta 6

Office Bearers *President*, Bhabatosh Shome, *Vice President*, Dr Narayan Chandra Roy, M L A *Hony Secretary* Gopal Chandra Mukherjee

RAMMOHUN LIBRARY AND FREE READING ROOM

267, Upper Circular Road, Calcutta 9

Office Bearers *President*, Prof Charu Chandra Bhattacharya, *Hony Secretary*, Binayendranath Mazumdar, *Hony Librarian*, Ramdulal Bhattacharya

SARASWATI INSTITUTE

32, Sankaritola Street, Calcutta 14

Nature of Body Literary, Public Library and Free Reading Room

Office Bearers *President*, Rash Behari Ghosh *Hony Secretary*, Prasaddas Sarkar, *Hony Librarian*, Kanai Basu

CLUBS

ARMENIAN SPORTS CLUB, Mayo Road, Maidan, Calcutta

BENGAL MASONIC REFRESHMENT (P & D) ASSOCIATION, 19, Park Street and Fort William

CALCUTTA FOOTBALL CLUB, Plot 44, Maidan Calcutta

AUTOMOBILE ASSOCIATION OF BENGAL, 40 Chowringhee Road Calcutta

CALCUTTA LADIES GOLF CLUB, Casuarina Avenue, Maidan, Calcutta

MARTIN BURN OFFICERS CLUB, Plot 16, Maidan, Calcutta

SATURDAY CLUB LTD, 7, Wood Street, Calcutta

B N RAILWAY OFFICERS CLUB, 13, Garden Reach Road, Calcutta

CALCUTTA CRICKET CLUB, 19/1, Gurusaday Road, Calcutta

GOLDEN SLIPPER CLUB LTD, Hindusthan Buildings, Corporation Place, Calcutta

ARMENIAN CLUB, 21, Galstaun Mansions Park Street

LAKE CLUB, 13/1 Baroj Road, Dhakuria

COSSIPORE CLUB, 4, Dum Dum Road Cossipore

JUDDEAN CLUB 3 Madge Lane Calcutta

CALCUTTA LIGHT HORSE CLUB LTD 24 Park Street Calcutta 16

CLEM BROWNE INSTITUTE 82, Kaiser Street E I Rly Calcutta

DALHOUSIE ATHLETIC CLUB Plots 6 & 7 Maidan

CALCUTTA ROWING CLUB, Dhakuria and Strand Road

FAIRWEATHER HOUSE INSTITUTE 58, Circular Garden Reach Road

NATIONAL CRICKET CLUB Eden Gardens Calcutta 21

CALCUTTA SOUTH CLUB, 2/1 Woodburn Park

OUTRAM CLUB 3 Outram Street Calcutta

CALCUTTA RACKET CLUB, Maidan (Near St Paul's Cathedral)

ICI (I) LTD, Staff Tiffin Room, 18, Strand Road

JODHPUR CLUB LTD, Gariahat Road Dhakuria

MEASURERS CLUB, Plot 37 & 38, Maidan Calcutta

CALCUTTA CLUB LTD, 241, Lower Circular Road

GARDEN REACH WORKSHOPS RECREATION CLUB, 61, Garden Reach

ALL AIR CREW CLUB, 59B, Chowringhee Road

ROYAL CALCUTTA GOLF CLUB, Plot 19, Maidan

GRAIL CLUB, 15 Park Street

BRITISH INDIA ENGINEERS CLUB, 15/A, Kyd Street, Calcutta

CALCUTTA SWIMMING CLUB, 1, Strand Road, Calcutta

CALCUTTA RANGERS CLUB 13/1A, Govt Place East and Maidan

BENGAL CLUB LTD, 33, Chowringhee, Calcutta 16

300 CLUB LTD, 25A, Theatre Road, Calcutta

NEW CLUB LTD, 38, Chowringhee Road

CALCUTTA PUNJAB CLUB LTD, 13, Camac Street

BENGAL UNITED SERVICE CLUB, 29, Chowringhee Road, Calcutta

SWISS CLUB, 42, Theatre Road, Calcutta

ROYAL CALCUTTA TURF CLUB, 11, Russel Street and Maidan, Race Cource

BRITISH INDIA MARINE SERVICE CLUB, 4, Chowringhee Lane

GOAN ASSOCIATION OF BENGAL, 26/1, Wellesley Street.

CALCUTTA CUSTOMS CLUB (PROVISIONAL), Plot 43, Maidan

ORDNANCE CLUB (PROVISIONAL), Corner of Commissariat Road and Clyde Row

RAJABAGAN RECREATION CLUB, 44, Garden Reach

CINEMAS

ALEYA, 220 A, Rash Behary Avenue

ALOCHAYA, 14, Belliaghata Main Road

ARUNA, 40/2, Harrison Road

BANI RUPA, 28, Canal West Road

BASUSREE, 11/1/4, Russa Road

BHABANI, 52/3, Russa Road

BHARATI, 5/1, Russa Road

BIJOLI, 6/1, Russa Road

BINA, 219, Cornwallis Street

CHHABIGHAR, 10, Harrison Road

CHHAYA, 122, Upper Circular Road

CHITRA, 83, Cornwallis Street

CHITRALEKHA, 255 B, Chittaranjan Avenue

CHITRAPURI, 131/2, Circular Garden Reach Road

CITY, 150, Lower Chitpore Road

CROWN 83 A Wellesley Street

DIPAK, 91, Harrison Road

ELITE 136, Surendranath Banerjee Road

ENTALLY, 2/3 and 2/4, Dr Suresh Sarkar Road

GANESH 373, Upper Chitpore Road

GLOBE 7, Lindsay Street

HIND PALACE, P 30 Ganesh Chandra Avenue

INDIRA, 2, Indra Roy Road

JANATA 20, Sooterkin Street

JYOTI, 32, Dharamtala Street

KHANNA, 157, Upper Circular Road

KIRTI, 22, Keshab Sen Street

KRISHNA 12, Tara Chand Dutt Street

LIGHTHOUSE, 2, Humayun Place

MAJESTIC, 21/1, Wellesley Street

MAHIMAHAL, 76, Grey Street

MENOKA, 5, Sarat Chatterjee Avenue

METRO 5 Chowringhee Road

MINAR, 136/2, Cornwallis Street

MINERVA 5/1, Chowringhee Place

MOONLIGHT, 30, Tarachand Dutt Street

NATIONAL, 12/3, Watgunge Street

NETRO, 13/1, Dum Dum Road

NEW CINEMA, 171, Dharamtala Street

NEW EMPIRE, 1 Humayun Place

NEW ROYAL, 5 B, Maharani Swarnamoyee Road

NOORMAHAL, 190, Lower Circular Road

ORIENT, 27, Bentinck Street

PARADISE 39, Bentinck Street

PARAMOUNT, 38, Upper Circular Road

PARK SHOWHOUSE, 3/5, New Park Street

PRACHI 124, Lower Circular Road

PRABHAT, 135 A, Chittaranjan Avenue

PURABI, 40/1, Harrison Road

PURNA SREE, 2/1A, Raja Rajkishan Street

PURNA THEATRE, 2, Russa Road

REGAL, 4, Surendranath Banerjee Road

REGENT, 2, Krishna Lal Das Road

ROXY, 4 A, Chowringhee Place

RUPABANI, 76/3, Cornwallis Street

RUPALI, 45-B, Ashutosh Mookerjee Road

RUPAM, 213, Bowbazar Street

RUPAYAN, 19, Chetla Central Road

SANTOSH TALKIES, 134, Raja Rajendra Lal Mitra Road

SOCIETY, 2, Corporation Place

SREE, 138, Cornwallis Street

SUKTARA, 40, Sib Krista Daw Lane

TALKIE SHOWHOUSE, 182, Upper Circular Road

TASWIRMAHAL, 7-B, Gas Street

TIGER, 19, Chowringhee Road

UJJALA, 14, Russa Road

UTTARA, 138/1, Cornwallis Street.

HOSPITALS

ALBERT VICTOR LEPER HOSPITAL

18, Gobra Road, Entally, Calcutta 14

Office Bearers R K Ray, I C S (*Commissioner of the Presidency Division and Chairman, Board of Trustees*), Dr K B Chakraborti, M B (*Supdt and Secretary*)

BENGAL ALLEN HOMOEOPATHIC MEDICAL COLLEGE AND HOSPITAL

169, Bowbazar Street, Calcutta

Office Bearers Dr N K Banerjee (*Registrar*) Dr T K Chatterji (*Superintendent*)

R G KAR MEDICAL COLLEGE HOSPITALS

1, Belgachia Road, Calcutta 4

A medical college teaching M B, B S course of the Calcutta University and attached hospitals of 556 beds

Dr S K Sen, M S C, M B (Cal), L M (Dub), D P H (TCD), *Principal*

Dr H Chatterjee, M B (Cal), D A E (Paris), F R S M (London), *Vice Principal*

Major S C Dutta B S C, M B, A I H I M S (R), *Superintendent*

Dr C C Mitra, M B, D G O (Cal), Dr P C Sengupta, M B B S (Cal), *Dy Superintendents*

RAMRICKDAS HARALAIKA HOSPITAL

104, Ashutosh Mukherjee Road, Calcutta 25

Office Bearers *Director*, Dr Lincoln Acharjee, M B (Cal), *Secretary*, Dr P K Roy Chaudhury, M B, B S (Cal), *Superintendent*, Dr K L Mukherjee M B, B S (Cal)

SHREE VISHUDHANAND SARASWATY MARWARI HOSPITAL

118, Amherst Street, Calcutta 9

Office Bearers Narsingdas Bangur (*President*) Ram Nath Bajoria (*Financial Secretary*), Kedar Nath Poddar (*Administrative Secretary*)

CHURCHES AND MISSIONS

CATHOLIC CHURCH

32, Park Street, Calcutta 16

Archbishop, Most Rev Mgr F Perier, S J

Vicar-General, Rt Rev Mgr H E Barber

Secretary, Rev G Lechien, S J

CHURCH OF THE MOST HOLY ROSARY

Rev A Colussi, *15, Portuguese Church Street, Calcutta 1*

CHURCH OF THE SACRED HEART

Rev A Wigny, S J, *3, Dharamtala Street, Calcutta 13*

CHURCH OF CHRIST THE KING

Rev E M Konwen, *Park Circus, Calcutta 17*

CHURCH OF OUR LADY OF HAPPY VOYAGE

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India Steel Collapsible Gate Co, Manufacturers of Collapsible Gates, Ornamental Grills, 163, Bellaghata Main Road, Calcutta 10

India Tea (Blenders) Corporation, Tea Blenders and Exporters P35-B, Chittaranjan Avenue, Calcutta 5

India Trading & Agency Co, Dealers in Machinery, Hardware and Welding Materials, 8, Jackson Lane, Calcutta 1

India Water Supply Corporation, Tube well Contractors, both for Extraction and Sinking, 203-1, Harrison Road, Calcutta 7

India Waterproofing & Dyeing Works, Manufacturers of Canvas Paulins, Raincoats of all kinds, 60 2, Dharamtala Street, Calcutta 13

Indian Mica Produce Co, Mica, Micanite Dealers, Commission Agents and Exporters 16, Roy Lane Calcutta 7

International Paper Co, Dealers in all kinds of Papers, Saxena Building 2nd Floor 1 2 Jackson Lane, Calcutta 1

Jagdish Machinery Stores Mill Stores Suppliers, Machinery Merchants and Ball Bearings Stockists 38 Netaji Subhas Road, Calcutta 1

Jaggi & Co, Cloth Merchants, Commission Agents, General Order Suppliers, 12 Lindsay Street Calcutta 16

Jaharlall Pannalall & Co, Cloth Merchants, High Class Tailors and Outfitters College Street Market, Calcutta 12

Jaidayal Udairam, Premier Importers and Stockists of Textiles and Sundry Goods 208, Harrison Road Calcutta 7

Jain Wire Netting Stores Manufacturers and Stockists of Wire-Netting and Expanded Metal 62 Netaji Subhas Road, Calcutta 1

Jakoba Tea Co (India) Tea Merchants 9, Royal Exchange Place, Calcutta 1

Jalaluddin & Co All kinds of Leather and Shoe Material Merchants 14, Bentinck Street Calcutta 1

Jalan Industries Ltd, Merchants Planters Bankers, Agents and Financiers to Tea Estates, Jalan House, 62, Ballygunge Circular Road, Calcutta 19

James Alexander & Co Ltd Mechanical and Structural Engineers, Sheet Metal Workers 8, Dalhousie Square East, Calcutta 1

James Dew & Co, Manufacturers of Indigenous Drugs, Beauty Aids, Soaps, 43 A, Raja Dinendra Street Calcutta 1

Jayer & Co, Manufacturers and Dealers in Surgical Cotton, Gauze Bandage 12, Netaji Subhas Road Calcutta 1

Jay Shree Tea Gardens Ltd, Owners of Tea Gardens and Exporters of Tea 8 Royal Exchange Place Calcutta 1

Jay Sree Supply Agency, Dealers in Electricals, *re*, Fittings, Insulators Switch gear, 14 2 Old China Bazar Street, Calcutta 1

Jeetmall Jaichand Lall, Manufacturers and Dealers of Brass and Copper Wires 108 Old China Bazar Street, Calcutta 1

Jenson & Nicholson (India) Ltd, Paint Colour Varnish and Enamel Manufacturers 2, Fairlie Place, Calcutta 1

Jessop & Co Ltd Structural Mechanical and Electrical Engineers and Railway Wagon, 63, Netaji Subhas Road, Calcutta 1

Jewell Filter Co Ltd, Water Purification Engineers, Manufacturers and Suppliers of Filters, 4, Lyons Range, Calcutta 1

Jivon, B & Co, Expert in Cooling Plant, Frigidaire, Laboratory, Industrial and Domestic Motors, 97, Grey Street, Calcutta 5

Jokhiram Baijnath, Exporters of Scrap Iron, Coal and Other Minerals and Importers, Jain House 8 1 Esplanade East Calcutta 1

Johnson, S U & Co, Manufacturers of all sorts of Scientific and Laboratory Apparatus and Instruments 1 2 Jadu Nath Mitra Lane Calcutta 4

Kamala Enterprises Ltd Importers, Exporters, Manufacturers Representatives, Commission Agents, 113 B Manohardas Katra Calcutta 7

Kamala Laundry, Art Dyers and High Class Cleaners 2 Raja Kalikrishna Lane, Calcutta 6

Kamalalaya Ltd Tailor and Cloth Merchants, College Street Market, Calcutta 12

Kapoor Company (Agencies) India 5 & 6, Hare Street Calcutta 1

Karfa & Co, Hardware, Metal Merchants and General Order Suppliers 11 Netaji Subhas Road Calcutta 7

Karim Buksh, H, & Son Gentlemens Tailors and Outfitters 180 Park Street, Calcutta 16

Karmoker & Co, Manufacturers of High Class Ink and Sealing Wax, 39A Gokul Mittra Lane Calcutta 3

Karnani Metal Fabricators, Manufacturers of everything in Steel Furniture 31, Mohon Bazar Lane Calcutta 4

Kartic Chandra Das Sugar Merchants, P66 4 Strand Bank Road P O Beadon Street Calcutta 6

Kartic Chandra Das Ltd Salt Merchants, Kartik Kutir, P66 4 Strand Bank Road Kulpighat Calcutta 6

Kasco Metal Products Manufacturers of Bolts Nuts and Rivets 6, Mangoe Lane Calcutta 1

Kasi Nath Daw & Co, Importers of Stockists of Sulphur Saltpetre, Chlorate of Potash, 57 Netaji Subhas Road Calcutta 7

Kedarnath Poddar & Co Stock and Share Brokers and Bankers 7 Lyons Range, Calcutta 1

Kedar Nath Mullick & Sons Stationers Printers and General Order Suppliers, 147 Old China Bazar Street Calcutta 1

Keighley Leather Works Manufacturers of all kinds of Industrial and Commercial Leathers, B5 Clive Buildings Netaji Subhas Road Calcutta 1

Kellner, G F, & Co Ltd Caterers and Railway Refreshment Room Contractors to the East Indian 32 Chowringhee Calcutta 16

Kemp & Co, Ltd Manufacturing and Retail Chemists, 21 Old Court House Street, Calcutta 1

Ker, C & Co, Ltd Importers and Dealers in Tubes Hardware Pumps Rice Mill Parts and Tools 11 A Raja Woodmunt Street Calcutta 1

Kesaria & Co, Exporters and Importers of Tea Rice Gunny Hessian and Plywood, 19 Amratolla Street Calcutta 1

Keshab Chandra Banerjee & Sons Iron Founders and Mechanical Engineers 130, Bellilios Road Howrah

Khadi Pratisthan Manufacturers of Ghee, Casein Condensed Milk Mustard Oil 15, College Square Calcutta 12

Ladakchand O Vora Cotton and Cotton Waste Exporters Government and Railway Contractors 68 D Netaji Subhas Road Calcutta 1

Laha Brothers & Co Importers of and Dealers in Sanitary and Water Supply Appliances 136 Russa Road, Calcutta 26

Laha R B & Sons, Fancy Box Manufacturers, Specialists in Jewellery Cases and Watch Boxes 23, Bechu Chatterjee Street, Calcutta 9

Lahiri & Co Homoeopathic Chemists and Druggists 35 College Street Calcutta 12

Lakhiprasad Loknath & Co, Importers of Textiles and Yarn, Exporters of Jute and Jute Manufactured Goods, 35 Chittaranjan Avenue, Calcutta 12

Lakshmi Bottle Stores, Manufacturers of Inscripted and Plain Bottles and Phials, 17, Ezra Street, Calcutta 1

Lakshmi Home Industry, Manufacturers of Miniature Toys 22 Bolai Singhi Lane, Calcutta

Langrin Cement Factory Ltd, Emery Powder, Paper and Cloth, Sand Paper Quartz Sand, Marble Chips, 15 Clive Row Calcutta 1

Laterite Syndicate Ltd High Alumina Cement Patentees in India and Abroad, 36 Chowringhee Calcutta 16

Lawrence & Mayo (India) Ltd, Ophthalmic Opticians and Scientific Instrument Makers B 5 Clive Buildings, Calcutta 1

Lee C H, Manufacturers Representative and Agent for Mill Stores Hardware, and Machinery, Rooms 38 39 67 B Netaji Subhas Road Calcutta 1

Lens & Scientific Instrument Co, Ltd, Manufacturers of Scientific and Optical Instruments and Spectacle Lenses, 5 2, Old Court House Street Calcutta 1

Leonard Biermans S A, Manufacturers of Playing Cards and Coloured Flint Papers 13 1 A, Government Place East, Calcutta 1

Leslie W (Motors), Automobile Engineers and Ford City Dealers in Calcutta 24, Chittaranjan Avenue, Calcutta 12

Lovetus Limited British and Continental Manufacturers Representatives and Importers Pollock House, 18 B, Brabourne Road, Calcutta 1

Lewis F C (Tailors) Civil and Military Tailors Academic Gowns, Hoods and Caps 38 A, Park Mansion, Park Street, Calcutta 16

Lewis & Tylor Ltd, Belting and Hose Manufacturers 6 Church Lane Calcutta 1

Lightning Electric & Engineering Co Electrical Engineers and Contractors, 23, Wellesley Street, Calcutta 16

Lotus Oil Co Manufacturers of Linseed Oil Mowah Oil Groundnut Oil, Cocoanut Oil 44 Beadon Row Calcutta 6

Loyal Art Press Art and Commercial Printers 20 Strand Road Calcutta 1

Macfarlane & Co Ltd, Manufacturers of Valamoid Plastic Roofing Compound Vala Brand Paints, 25, Netaji Subhas Road Calcutta 1

Mackenzie Lyall & Co Auctioneers, Wine Merchants Clearing and Forwarding Agents 5, Mission Row, Calcutta 1

Mackie Bros, Process Block Specialists, Engravers Printers and Designers, 53 Bowbazar Street, Calcutta 12

Macneill & Barry Ltd, Merchants and Agents, 2 Fairlie Place, Calcutta 1

Macropolo D, & Co, Ltd, Manufacturers of Turkish and Egyptian Cigarettes, Tobacco and Cigars, 11, Old Court House Street, Calcutta 1

Madan & Co, Sports Outfitters Manufacturers of Athletic Footwear, Leg Guards, 116, Bowbazar Street Calcutta 12

Madan Gopal Mullick, Dealer in Glassware, Enamelware Crockery, Hurricane, 19, Brabourne Road Calcutta 1

Madhavlal & Co, Importers, Exporters, Tea, Rice, Spices and Jute Goods Merchants, 11 Ezra Street Calcutta 1

Madhoprasad Mahabirprasad, Salt Merchants and Exporters of All Jute Waste and Cadies, 5, Bentinck Street, Calcutta 1

Madona Paint Colour & Varnish Works Ltd, Manufacturers of Paints Dry Colours, and Varnish, 29 3A, Chetla Central Road, Calcutta 27

Mair, A M, & Co, Ltd, Jute Merchants and Brokers, Allahabad Bank Buildings, 6, Royal Exchange Place, Calcutta 1

Majhipara Agricultural Farm, Growers of all kinds of Vegetable and Flower Seeds, 3 Huzuri Mull Lane, Calcutta 14

Majumdar, M B Ltd, Importers of all types of Hosiery Knitting Machines from U S A, U K, and Germany, 3, Chittaranjan Avenue, Calcutta 13

Manick Lall Mullick, Civil and Sanitary Engineers, Contractors and General Order Suppliers, 3 1, New Bowbazar Lane, Calcutta 12

Mansfield & Sons, Saw mill Owners and Engineers, 16, Tangra Road, Calcutta 15

Mansfield Oil Gas Co Ltd, Oil Gas Engineers and Laboratory Fitters, P 35, Ganesh Chandra Avenue, Calcutta 13

Mati Lall Atta, Seller of All Sorts of Cast Iron Goods and Hardwares 56, Netaji Subhas Road, Calcutta 7

Marine & General Suppliers Corporation Manufacturers Representatives, Jute Mill and Tea Garden Stores Suppliers 6 1B, Jugal Kishore Das Lane, Calcutta 6

Mars Engineering Co, Electrical Engineers and Contractors, Stockists of all Electrical Goods, Windsor House, P 14, Mission Row, Extension Calcutta 1

Maritime Supplying Agency Engineers and Contractors and Manufacturers of Sanitary Equipments 3 Commercial Buildings, Netaji Subhas Road, Calcutta 1

Nagendra Nath Basu Ltd, Spices, Oil General Merchants and Commission Agents A 5 Jagannath Ghat, Calcutta 7

Nagina Musical Products Co Musical Dealers, 18, Mirzapur Street, Calcutta 12

Naik & Co, Manufacturers and Importers of Wirenettings of all Metals for Every Purpose in all Mesh Sizes, 68 A, Netaji Subhas Road, Calcutta 7

Naitram Sagarmall Timber Imports, Stone Quarry Owners and General Merchants 59 60, Strand Road, Calcutta 6

Nan P L, Watch and Clock Maker, Kashi Ghose Lane, P O Beadon Street, Calcutta 6

Nandan Bros Jewellers and Manufacturers of Gold and Silver Articles, 2 Chakrabaria Road (South) Bhowampur, Calcutta 25

Nandoomal Khedanlal Manufacturers of High Class Surti, Zarda and Various Other Preparations, 30, Upper Chitpore Road, Calcutta 7

Naran Chunder Dey Glass and Tinplates Merchants Clive Buildings (China Bazar Side) Calcutta 1

Narandas Gopaldas Chemical and Metal Broker 2, Dalhousie Square, 1 st, Calcutta 1

Natabar Paul & Co, Ltd Stockists, Importers, Exporters of Galvanized and Black Sheets, Natabar Bhaban 19 Maharshi Debendra Road, Calcutta 7

Natharun & Co, Importers and Stockists of Hardware, Iron and Steel and General Stores 36, Strand Road, Calcutta 1

National Agencies, Paper, Stationery, Glassware, Earthenware, Crockery and Cutlery, 120, Upper Circular Road, Calcutta 9

National Collapsible Gate Co, Manufacturers of Collapsible Gates, Grills, etc, 35, Akhil Mistry Lane, Calcutta 9

National Cosmetics Manufacturers of Diana Talcum Powder and other quality beauty preparations, 13, Parkside Road, Calcutta 26

National Fire & General Insurance Co, Ltd, Fire, Marine, Motor Car, National Insurance Building, 7, Council House Street, Calcutta 1

National Insulated Cable Co of India Ltd, Manufacturers of All Standard Types and Sizes of Electric Wires and Cables, Stephen House, 4, Dalhousie Square East, Calcutta 1

National Syndicate, Manufacturers and Importers, Dealers in Asbestos Cement, Roofing, 2, Royal Exchange Place, Calcutta 1

National Handicbank, N V, 1, Royal Exchange Place (East), Calcutta

Natwarlal N Daftary, General Order Suppliers and Commission Agents Dealers in Screws, 46, Ezra Street, Calcutta 1

New Theatres Ltd Cinematographic Film Producers, Distributors and Exhibitors, 172, Dharamtala Street, Calcutta 13

N G B Concern Ltd, Scientific and Laboratory Glass Apparatus, 9, Nayan Chand Dutt Street, Calcutta 6

Ocean Accident & Guarantee Corporation Ltd, Transacts All Classes of Accident Insurance 32, Dalhousie Square, Calcutta 1

Odhavji Devidas & Co, Importers and Manufacturers of Fine and Heavy Chemicals, Colours, 9, Armenian Street Calcutta1

Olpherts Ltd Manufacturers of Natural Dry Pigments, Red and Yellow Ochres and Red Oxides, 1 2, Moti Silk Street, Calcutta 13

Olympia Sporting House, Exporters Importers and Manufacturers of High Grade Fishing Tackles and Sports Goods, 1, Wellington Street Bowbazar, Calcutta 12

Omega Fan Manufacturing Co Manufacturers of Electric Fans and Fan Parts, 22, Strand Road Calcutta 1

Omega Date Stamp Mfg Co, Manufacturers of Date Stamps Numbering Stamps Office Stamps, 13 D, Ghose Lane, P O Beadon Street, Calcutta 6

Onkarmull Kanaiilal & Co Merchant and Banker, 18 Netaji Subhas Road, Calcutta 1

Optics Manufacturing House, American Qualified Consulting and Dispensing Optician, 309, Bow Bazar Street, Calcutta 12

Orient Safe & Cabinet Manufacturing Co Ltd, Manufacturers of High Class, Joint less Fire Proof and Burglar Resisting Steel Safes, 133, Canning Street, Calcutta 1

Orient Supply Syndicate, Shipchandlers and Marine Stores Dealers, 2, Raja Woodmunt Street, Calcutta 1

Panchkari Lat & Sons Ltd, Dealers in Cocoanut Groundnut, Mustard Til Mahua Castor 6, Meerbahar Ghat Street, Calcutta 7

Panna Lall Seal & Co Importers and Exporters Paper and Board Merchants, Stationers 36 1A, Radha Bazar Street, Calcutta 1

Pan Orient Co, Ltd Import and Export Merchants 8, Waterloo Street, Calcutta 1

Paper & Stationery Co, Paper Merchants and Importers 14 2, Old China Bazar Street, Calcutta 1

Paris Collapsible Gate Co Grilles, Railings and Structural and All Kinds of Brass and Iron Works, 2 A 3, Rifle Road (Park Circus), Calcutta 17

Quaderia Pharmacy, Chemists and Druggists, 20 1A, Jannagar Road, Calcutta 14

Queensland Insurance Co, Ltd, Fire, Marine Motor and Accident Insurance, 16, Netaji Subhas Road, (Ground Floor), Calcutta 1

Queen Stationery Stores Stationers Account Book Sellers, Manufacturers of Radio Brand, 63 E, Radhabazar Street, Calcutta 1

Quick Photo Service Co Ltd, Photo Goods Dealers, Printing, Bromide Enlarging and Picture Framing, 157 B, Dharamtala Street, Calcutta 13

Radio Supply Stores Ltd, Manufacturers and Importers of Wireless Apparatus and Radio Gramophones, 3, Dalhousie Square, Calcutta 1

Radon House, Manufacturers of Ammeters Voltmeters Transformers, 89, Kalighat Road Calcutta 26

Rae & Co, Die Stampers Card Printers and Engravers, 5 A, Madge Lane, Calcutta 16

Rahman S A & Sons, Direct Importers of Medicines, Toilet Requisites and General Merchandise, 11, Colootola Street, Calcutta 1

Railway Appliances & Engineering Co Mechanical Engineers and Hardware Merchants, 71 A, Netaji Subhas Road, Calcutta 7

Sadasukh Kabra & Co Stock and Share Brokers, 2, Royal Exchange Place, Calcutta 1

Saha, R N & Co Oil Merchants and Dealers Coal Tar Manufacturers and Dealers, 26, Gouribari Lane, Calcutta 4

Satal Engineering Works Electrical Engineers and Contractors, 16, British Indian Street, Calcutta 1

Saxby & Farmer (India) Ltd Railway Signal and Brake Engineers, 17, Convent Road, Entally Calcutta 14

S B Trading Co, Electrical Dealers Contractors and Importers Stockists of Cables, 2, Manook s Lane, Calcutta 1

Saparia & Co Dealers in Ball and Roller Bearings, 137, Canning Street, Calcutta 1

Sarachand Gupta & Co, Hessian Cloth Gunny Bags Jute and Hessian Twine Jute and Flax, 131, Cotton Street, Calcutta 7

Sarachand Pursram Manufacturing Jewellers and Diamonds Merchants, 7 1C Lindsay Street, (4th Floor) Calcutta 16

Sata Iron & Steel Co Ltd Manufacturers of Iron and Steel, 23 B, Netaji Subhas Road Calcutta 1

Saylor Bros Publishers and Publicity Agents, 2, Royal Lane, Calcutta 16

TECALEMIT (INDIA) LTD, Specialists in Garage Service, Motor Trade Railway Agricultural Industrial and Marine Lubricating Equipment London Calcutta Bombay, Madras and New Delhi Calcutta Office 31 Chittaranjan Avenue Calcutta Phone City--5050 Grams TECALE MIT Director and General Manager Lt Col G E Cater, Branch Manager A R Leonard

Uberoi Limited Manufacturers of Athletic Goods 22 1, Chowringhee Road Calcutta 13

U N Co Ophthalmic Opticians 80, Harrison Road Calcutta 9

Union Metal Industries Ltd, Brass Electric Lampholders, Connectors, Aerial Fuses, 2, Clive Ghat Street Calcutta 1

Union Oil Distributing Co (India) Specialists in Petroleum Products Room No 15 22 Canning Street Calcutta 1

Union Plywood Ltd Manufacturers of Teachests Plywood and Commercial Plywood and Casein Dealers, 1, Commercial Buildings Calcutta 1

Varat Plywood, Plywood Sheet Manufacturers 67 B, Netaji Subhas Road Calcutta 1

Variety Films Motion Pictures Producers and Distributors 68 Dharamtala Street Calcutta 13

Variety Trading Co Hardwares Metal Merchants, Agents, Dealers in Paints 221 2, Strand Bank Road Calcutta 1

Varma M L & Co, Engineers Builders and Contractors 4 1, Revd Kali Banerji Row Calcutta 6

Vax Institute Laboratory Ltd Manufacturers of Chemical and Pharmaceutical Products 13 Dispark Road, P O Ultadanga Calcutta 4

Wakefield C C & Co Ltd Manufacturers and Importers of All Classes of Lubricating Oils 7 Royal Exchange Place, Calcutta 1

Waverley Pharmacy Pharmaceutical Chemists and Opticians and Dealers in Photo Goods 128 Dharamtala Street Calcutta 13

Wave Service, Dealer in Radios, Musical Instruments Photographic Goods P 22, Mission Row Extension, Calcutta 13

Wearwell & Co, Leading House for High Class Footwear 1, New Market Calcutta 13

William Jacks & Co, Ltd, Engineers and General Merchants 10 Netaji Subhas Road Calcutta 1

Xanthic Industries, Paints and Varnish Manufacturers, 14, Subhas Nagore Road, Calcutta 28

Yaqoobali Moosajee & Co Importers and Exporters 67 A Netaji Subhas Road, Calcutta 1

Yogendra Brothers Importers and Exporters, Machinery and Coal Merchants, 24 Netaji Subhas Road Calcutta 1

Young & Co Boot and Shoe Makers Leather Goods Manufacturers 44 Chittaranjan Avenue South Calcutta 12

Young India Typewriter Co Repairers of all makes of Typewriters 253 Upper Chitpur Road Calcutta 3

Young Graduate & Co Engineers and Madufacturers of Springs and Spring Washers 126 C, Dharamtala Street Calcutta 13

Zenith Assurance Co Ltd Transacting Life, Fire Motor and General Insurance, Norton Buildings 2, Old Court House Corner, Calcutta 1

Zenith Ink & Gum Products Co Manufactturers of Gluline Office Paste, Liquid Gum and Zenith Inks 29 Madan Mitter Lane, Calcutta 6

Zenith Radio & Electric Stores Electrical Importers and Dealers 25 Ezra Street, Calcutta 1

Ziffo & Co, Freight Brokers 5 Garstin Place Haro Street Calcutta 1

Zenith Wire Netting Works Manufacturers of Galvanized Brass and Copper Wire Nettings 113 Netaji Subhas Road Calcutta 7

CLASSIFIED LIST OF TRADES AND PROFESSIONS OF WEST BENGAL

ABRASIVES MANUFACTURERS

Krishnlal Thirani & Co, Ltd —8, Royal Exchange Place, Calcutta 1

ACCOUNTING MACHINES SUPPLIERS

HOLLERITH (INDIA) LIMITED —17, Chittaranjan Avenue, Calcutta Phone City 5294 and Bank 1870

AGRICULTURAL MACHINERY & IMPLEMENTS MANUFACTURERS

Associated Aesby Industries Ltd —22 Strand Road Calcutta 1
Bengal Iron & Steel Works —8, Canning Street Calcutta 1
Great Eastern Cutlery Works 2A 2B, Chetal Road Tollygunge, Calcutta 33
Guchait S P & Sons Ltd — 2, Madhusudan Paul Chowdhury Lane, Howrah
Howrah Foundry Works Ltd 53 3, Ashu Bose Lane, Off Belilios Road Howrah
Leslie W & Co —B 3 Clive Buildings Calcutta 1

AGRICULTURAL REQUISITES

TECALEMIT (INDIA) LTD —31, Chittaranjan Avenue, Calcutta Phone City 5050 Grams "TECALEMIT" Lubrication, Refuelling, Metering Equipment and Air Compressors

AIR COMPRESSORS

TECALEMIT (INDIA) LTD —31, Chittaranjan Avenue, Calcutta Phone City 5050 Grams "TECALEMIT" Lubrication, Refuelling, Metering Equipment and Air Compressors

AIRCRAFT PARTS AND ACCESSORIES

TECALEMIT (INDIA) LTD —31, Chittaranjan Avenue, Calcutta Phone City 5050 Grams "TECALEMIT" Lubrication, Refuelling, Metering Equipment and Air Compressors

ALUMINIUM MANUFACTURERS

A G Bros & Co — 2, Nogipara Road, Calcutta 36
Aluminium Corporation of India Ltd —7, Council House Street, Calcutta 1
Aluminium Manufacturing Co, Ltd —56 Free School Street, Calcutta 16
Ashoka Aluminium Products —72 73 Old China Bazar Street, Calcutta 1
Indian Aluminium Co Ltd 31 Chowringhee Road Calcutta 16
Jeewandal (1929) Ltd — 31 Netaji Subhas Road, Calcutta 1

AROMATIC CHEMICALS & ESSENTIAL OIL MANUFACTURERS

Banga Laxmi Chemical Works — 11 Clive Row Calcutta 1
Calcutta Chemical Co, Ltd — 35, Panditia Road R B Avenue, Calcutta 29
Eastern Drug Co, Ltd —4, Moyerpore Road, Calcutta 27
Ghose Bros (Perfumers) —50, Ezra Street, Calcutta 1
Hindustan Gas Co, Ltd —8 Royal Exchange Place Calcutta 1
Premier Stores Supplying Co, Ltd — 8 Royal Exchange Place, Calcutta 1
Pt Debi Pershand Prayag Dutt Ltd —89, Lower Chitpur Road, Calcutta 7

AUTOMOBILE PARTS AND ACCESSORIES

TECALEMIT (INDIA) LTD —31, Chittaranjan Avenue, Calcutta Phone City 5050 Grams "TECALEMIT" Grease Nipples and Guns, Filters, Elements, Metal Flexibles, etc

BATTERY MANUFACTURERS

Associated Motor & Electrical Works —37-1, Dr Abani Dutt Road, Howrah
Bharat Battery Manufacturing Co, Ltd —P-1 A, Rashbehar Avenue Calcutta 19
Caesar Engineering & Accumulator Co — 6, Bramhan Para Lane, Calcutta 6
Chloride & Exide Batteries (Eastern) Ltd —4, Lyons Range, Calcutta 1
Eastern Accumulator Co —3 1, Mangoe Lane Calcutta 1
Eastern Electro Chemical Co —112, Narkeldanga Main Road, Calcutta 1
Electrical Storage Co, Ltd — 112 Narkeldanga Main Road, Calcutta 11
Free India Dry Accumulators Ltd —2, Doyehatta Street Calcutta 7
Hard Storage Battery Co —13 28, Russa Road, Calcutta 26
Hindusthan Battery Manufacturing Co —167, Old China Bazar Street, Bhola Nath Building, 2nd floor, Calcutta 1

BELTING AND HOSE MANUFACTURERS

Bengal Belting Works Ltd —2, Dalhousie Square, East, Calcutta 1
Brand S B & Co —80, Pathuriaghat Street, Calcutta 6
Chowdhury Belting Works —2, College Square, Calcutta 12
Zenith Stores & Agency Co —19, Strand Road, Calcutta 1

BISCUIT AND CONFECTIONERY MANUFACTURERS

Arizona 2 Lindsay Street, Calcutta 16
Aryan Bakery —53 Kali Temple Road, Calcutta 26
Bengal Confectionery Works —99-3 Canning Street, Calcutta 1
Britannia Biscuit Co, Ltd —5 1 Mangoe Lane, Calcutta 1
Calcutta Crown Biscuit Co —99 3, Canning Street Calcutta 1
East Indian Bakery —106, Lansdowne Road, Calcutta 29
Empire Confectionery Co —157-A, Dharamtala Street, Calcutta 13
Ferrazzini s Ltd — Humayan Court 21, Lindsay Street Calcutta 16
Flurry s Swiss Confectionery Ltd —18 A, Park Street, Calcutta 16
G S Emporium Ltd —47 A Chittaranjan Avenue, Calcutta 12

BOBBIN AND SPOOL MANUFACTURERS

Associated Timber Products Ltd —Stephen House, Dalhousie Square, Calcutta 1
Bengal Bobbin & Plywood Co, Ltd —44 46, Canning Street, Calcutta 1
Dey Wood, Iron & Steel Works 96, Strand Road, Calcutta 1
General Stores Supplying Co 137, Canning Street Calcutta 1
General Supply Syndicate —12, Raja Woodmunt Street, Calcutta 1
Greenway & Co 3 Mangoe Lane, Calcutta 1
National Industrial Works —135, Canning Street, Calcutta 1
S K Woodproducts Co —86 2 Bahir Surah Road, Calcutta 10
Standard Wood Works —200, Manicktalla Main Road, Calcutta 11
Wood Crafts Products —8, Royal Exchange Place Calcutta 1

BOLT, NUT & RIVET MANUFACTURERS

Adarson & Co —36 Strand Road Calcutta 1
Alliance Engineering Works —Santragachi, Howrah
Ashly & Co —28, Strand Road, Calcutta 1

BOOKSELLERS AND PUBLISHERS

C RINGER & CO —Homoeopathic Chemists, Booksellers and Publishers, 23, Lall Bazar Street, Calcutta 1 Phone Bank 4747 Grams "RINGERCOY" Business running 75 years

BOTTLE CAP AND CAPSULE MANUFACTURERS

British Merchandise Co —137 Canning Street, Calcutta 1
Chemcial Association (Calcutta) Ltd —55 Canning Street, Calcutta 1
Crown Cork Mfg Co (Calcutta) —1, Umakanto, "Swastika Sen Lane Calcutta 30
Dutt, P S & Bros —7 Ezra Street, Calcutta 1
Nunday, P & Sons —39, Ratan Babu Road, Calcutta 2
Paul, N B & Co —Manicktolla Bazar Lane Calcutta 6

BRASS AND COPPER SHEETS MANUFACTURERS

United Metal Industries Ltd —62, Netaji Subhas Road, Calcutta 7

BRUSH FACTORIES

Bengal Brush Factory —20, Serpentine Lane, Calcutta 14
Bepin Pal Sons & Co —174 A, Dharamtala Street, Calcutta 13
Britannia Brush Works 123-124, Canning Street, Calcutta 1
Caledonian Brush Works —137, Canning Street, Calcutta 1
Champatola Brush Factory —18, Amherst Street, Calcutta 9
Climax Brush Works —64-A, Mirzapur Street, P O Amherst Street, Calcutta 9
Cornwallis Brush Factory —15, Ghosh Lane, Calcutta 6
Crown Brush Factory —132, Old China Bazar Street, Calcutta 1
Dutt, S K —20, Strand Road, Calcutta 1
Ghosh, B C & Bros —44, Old China Bazar Street, Calcutta 1

BUTTON AND COMB MANUFACTURERS

Dacca Button Works —16, Windsor House, Mission Row Extension, Calcutta 1
Jamnadas Ramkissendas —42, Sir Hariram Goenka Street, Calcutta 7
Smith, J & Co —185 6, Gopal Lall Thakur Road, Calcutta 35

CANDLE MANUFACTURERS

Rupali Candle Works —9, Mondal Street, Calcutta 6

CANNING AND CONDIMENT WORKS

Bengal Collective Industries & Farm Ltd —56, Huzurimal Lane, Calcutta 14
Daw, Sen & Co Ltd —29, Dr Suresh Sarkar Road Entally Calcutta 14
Farm & Fruit Products Ltd —71 A, Chakrabere Road, North, Calcutta 20
Farmer s Industries—3 Huzurimull Lane Calcutta 14
Great Eastern Preserving Works —18, Bhchmann Street, Calcutta 13

CANVAS AND PAULIN MANUFACTURERS

Harley, F & Co —5, Dehi Serampore Road Entally, Calcutta 14
India Waterproofing & Dyeing Works —60 2, Dharamtala Street, Calcutta 13
Manton & Martin 70, Netaji Subhas Road, Calcutta 1
Shew Prosad Bishnu Prosad —11, Dinu Rakhit Lane, P O Hatkhola, Calcutta 5
Soobashah A S & Bros —83 Netaji Subhas Road, Calcutta 1

CARBONIC ACID GAS FACTORIES

Hajee Ismail Sait & Sons Ltd —P O Box No 141 Calcutta

CARD BOARD BOX MANUFACTURERS

Antool S & Co Ltd 91, Upper Circular Road, Calcutta 9
Artacademy — 3, Noormul Lohia Lane Barrabazar Calcutta 7
Bengal Box Mfg Co —1 & 4, Raj Coomer Chatterjee Road, Cossipur, Calcutta 2
Bengal Card Board Box Co — 14 Amherst Street, Calcutta 9
Bengal Card Board Box Factory —3 B, Noormal Lohia Lane, Calcutta 7

CARPET MANUFACTORIES

Birla Jute Manufacturing Co Ltd —8, Royal Exchange Place Calcutta 1
Cosmo Trading Co —98, Netaji Subhas Road, Calcutta 1
Indian Carpet Corporation —30 Central Avenue, Calcutta 12
Shroffs Carpets —12, Chowringhee Road Calcutta 13

CELLULOID AND CELLULOID ARTICLE MANUFACTURERS

Calcutta Celluloid Works Ltd —8, Jackson Lane, Calcutta 1

CHAMOIS LEATHER MANUFACTURERS

Hindustan Tannery —Windsor House, P 14, Bentinck Street Calcutta 1
National Tannery Co Ltd , —Cannal South Road, Pagladanga, P O Tangra, Calcutta 15

CHEMICAL AND PHARMACEUTICAL PRODUCT MANUFACTURERS

Adeco Ltd —29 3 A, Chetla Central Road, Calcutta 27
Albert David Ltd —15, Chittaranjan Avenue, Calcutta 13
Allied Drug Industries Ltd —2, Mission Row, Calcutta 1
Arrow Co —10 1, Biprodas Street, P O Amherst Street, Calcutta 9
Aryan Drug House Ltd —28, Kali Kumar Banerjee Lane, Calcutta 2

CHEMICAL PLANT & MACHINERY MANUFACTURERS

C S A (Mfg) Co —Porui Road Behala, Calcutta 34
Chemical Industries & Eng Co —2 1, Barrackpore Trunk Road, P O Barnagore, Calcutta

CHEMISTS (IMPORTERS AND STOCKISTS)

C. RINGER & CO —Homoeopathic Chemists, Booksellers and Publishers, 23, Lall Bazar Street, Calcutta 1 Phone Bank 4747 Grams: "RINGERCOY" Business running 75 years

COTTON MILLS

Arati Cotton Mills Ltd —29, Strand Road, Calcutta 1
Associated Mills Ltd —5, Hastings Street, Calcutta 1
Banga Sri Cotton Mills Ltd.—23, Hurro Chunder Mullick Street, P O Hatkhola, Calcutta 5
Bangeshwar Cotton Mills Ltd —63, Radhabazar Street, Calcutta 1
Basanti Cotton Mills Ltd —14, Netaji Subhas Road, Calcutta 1
Bengal Cotton Cultivation & Mills Ltd —21, Old Court House Street, Calcutta 1
Bengal Luxmi Cotton Mills Ltd —11, Clive Row, Calcutta 1
Bengal Workers Cotton Mills Ltd —17 Mangoe Lane, Calcutta 1
Bowreah Cotton Mills Co Ltd —21 Strand Road, Calcutta 1
Deshabandhu Cotton Mills Ltd —61 Cross Street, Calcutta 7
D N Choudhury Cotton Mills Ltd —23, Hurro Chunder Mullick Street, Calcutta 5
Dunbar Mills Ltd —21 Strand Road Calcutta 1
Hindusthan Cotton Mills Ltd —P 2, Mission Row Extension Calcutta 1
Mahalaxmi Cotton Mills Ltd —15, Netaji Subhas Road, Calcutta 1

COTTON GINNING AND PRESSING FACTORIES

Rali Bros Ltd — Ranee Cotton Ginning and Pressing Factory, Cossipore, Calcutta 2

COTTON-WASTE MANUFACTURERS

Khan Industries Ltd —14, Hare Street, Calcutta 1
Ladakchand O Vora —68 D Netaji Subhas Road Calcutta 1
Textile Waste Co —113 C, Netaji Subhas Road, Calcutta 1

CUTLERY MANUFACTURERS

Bengal Cutlery Works —123-A, Dharamtala Street, Calcutta 13
Bengal Iron & Steel Works —8, Canning Street Calcutta 1
Edward Miller & Co —20, Strand Road, Calcutta 1
Great Eastern Cutlery Works —2A 2B, Chetla Road, Tollygunge, Calcutta 33
Indian Cutlery Manufacturing Co Ltd —A 3, Clive Buildings, Netaji Subhas Road, Calcutta 1

CYCLE MANUFACTURERS

India Cycle Manufacturing Co Ltd — 4 Clive Ghat Street Calcutta 1
Sen Raleigh Industries of India Ltd —Mercantile Buildings, Lalbazar Street, Calcutta 1

DISTILLERIES AND BREWERIES

Bengal Breweries Ltd —6 Mission Row, Calcutta 1
Carew & Co Ltd -4, Fairlie Place, Calcutta 1

DYE-STUFF MANUFACTURERS

Indian Chemical & Colour Works —66, Simla Street, Calcutta 6

ELECTRIC WIRE AND CABLES

National Cable Works Ltd —12, Dalhousie Square, East, Calcutta 1

ELECTRICAL PLANT, APPARATUS, FANS AND LAMPS MANUFACTURERS

Allied Iron & Steel Co Ltd —12 Dalhousie Square, East Calcutta 1
Argentiferrous Metal Processing Co —119 B, Harrison Road, Calcutta 7
Associated Electrical Industries (Mfg) Co , Ltd —Crown House, 6 Mission Row, Calcutta 1
Asia Electric Lamp Co Ltd —45, Durga Charan Mukherji Street, Calcutta 3
Bengal Electric Lamp Works Ltd —190 C, Rash Behari Avenue, Calcutta 29

ELECTRICITY SUPPLY WORKS

Associated Power Co Ltd —8, Clive Row Calcutta 1
Calcutta Electric Supply Corporation Ltd —Victoria House, Chowringhee Square, Calcutta 1
Dishergarh Power Supply Co , Ltd —8, Clive Row, Calcutta 1
Jalpaiguri Electric Supply Co , Ltd —2, Church Lane Calcutta 1
Kurseong Hydro Electric Supply Co , Ltd —12, Netaji Subhas Road, Calcutta 1

ELECTROPLATED WARE & BRASSWARE MANUFACTURERS

Calcutta Metal Store —62, Netaji Subhas Road, Burra Bazar, Calcutta 7
Indian Brassware Store —P-37B, Kalakar Street, Calcutta 7
Metal House —59 1, Cotton Street Burra Bazar, Calcutta 7
Nath s Brassware Factory —8 2, Hospital Street, Calcutta 13

ENAMELLED WARE MANUFACTURERS

Sur Enamel & Stamping Works Ltd —24, Middle Road, Entally, Calcutta 14

EXPANDED METAL MANUFACTURERS

Calcutta Expanded Metal Mfg Co, Ltd —P 16, Kalakar Street, Calcutta 7
Hindusthan Wire & Metal Products Ltd —57 74, Stephen House, Dalhousie Square, Calcutta 1

FLOUR MILLS

Bengal Flour Mills Co, Ltd —21, Netaji Subhas Road, Calcutta 1
Calcutta Flour Mills —242-1, Upper Circular Road, Calcutta 14
City Oil & Flour Mills Ltd —6 & 7, Netaji Subhas Road, Calcutta 1
Howrah Flour Mills Ltd —21, Rupchand Roy Street, Calcutta 7
Marwar Flour Mills —244-2, Upper Circular Road, Calcutta 4

FOOTWEAR MANUFACTURERS

Bata Shoe Co, Ltd —30, Theatre Road, Calcutta 16
Bengal Tannery Co —31 14, Lower Chitpore Road, Calcutta 1

GALVANIZED HOLLOW-WARES AND METAL-WARES

Bengal Bucket & Steel Works —68 D, Netaji Subhas Road, Calcutta 1
Day, M L & Co —9, Harimbari 1st Lane, Calcutta 27
Dhur Galvanizing Works —92, Ultadanga Main Road, Calcutta 4
Electric Welding & Manufacturing Co (India) Ltd —2, Fairlie Place, Calcutta 1
Ghosh & Co —96, Harrison Road, Calcutta 7

GLASS WORKS

Bengal Glass Manufacturers Association —P 11, Mission Row Extension, Calcutta 1
Artistic Glass Works —1 2, Tagore Castle Street, Calcutta 6
Ashok Glass Works —9, Ezra Road, Calcutta 1
Balur Glass Works —203 1 Harrison Road, Calcutta 7

GLUE MANUFACTURERS

Bengal Paste Co —10, Dehi Entally Road, Entally, Calcutta 14
East India Glue Co —82, Sambhunath Pandit Street, Calcutta 25
India Glue Works —11, New Tangra Road, Calcutta 1
King Perfumery Works —13, Khetra Das Lane, Calcutta 12
Unita Trading Co —76, Lower Circular Road, Calcutta 14

GRAMOPHONES & RADIO MANUFACTURERS

Dey, K C & Sons —161-1, Harrison Road, Calcutta 7
Electro Radios Ltd —10, Chowringhee Road, Calcutta 13
Great India Technical & Wireless Association —2, Cornwallis Street, Calcutta 6
India Radio Manufacturing Co —236, Chittaranjan Avenue, Calcutta 6
International Radio Emporium Ltd —3, Madan Street, Calcutta 13

HOSIERY MILLS

Bangalakshmi Hosiery Mills —58 1A, B T Road, Calcutta 2
Banwari Hosiery Factory —1, Raja Gurudas Street, Calcutta 6
Basanti Hosiery Mills —7, Marcus Square, Calcutta 7
Broadway Textile & Hosiery Mills —123 B, Raja Dinendra Street, Calcutta 4
D N Bose s Hosiery Factory —36 1A, Sarkar Lane, Calcutta 7

HOSPITAL APPLIANCES AND APPARATUS MANUFACTURERS AND DEALERS

SCIENTIFIC GLASS APPARATUS CO —5-A, Prosonnokumar Tagore Street, Calcutta 6 *Makers of Scientific and Medical Apparatus, Govt and Railway Contractors

HOSPITAL FURNITURE MANUFACTURERS

Hospital Appliances Manufacturing Co —101 B, Chittaranjan Avenue, Calcutta 12
Hospital Supply Co —111, Chittaranjan Avenue, Calcutta 12
Jayer & Co —12, Netaji Subhas Road, Calcutta 1
Surgical Antiseptic Dressing Co —194, Old China Bazar Street, Calcutta 1

ICE AND AERATED WATER COMPANIES

Bengal Ice Co Ltd —49, Stephen House, 4, Dalhousie Square, Calcutta 1
Byron & Co (Original Firm) —5, Chowringhee Place, Calcutta 13
Campbell s Minerals Co —6 1 Sudder Street, Calcutta 16
Cotton & Co —18, British Indian Street, Calcutta 1
Crystal Ice & Co —50, Tangra Road, Entally, Calcutta 15

IMPORTERS AND EXPORTERS

Dr Shankar Mukerji —79 3/A, Lower Circular Road, Calcutta 14

INK MANUFACTURERS

Bandyo S & Co —P O Alambazar, Calcutta 35
Banerji, A C —Alambazar, Calcutta 35
Bharat Carbon & Ribbon Mfg Co Ltd —543, Basantalal Saha Road, P O Tollygunge, Calcutta 33
Bishop & Co —Barnagore, Calcutta 36
Calcutta Miscellany —12, Ghose Lane, Calcutta 6

INSECTICIDE MANUFACTURERS

D C M Products (1937) Ltd —9, Convent Road, Entally Calcutta 14
Eastern Physiological Institute —94 Harrison Road, Calcutta 7
Jardine Henderson Ltd —4 Clive Row, Calcutta 1
John Paterson & Co (India) Ltd —14, Netaji Subhas Road, Calcutta 1
Saratin & Co —41, Tengra Road Calcutta 15

IRON AND STEEL WORKS

INDIAN IRON & STEEL CO LTD (Works Burnpur and Kulti, West Bengal) —Managing Agents and Sales Office Martin Burn Ltd, 12, Mission Row, Calcutta 1 Producers of Steel Blooms and Billets, Sections, Light and Heavy Rails, Bars, Black and Galvanised Sheets, Pig Iron, Iron Castings, Spun Iron Pipes, Cast Iron Pipes, etc

JUTE MILLS

Adamjee Jute Mills Ltd — 5, Dalhousie Square, East, Calcutta 1
Anglo India Jute Mills Co Ltd —31, Netaji Subhas Road, Calcutta 1
Bally Jute Co Ltd — 4, Clive Row, Calcutta 1
Barnagore Jute Factory Co Ltd —Barnagore Calcutta 36
Bharat Jute Mills Ltd 29, Strand Road, Calcutta 1

JUTE PRESSES

Atlas & Union Jute Press Co Ltd — 3, Kali Prasonna Singhee Street, Cossipore, Calcutta 2
Calcutta Hydraulic Press Co Ltd —8, Clive Row, Calcutta 1
Camperdown Pressing Co Ltd — 23 A, Netaji Subhas Road, Calcutta 1
Central Hydraulic Press Co Ltd —8, Clive Row, Calcutta 1
Cossipore Hydraulic Press —15, Ratan Babu Road, Cossipore, Calcutta 2

LAC FACTORIES

Angelo Bros Limited —6, Lyons Range, Calcutta 1
Associated Commercial Concerns —14, Bow Bazar Street, Calcutta 12

LEAD MILLS

Dutt, K L, & Sons —1, Nirode Behary Mullick Road, Calcutta 6
India Rolling Mills Ltd —9, Netaji Subhas Road, Calcutta 1

LENS AND OPTICAL INSTRUMENT MANUFACTURERS

Instrument Research Laboratory Ltd —309, Bow Bazar Street, Calcutta 12
Lens & Scientific Instrument Co Ltd —5 2, Old Court House Street, Calcutta 1

LIME, STONE AND CEMENT WORKS

Burn & Co Ltd —12, Mission Row, Calcutta 1
Dr Harendra Kumar Ghosh & Sons —21, Barwantola Road, Beliaghata, Calcutta 10
Indian Patent Stone Co Ltd —Chartered Bank Building Calcutta 1
Swaika Brick Works —Pollock House, 28A, Pollack Street, Calcutta 1
Sylhet Lime Co Ltd —4, Fairlie Place, Calcutta 1

LOCK AND SAFE MANUFACTURERS

Bengal Iron Safe & Lock Works 120, Sovabazar Street Calcutta 5
Bombay Safe & Steel Works —39, Netaji Subhas Road Calcutta 1
Das & Co Lock & Safe Specialists Ltd —Protection House, 31A Barrackpore Trunk Road, P O Cossipore Calcutta 2
Das Lock & Safe Mfg Co Ltd —77B Rash Behari Avenue P O Kalighat Calcutta 26

MACHINE PARTS MANUFACTURERS

Dutt, S K —20 Strand Road, Calcutta 1
Hindusthan Development Corporation Ltd Hindusthan Buildings, 4, Chittaranjan Avenue Calcutta 13
New India Engineering Syndicate —113 G, Netaji Subhas Road, Calcutta 1
Pasupati Engineering Co —2 Dalhousie Square, East, Calcutta 1
Shalimar Foundry Ltd —32 Chittaranjan Avenue Calcutta 13

MACHINE SCREWS MANUFACTURERS

Ashly & Co —28 Strand Road Calcutta 1
Jugal Kishore Karmoker & Bro —12, Jadu Pandit Road, Beadon Street Calcutta 6
Khan Pal Chowdhury & Co Ltd —71A, Netaji Subhas Road, Calcutta 1
Mullick, A M & Co —84 A, Room No 169, Netaji Subhas Road, Calcutta 1

MACHINE TOOLS

Bharatmata Engineering Works —28, Strand Road Calcutta 1
Hardware & Metal Industries Co —30, Netaji Subhas Road, Calcutta 1
Heores Engineering Works Ltd —20, Paul Street, Shambazar, Calcutta 4
Hindusthan Development Corporation Ltd —Hindusthan Buildings, 4, Chittaranjan Avenue, Calcutta 13
India Machinery Co Ltd —29 Strand Road Calcutta 1

MACHINERY MANUFACTURERS

Ashly & Co —28, Strand Road, Calcutta 1
Atlas Works Ltd —119 Ripon Street Calcutta 16
Bengal Metal & Machinery Syndicate —P 39, Mission Row Extension, Calcutta 1
Bery Brothers —135, Canning Street, Calcutta 1
Corporated Engineers (India) Ltd —7, Chittaranjan Avenue, Chowringhee Square, Calcutta 13

MATCH FACTORIES

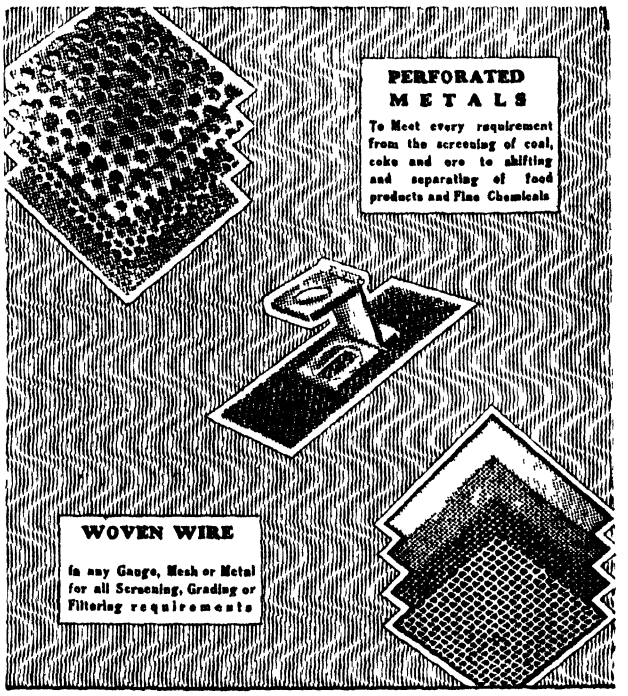
Esavi India Match Manufacturing Co —47, Muraripukur Road, Maniktolla, Calcutta 4
Laxmi Match Ltd —243, Upper Chitpore Road, Calcutta 3

MECHANICAL AND STRUCTURAL ENGINEERS

D N BOSE & CO LTD —12, Kali Das Singhee Lane, Calcutta 9 Mechanical and Structural Engineers Office-Bearers D N Bose, P C Ghosh and S N Dey

METAL & METAL ALLOYS

Binani Metal Works Ltd —38, Strand Road, Calcutta 1
Eastern Metal & Alloy Corporation Ltd —38A, Belgatchia Road, Calcutta
Indian Metals & Alloys Co Ltd —Hide Road, Kidderpore, Calcutta 23
Kamani Metal Refinery & Metal Industries —B 3, Clive Buildings, 8, Netaji Subhas Road, Calcutta 1
Lillooah Steel & Wire Co Ltd —5 B, Muktaram Babu Street, Calcutta 7



STANDARD METAL Company
PROPS P C GUHA & CO LTD
HARDWARE AND MILL STORES
101 NETAJI SUBHAS ROAD CALCUTTA 1

METAL POLISH

Hutchison, J & R Ltd —10 Clive Row, Calcutta 1
Lily Chemical Works —Uttarpara, Calcutta

METAL SMELTERS & REFINERS

Ashok Metal Industries —157, Netaji Subhas Road, Calcutta 1
Associated Metal Industries of India Ltd —16 Mangoe Lane, Calcutta 1
Bengal Ingot Co Ltd —5, Hide Road, Kidderpore Calcutta 23
Bengal Wire Nails Co Ltd —37, Cross Street, Calcutta 7
Binani Metal Works Ltd —38, Strand Road, Calcutta 1

MOULDERS & BRASS FOUNDERS

Bhilias Engineering Co —137, Canning Street, Calcutta 1
India Machinery Co Ltd —29, Strand Road, Calcutta 1
Kapoor, K L & Co —90, Central Avenue (South), Calcutta 12

OFFICE SUPPLIES & EQUIPMENT MANUFACTURERS

Bharat Carbon & Ribbon Mfg Co Ltd —543, Basanta Lal Saha Road, P O Tollygunge, Calcutta 33
Oriental Sealing Wax Co —31, Stephen House, Dalhousie Square, Calcutta 1
Sulekha Works Ltd —Jadavpur Calcutta 32

OIL MILLS

Banga Luxmi Oil Mills —11, Clive Row, Calcutta 1
Banshidhar Bajnath Oil Mills —32 4, Sahitya Parishad Street, Calcutta 6
Basak Oil Mills —44-1, Beadon Row, Calcutta 6
Bhagat Oil Mills —32 4, Sahitya Parishad Street, Calcutta 6
Bharat Oil Mill —243, Upper Circular Road, Calcutta 6

ORCHARDS & NURSERIES

Alexander Nursery —57 1, Durga Charan Mitter Street, Calcutta 6
Bhur Nursery —57-1C, Durga Charan Mitter Street, Calcutta 6
Biswas Nursery —29, Biswas Nursery Lane, Belliaghatta, Calcutta 10
Bolo Nursery —7, Srisidhar Dutt Lane, P O Beadon Street Calcutta 6
Calcutta Seed House —1B, College Row, Calcutta 9

OXIDE OF LEAD MANUFACTURERS

Indian Lead Products Ltd —14, Netaji Subhas Road, Calcutta 1
Indian Red Lead Factory Ltd —14, Netaji Subhas Road, Calcutta 1

OXYGEN & ACETYLENE GAS MANUFACTURERS

Asiatic Oxygen & Acetylene Co Ltd —8, Dalhousie Square, East, Calcutta 1
Indian Oxygen & Acetylene Co Ltd —48 1, Diamond Harbour Road, Calcutta 27

PAPER BOARD MILLS

Himalay Paper & Board Mills — Canning House', 137, Canning Street, Calcutta 1
Mahabir Paper & Board Industries —3 Canal Road, Tollygunj, Calcutta
United Board & Paper Mills Ltd —100, Netaji Subhas Road, Calcutta 1

PAPER MILLS

Aryan Paper Mills Ltd —12, Chowringhee Square Calcutta 1
Bengal Paper Mills Co Ltd —21 Netaji Subhas Road Calcutta 1
Calcutta Paper Mills Ltd 61 Cross Street Calcutta 7
India Paper Pulp Co Ltd —8 Clive Row Calcutta 1
Titaghur Paper Mills Co Ltd —Chartered Bank Buildings Calcutta 1

PEN & PENCIL FACTORIES

Bharati Works —2 Cornwallis Street Calcutta 6
India Pen & Allied Industries Ltd 86/2, Bahir Surah Road, Belliaghatta, Calcutta 10
Indian Small Industries —14, Jamini Kaviraj Row Calcutta 4

PIPES & TUBES MANUFACTURERS

Indian Conduit Pipes Ltd —Stephen House, Dalhousie Square Calcutta 1
National Pipes & Tubes Co Ltd —67 74, Stephen House 4, Dalhousie Square East Calcutta 1

PLASTIC PRODUCTS MANUFACTURERS

Daveo Products Ltd —P31 Mission Row Extension Calcutta 1
Hindusthan Industrial Syndicate —2, Rash Behari Avenue, Calcutta 26
Kiron Products Ltd —15 G, Fern Road Calcutta 19
Pioneer Plastic Works Ltd —46 Strand Road, 3rd Floor, Calcutta 1
Plastics Moulders —38 Strand Road, Calcutta 1

PLYWOOD MANUFACTURERS

Bengal Best Plywood Works —19, Strand Road Calcutta 1
Bengal Bobbin & Plywood Co Ltd —44 46, Canning Street, Calcutta 1
Bengal Plywood —5-H 7, Canal East Road, Calcutta 4
Bengal Plywood Manufacturing Co —1, Commercial Buildings, Calcutta 1
Bengal Saw Mill & Plywood Co —3A, Dr Jagabandhu Lane, Bowbazar Calcutta 12

POTTERIES, BRICK & TILE WORKS

A B C Floors - 13, Dalhousie Square, Calcutta 1
Art Tiles & Concrete Works (India) Ltd —11, Gobra Goristhan Lane, Entally Calcutta 14
Bengal Porcelain Co Ltd —3, Moti Sil Street, Calcutta 13
Bengal Potteries Ltd 45, Tangra Road, Calcutta 15
Bharat Fire Bricks & Pottery Works Ltd —31, Canning Street, Calcutta 1

PUMP MANUFACTURERS

Alihussain, A T & Co —20 Strand Road, Calcutta 1
Allied Iron & Steel Co —12, Dalhousie Square East Calcutta 1
B G H & Co —18, Raja Woodmunt Street Calcutta 1
Darling Pump Manufacturing Co —58, Netaji Subhas Road, Calcutta 1
Hindusthan Plumbers & Traders Ltd —34, Strand Road, Calcutta 1

RADIO MANUFACTURERS, DEALERS AND PART SUPPLIERS

UNIVERSAL RADIO CO.—3/2, Madan Street, Calcutta 13

REFRACTORY MATERIAL MANUFACTURERS

Associated Mining Industries Ltd —4 Lyons Range, Calcutta 1
Balsukh Ceramics Ltd —7, Swallow Lane Calcutta 1
Burn & Co Ltd —12, Mission Row Calcutta 1
Hindusthan Potteries —12 Shib Kristo Daw Lane, Calcutta 7

RICE MILLS

Mahabir Rice Mill —New Basti, P O Tollygunge, Calcutta
Usha Rice Mill Co —32, Tollygunge Circular Road, Tollygunge, Calcutta
Victoria Rice Mills Co —10C, Rajendra Deb Road, Calcutta 7

ROLLING MILLS

Bengal Rolling Mills Ltd —86B Netaji Subhas Road, Calcutta 1
Bhartia Electric Steel Co Ltd —42 Shibtolla Street, Calcutta 7
Chalha Rolling Mills —P 21, Golf Club Road, Tollygunge Calcutta 33
Hindusthan Iron & Steel Co —8, Muktaram Road Calcutta 7
India Rolling Mills Ltd —Stephen House 4 Dalhousie Square, East, Calcutta 1

ROPERIES

Anadi Nath Manna —62 Netaji Subhas Road 2nd Floor, Calcutta 1
Bengal Mercantile Co —7 Swallow Lane Calcutta 1
Bengal Rope Mfg Co —63A Radha Bazar Street, Calcutta 1
Calcutta Rope Manufacturing Co Ltd 22 Raja Woodmunt Street, Calcutta 1
Chatra Cottage Industrial Works Ltd 12, Umakanto Sen Lane, Cossipore Calcutta 2

RUBBER GOODS MANUFACTURERS

Assam Bengal Rubber Works Ltd —11 New Tangra Road, Calcutta 15
Central Rubber Works Ltd —20B, Tangra Road, Calcutta 15
Dunlop Rubber Co (India) Ltd — Dunlop House , 57B, Free School Street, Calcutta 16
East India Rubber Works Ltd —161 Chittaranjan Avenue, Calcutta 7
Goodyear Tyre & Rubber Co of India Ltd —60, Chowringhee, Calcutta 20

SAW MILLS & TIMBER MERCHANTS

Bengal Saw Mill & Plywood Co — 34, Dr Jagabandhy Lane, Bowbazar, Calcutta 12
Bhagwandass Bagla Rai Bahadur 67 22, Strand Road, Calcutta 7
Commercial Timbers — 44 46 Canning Street, Calcutta 1
Dear R & Co Ltd — Clive Buildings, Netaji Subhas Road, Calcutta 1
East India Timber Co —9, Netaji Subhas Road, Calcutta 1

SCIENTIFIC AND SURGICAL APPARATUS AND INSTRUMENTS MANUFACTURERS

Alcock, W J & Co —7, Hastings Street, Calcutta 1
Allied Glass Industries —33, Fakir Chakrabarty Lane, Calcutta 6
Artico —5, Dalhousie Square, East, Calcutta 1
Ashly & Co —28 Strand Road, Calcutta 1
Basmali & Co (India) Ltd —56D, Beadon Street, Calcutta 6

SCIENTIFIC GLASS APPARATUS CO —5 A, Prosonnokumar Tagore Street, Calcutta 6 Makers of Scientific and Medical Apparatus , Govt and Railway Contractors

SEWING MACHINE MANUFACTURERS

Hind Sewing Machines Ltd —14, Sircar Lane Calcutta 7
Joy Engineering Works Ltd —183A, Prince Anwar Shah Road, Calcutta 31
Mullick, K C & Sons Ltd —77 13, Dharamtala Street, Calcutta 13
Tara Sewing Machine Manufacturing Co Ltd —31, Halderpara Lane Howrah

SHIPBUILDERS AND REPAIRERS

East Bengal Engineering Works —2, Rustomjee Parsee Road Cossipore, Calcutta 2
Herman, B R & Mohatta (India) Ltd —19, British Indian Street, Calcutta 1
I G N & Rly Co s Dockyard —44, Garden Reach, Calcutta 24
Shalimar Works —6, Lyons Range, Calcutta 1

SILICATE OF SODA MANUFACTURERS

Calcutta Mineral Supply Co Ltd —31, Jackson Lane, Calcutta 1
Raj Silicate & Chemical Co Ltd —26, Burtolla Street, Calcutta 7
Shewbuxral Rameshwariall —26, Burtolla Street, Calcutta 7.

SILK FILATURES AND MILLS

Aryan Silk & Cotton Mills Ltd —12, Chowringhee Square, Calcutta 1.
Bengal Silk Mills Co Ltd —3, Amratolla Lane Calcutta 1
Calcutta Silk Manufacturing Co Ltd —37, Vivekananda Road, Calcutta 7
Calcutta Silk Mills —5, Narain Babu Lane, Calcutta 7
India Silk & Textiles Ltd —3 & 4, Hare Street, Calcutta 1

SMALL TOOLS

Asiatic Manufacturing Co —84A, Netaji Subhas Road, Calcutta 1.
Basmall & Co (India) Ltd —56D, Beadon Street, Calcutta 6
Bengal Iron & Steel Works —8, Canning Street, Calcutta 1
Buhcr & Co —6 & 7, Netaji Subhas Road, Calcutta 1
Diamond Metal Products Co —22, Raja Woodmunt Street, Calcutta 1

SOAP FACTORIES

Bagmari Soap Factory —27, Bagmari Lane, Calcutta 11
Banga Luxmi Soap Works Ltd —11 Clive Row, Calcutta 1
Behar & Orissa Soap Factory - 28 Raja Brojendra Street Calcutta 7
Bengal Soap Factory Ltd - -N0 11, Paikpara Road, P O Cossipore, Calcutta 2
Chemical House (India) Ltd —P O Dhakuria, Calcutta

SPRING MANUFACTURERS

'A C A Spring Mfg Co —34 Dr Jagobondhu Lane, Calcutta 12
All India Spring Manufacturing Co (Regtd Original Firm) —135, Netaji Subhas Road, Calcutta 1
All India Spring Mfg Co —22 Strand Road, Calcutta 1
Army Engineering Corporation —42, Strand Road, Calcutta 7
British India Spring & Steel Co —67B, Netaji Subhas Road, Calcutta 1

STEEL FURNITURE MANUFACTURE

Acme Manufacturing Co —8 1, Esplanade, East, Calcutta 1
Bengal Iron Safe & Lock Works —120, Sovabazar Street, Calcutta 5
Bombay Safe & Steel Works —39, Netaji Subhas Road Calcutta 1
Bungo Steel Furniture Ltd —57, Diamond Harbour Road, Kidderpore, Calcutta 23
East India Steel Works Ltd —24, Netaji Subhas Road, Calcutta 1

TANNERIES AND LEATHER GOODS MANUFACTORIES

Basak, P & Co —9, Chhidam Mody Lane, Calcutta 6
Basak Sett & Co —P18 Durga Charan Mitter Street, Calcutta 6
Bata Shoe Co Ltd —30, Theatre Road, Calcutta 16
Brand, S B & Co —80, Pathuriaghat Street, Calcutta 6
Calcutta Tanneries (1944) Ltd —14, Netaji Subhas Road, Calcutta 1

TAR PRODUCTS MANUFACTURERS

Mumtaz, H & Co —1, Colootola Street, Calcutta 1
Shalimar Tar Products (1935) Ltd —6, Lyons Range, Calcutta 1

TEA

ORPHAN TEA CO.

18, Raja Woodmunt Street,

CALCUTTA 1, (INDIA)

Grams "ORPHANCHA" Phone Bank 2990

EXPORTERS AND COMMISSION AGENTS

TIN CANISTER MANUFACTURERS AND TIN PRINTERS

Associated Metal Industries of India Ltd —16, Mangoe Lane, Calcutta 1
Bengal Tin Box Mfg Co Ltd —1, Jadunath Mitter Lane Calcutta 4.
Calcutta Tin Factory —14 2, Nirode Behary Mallick Road, Calcutta 6
Dhur Tin Factory 101, Aukhoy Mukherjee Road, P O Barnagore, Calcutta
Ganga Tin Factory —5, Raja Rajkissen Street, Calcutta 6

TOBACCO FACTORIES

Abinash Chunder Dutt & Co —30 Nimtolla Ghat Street, Calcutta 6.
Bengal Tobacco Manufactory —282, Upper Chitpore Road, Calcutta 5
National Tobacco Co of India Ltd —Norton Buildings, 1 & 2, Old Court House Corner, Calcutta 1

TOY MANUFACTURERS

Bengal Toy Industries —22, Canning Street Calcutta 1
Davco Products Ltd —P31, Mission Row Extension, Calcutta 1
Dey, G C & Co —4, Raja Radha Kanta Deb Lane Calcutta 5
Ideal Toys & Aircraft Co —54A, Paikpara Row, Calcutta 37

VEGETABLE PRODUCTS MANUFACTURERS

Hindusthan Development Corporation Ltd —4, Chittaranjan Avenue, Calcutta 13
Hindusthan Vegetable Products Ltd —47, Zakariah Street, Calcutta 7
Kusum Products Ltd —23/24 Radha Bazar Street, Calcutta 1
Sisir Oil Industries Ltd —242 2, Upper Circular Road, Calcutta 4
Snow White Food Product Co Ltd —18 Netaji Subhas Road, Calcutta 1

VICE MANUFACTURERS

India Machinery Co Ltd —29, Strand Road, Calcutta 1
Indian Supercraft Industries —21A, Canning Street, Calcutta 1
International Mechanical & Electrical Works —5 Braunfield Row, Alipore, Calcutta 27
Leslie, W & Co —B3, Clive Buildings, Netaji Subhas Road, Calcutta 1

WATERPROOFING AND DYEING WORKS

Bengal Fast Colour Dye Works —59, Cross Street, Barabazar, Calcutta 7
Bengal Waterproof Works (1940) Ltd —32, Theatre Road, Calcutta 16
Hindusthan Rubber Works Ltd —243-1, Kasba Road, Calcutta 31
India Waterproofing & Dyeing Works —60 2, Dharamtala Street, Calcutta 13
Ras Behary Dey & Sons —82, Old China Bazar Street, Calcutta 1

WEIGHING MACHINE, WEIGHT AND SCALE MANUFACTURERS

Avery Co Ltd — 'Avery House," Waterloo Street, Calcutta 1
Barnagore Scale Manufacturing Co —21, Bhola Nath Street, Barnagore, Calcutta 36
Bhupendranath Das Brothers —84A, Netaji Subhas Road, Calcutta 1
Dhara, M C Engineering Works —38, Kamarpara Lane, Barnagore, Calcutta 36
Girish Chandra Ghosh (Estd 1874) —58, Netaji Subhas Road, Barabazar, Calcutta 7

FORMER PRINCELY STATES

THE integration of what used to be called Princely India with the larger India was completed in 1950

When the process of merger was complete the position of the former 552 Princely States was as follows 216 states with an area of 108,739 sq miles and a population of 19,158 000 were merged with the Governors States Sixty one States with an area of 70,769 sq miles and a population of 7 305,000 were converted into Centrally administered Chief Commissioners States And 275 States with an area of 217,358 sq miles and a population of 40 156 000 were merged into States Unions under Rajpramukhs

The number of Centrally administered units formed out of the old Princely States was 7 Himachal Pradesh, Kutch Bilaspur, Bhopal, Tripura, Manipur, and Vindhya Pradesh

The number of States Unions formed out of the old Princely States was 5 Saurashtra Rajasthan, Madhya Bharat, Patiala and East Punjab States Union, and Travancore Cochin

The total area affected in all was 387,893 sq miles and the population 60,783 000

There were only three former States which retained their old frontiers Hyderabad, Jammu and Kashmir and Mysore

Today the position is the same with two exceptions 1 Ten of the States which at first merged into Vindhya Pradesh were later merged with Uttar Pradesh 2 Out of the seven Centrally administered area three obtained legislatures with a partially responsible Ministry in 1952 These three were Bhopal, Himachal Pradesh and Vindhya Pradesh Himachal Pradesh and Vindhya Pradesh have Lieutenant Governors

PROPERTY AND PRIVILEGES

Every Covenant between a Ruler and the Government of India contains a clause fixing the Rulers privy purse which is calculated to cover the expenses of the Rulers and their families including such expenses as those on residence, marriage, ceremonies, etc

The privy purse is guaranteed by Article 291 of the Constitution, the money being a charge on the Consolidated Fund of India, subsequently to be recovered wholly or partly from the States Governments

The basis of calculation is the revenue of the State For the first lakh the Ruler is allowed 15 per cent, for the next four he is allowed 10 per cent, above 5 lakhs 7½ per cent, the maximum being 10 lakhs This maximum is exceeded only in the case of the Rulers of some of the major States recognized as viable, and even here it is agreed that the amount is to be paid only during the life time of the present Ruler

The total annual privy purse commitments amount to 5 8 crores at the present time When the amounts guaranteed to certain rulers during their life time are refixed the total annual expenditure on this account would be reduced to 4 crores Then there are the savings resulting from fixing the privy purses which will, it is calculated, amount to about two crores exclusive of the savings in Vindhya Pradesh, Patiala and East Punjab States Union, Baroda and Kolhapur

Here, for instance, is a list of the annual pensions which are to be paid to some of the Rulers of the former States during their life time only Jaipur, Rs 18 00 000 Jodhpur Rs 17 50,000 *, Bikaner, Rs 17,00 000 Patiala Rs 17 00,000, Baroda, Rs 26,50,000 Travancore Rs 18 00,000 Indore, Rs 15 00 000 Hyderabad Rs 50 00,000 Mysore Rs 26,00 000 Gwalior, Rs 25 00,000, Bhopal, Rs 11 00 000

Here is a list of other Princes with privy purses amounting to Rs 10 lakhs and over

Kolhapur 10 00 000, Mewar 10 00 000, Nawanagar 10 00,000 Bhavnagar 10 00,000 Rewa 10 00,000

The question of private property was settled by the States Ministry on an *ad hoc* basis, mainly through discussion between the representatives of the Ministry, the Rulers concerned, and the representatives of the Governments of the States or Provinces No uniform system was followed in settling the question The criterion applied was that if a building, for instance, was used exclusively by the Ruler or his family, it was considered to be his private property and if it was used for public purposes, it automatically became the property of the State

The main features of the settlement are The Ruler is entitled to retain the palace in which he lives He can also have one more residential building only, either at a sea side resort or at a hill station All buildings in excess of these are to be made over to the State

In no case is the Ruler allowed to retain any land except where there is positive proof that the land is his ancestral property Even here, he is subject to the tenancy laws of his State and has to pay taxes like any other landowner Generally no forest areas have been given to Rulers, though limited rights of grazing and obtaining fuel have been recognized in some cases Shooting rights are conceded in well defined areas subject to the laws in force in the place The principle involved in agricultural land is that the Ruler is not entitled to any income besides the privy purse In fact, wherever proprietary right over land is recognized it is done mainly on the ground that many ex-rulers have the time and the resources to undertake modern and mechanical methods of farming The States Ministry has however restored to the States administrations thousands of acres of such land and in the case of one Ruler, 154 big villages have been taken away and handed over to the State

The States Ministry declined to recognize the grant of lands made by Rulers to their relatives or others on the eve of integration or merger of their States In cases where such assignments were made long before the integration, the property becomes subject to land assessment and tenancy laws of the Union or of the province

Several Rulers are stated to have parted with their money and investments without demur For example, the Maharaja of Gwalior made over to his Government Bombay Improvement Trust scrips bearing an annual interest of about Rs 50 lakhs Similarly, the Gangajali (reserve fund) of Rs 1,62,37,000 was also given to the State The Maharaja of Baroda agreed to create a trust with a corpus of Rs 2 crores the income from which was to be available for works of public utility in the territory of the former Baroda State and the advancement of education

Jewellery—priceless sapphires, emeralds, diamonds and pearls were all divided into two categories Those actually used by the Ruler himself and those used as regalia at State functions A list was then made of the jewels falling into the latter category and though the Ruler could keep this jewellery in his custody the Union Government or the Provincial Government, as the case may be, were given the right of inspection and check up

The Rulers had a civil list reserve funds intended to relieve the State of the expenditure in connection with marriages, etc This was allowed to be retained by the Rulers

Temples and properties attached to them are constituted into trusts Temples situated within the palaces were classed as personal property

Half the number of cars of Rulers, some of whom maintained fleets of 50 and more, were assigned to the State and are now being used by Ministers and other State officials

Some Rulers were generous enough to make over to the State larger slices of property than they were obliged to do under the terms of the agreement The Maharaja of Travancore for instance granted to the State property to the extent of as much as 20,000 acres

There are some 35 palaces and houses belonging to Rulers in Old and New Delhi about which no decision was taken Some of the States administrations claim them as State property while the Rulers challenge the claim

The States Ministry arranged for the payment of pensions "in deserving cases," which include the aged mothers of certain Rulers, widowed sisters and other near relatives having no personal property

The final result of the award is that most of the Rulers have been left with one fourth of what they considered as their private property, the rest going to their Government

When the administration was taken over the new Governments inherited cash balances and investments of the value of nearly Rs 70 crores During the settlement of the private properties the Rulers gave up their claims to approximately another 4 5 crores Other property given up includes palaces, buildings, stables, garages, shops and aeroplanes

There is a clause in every Agreement which says that all the rights and dignities (enjoyed till then by the Princes) would continue under the new constitution These Agreements are excluded from the jurisdiction of law courts by Article 363 while Article 362 requires every legislative or executive authority to give due regard to the clauses of the Agreement in the exercise of its functions Some of these rights have already been outlined Others may be mentioned here The Princes are guaranteed succession according to law and custom Then there are minor rights and dignities which vary from State to State and are exercisable both inside and outside the State No exhaustive list has ever been drawn up of such privileges and dignities, though some like the use of red plates on cars, immunity from civil and criminal jurisdiction and exemption from customs duties are well known

GENERAL ELECTIONS

Elections were held in Princely India on the same basis of adult franchise as in the former British Indian provinces

The Congress emerged as the largest single party in all Princely States except two It did not succeed in obtaining an adequate majority in PEPSU and Travancore Cochin Unions with the result that ministerial stability in these two Part B States could not be guaranteed

The Congress and other political parties faced bitter opposition from Princes or the candidates belonging to royal families Actually the Congress suffered serious reverses in Rajasthan at the hands of Princes and other royal candidates The late Maharaja of Jodhpur provided the spearhead of electoral opposition and the present Chief Minister of Rajasthan, Mr Jai Narain Vyas was defeated by the Maharaja in person in two constituencies

This provoked political agitation on the part of Congressmen and other candidates who alleged that the Princes had exploited their power, prestige and position for political advantage at the polls It was even alleged that some of them had won elections by means of a campaign of terrorism against the voters

Princely participation in the elections led to a more serious complication in Saurashtra The Congress was returned with an overwhelming majority but after the elections the Congress Ministry had to carry out vigorous investigations into the manner in which some members belonging to royal families had supported Congress opponents

It was alleged that these Princes had helped and supported notorious dacoits of the State in launching a campaign of terrorism against the voters in a desperate effort to dislodge the Congress Ministry and take power Among the Princes and members of royal families who were arrested in this connection were Prince Nirmal Kumar Sinhji of Bhavnagar, Prince Fatehsinhji of Limbdi, a Girasdar leader, Prince Kalika Prashad, younger brother of Maharaja of Morvi, Thakur Chandrasinhji of Dhrol, a member of the Saurashtra State Assembly and Mr Harisingh Gohel, former president of Rajkot Municipality and Secretary of Girasdars Association

* Died in aircrash The present ruler gets Rs 10 lakhs

In PEPSU also the Congress and other parties faced considerable opposition from princely candidates, prominent among them being the Nawab of Malerkotla but the Congress concern in this States Union was due to the fact that the Akali Dal and other opposition parties had reduced its chances of securing an absolute majority

Despite this, the Congress in PEPSU did better than was predicted and managed to form a Ministry with the support of a few independents who came forward to support the Congress

If in PEPSU the right wing parties had snatched away a good number of seats from the Congress, in Travancore-Cochin Union it was the left wing parties that registered an unexpectedly large number of successes The Congress itself was a divided house in Travancore Cochin but it managed to emerge from the elections as the largest single party With the support of a few independents the Congress formed a Ministry though its tenure of office was very precarious

In the second general elections in PEPSU and Travancore Cochin the Congress did well in the former and took office, while in the latter it was defeated though it emerged as the largest single group

STATEMENT SHOWING AREA AND POPULATION OF PRINCELY STATES THAT MERGED WITH UNION STATES

Date of merger	Names of Princely States	No of States	Union State with which merged	Area in sq miles	Population in lakhs	Average pre merger Revenue in lakhs
Jan 1, 1948	Athgarh, Athmalik, Bamra, Baramba Baudh, Bonai, Daspalla Dhenkanal, Gangpur, Hindol Kalahandi, Keonjhar, Khandpara, Narsingpur, Nayagarh, Nilgiri, Pal Lahara, Patna Rairakhol, Rampur, Sonepur, Talchar, Tigiria	23	Orissa	23 637	40 48	98 74
Jan 1, ,,	Bastar, Changbhakar, Chhuikhadan, Jashpur, Kankar, Kawardha, Khairagarh, Korea, Nandgaon Raigarh Sakti, Sarangarh, Surguja, Udaipur	14	Madhya Pradesh	31,598	28 20	88 06
Feb 1, ,,	Makrai	1	Ditto	151	14	25
Feb 23, ,,	Loharu	1	Punjab	226	28	1 96
Feb 23, ,,	Banganapalle	1	Madras*	259	45	3 25
Mar 3, ,,	Pudukkottai	1	Madras	1,185	4 38	27 56
Mar 3, ,,	Dujana	1	Punjab	91	31	4 16
Mar 8, ,,	Akalkot, Aundh, Bhor, Jamkhandi, Jath, Kurundwad (Junior), Kurundwad (Senior), Mudhol, Ramdurg Sangli, Janjira, Phaltan Savanur, Savantwadi, Wadi Jagir, Miraj (Junior), Miraj (Senior)	17	Bombay	7,651	16 93	142 15
April 7, ,,	Pataudi	1	Punjab	53	22	4 26
May 18, ,,	Seraikella Kharsawan	2	Bihar	623	2 05	6 45
June 10, ,	The 17 full jurisdictional Gujarat States of Balasinor, Banada, Baria, Cambay, Chhota Udaipur, Dharampur, Jawhar, Lunawada, Rajpipla, Sachin, Sant, Idar, Radhanpur, Vijayanagar, Palanpur, Jambhugodha Surgana and non jurisdictional thanas, estates and talukas of Gujarat	144	Bombay	17,680	26 24	165 00
Nov 6, ,	Danta	1	Ditto	347	31	—
Jan 1, 1949	Mayurbhanj	1	Orissa	4,034	9 91	46 87
Jan 5, ,	Sirohi †	1	Bombay	1,994	2 39	—
Mar 1, ,,	Kolhapur	1	,,	3,219	10 92	128
April 1, ,	Sandur	1	Madras	158	16	—
May 1, ,	Baroda	1	Bombay	8,286	28 55	700
Aug 1 ,,	Tehri Garhwal	1	U P	4,516	3 07	—
Oct 15, ,,	Banares	1	Ditto	866	4 51	—
Dec 1, ,,	Rampur	1	Ditto	894	4 77	—
Jan 1 1950	Cooch Behar	1	W Bengal	1 321	6 41	—
	Total	216		108,739	191 58	—

† Partitioned between Bombay and Rajasthan

* Now Andhra

AREA AND POPULATION OF PRINCELY STATES WHICH WERE FORMED INTO CENTRALLY ADMINISTERED AREAS*

Date of merger	Names of Princely States	No of States	Name of Area	Land Area in sq miles	Population in lakhs
April 15, 1948	The Punjab Hill States of Baghal, Baghat Balsan Bashahr Bhajji Bija Darkoti, Dhami, Jubbal Keonthal Kumarhsain Kunihar, Kuthar Mahlog, Sangri, Mangal, Sirmur, Tharoch, Chamba, Mandi and Suket	21	Himachal Pradesh	10,451	9 83
June 1, ,,	Kutch	1	Kutch	16,724	5 68
Oct 12, ,,	Bilaspur	1	Bilaspur	453	1 26
June 1, 1949	Bhopal	1	Bhopal	6 878	8 36
Oct 15, ,,	Tripura	1	Tripura	4 032	6 39
Oct 15, ,,	Manipur	1	Manipur	8,628	5 78
Apr 4, 1948	Ajaigarh, Baoni, Baraundh, Baljawar, Chhatarpur, Charkhari, Datia Maihar, Nagod Orchha Panna Rewa Samthar Alipura, Banka Pahari Beri, Bhaisaundha, Bihat, Bijna Dhurwai Gaurihar, Garrauli, Jaso Jigni, Kamta Rajaula, Khaniadhana Kothi, Lugasi, Naigawan Rebai Pahara, Paldeo (Nayagaom), Sarila, Sohawal, Taraon and Tori Fatehpur†	35†	The United State of Vindhya Pradesh	23,603	35 75
	Total	61		70,769	73 05

* After the general elections of 1952 Ministries were formed in the following States Himachal Pradesh, Bhopal, Vindhya Pradesh They cannot now be regarded as Centrally administered areas Himachal Pradesh and Vindhya Pradesh have Lieutenant Governors

† Ten of these were later merged with U P

AREA AND POPULATION OF PRINCELY STATES WHICH WERE FORMED INTO UNIONS

Date of merger	Names of Princely States	No of States	*Name of Union*	Land Area in sq miles	Population in lakhs
April 15, 1948	222 Units including the 31 jurisdictional States of Nawanagar, Bhavnagar, Porbandar, Dhrangadhra, Morvi, Gondal, Jafrabad, Rajkot, Wankaner, Palitana, Dhrol, Chuda, Limbdi, Vadhwan, Lakhtar, Sayla, Vala, Jasdan, Amarnagar (Thana Devli), Vadia, Lathi, Muli, Bajana, Virpur, Maliya, Kotda Sangani, Jetpur, Bilkha, Patdi, Junagadh and Khirasra	222	Saurashtra	21,451	41 37
June 16, ,,	Alirajpur, Barwani, Dewas (Senior), Dewas (Junior), Dhar, Gwalior, Indore, Jaora, Jhabua, Khilchipur, Narsingarh, Rajgarh, Ratlam, Sailana, Sitamau, Jobat, Kathiawara, Kurwai, Mathwar, Piploda, Muhammadgarh, Pathari, and the Bhumia estates of Nimkhera, Jamnia, and Rajgarh	25	Gwalior Indore-Malwa Union — Madhya Bharat	46,478	79 54
July 15, ,,	Patiala, Kapurthala, Malerkotla, Faridkot, Nabha, Jind, Nalagarh and Kalsia	8	Patiala and East Punjab States Union	10,078	34 94
April 18*, ,,	Jodhpur, Jaipur, Bikaner, Jaisalmer, Banswara, Bundi, Dungarpur, Jhalawar, Kishangarh, Kotah, Partabgarh, Shahpura, Tonk, Udaipur, Alwar, Bharatpur, Dholpur and Karauli	18	The United State of Rajasthan*	130,207	152 91
July 1, 1949	Travancore, Cochin	2	Travancore-Cochin Union	9,144	92 80
	Total	275		217,358	401 56

* The original Rajasthan State was formed on April 18, 1948, Jodhpur, Jaipur, Bikaner and Jaisalmer joined it on April 7, 1949 the Matsya States of Alwar, Bharatpur, Dholpur and Karauli were integrated with it on May 15, 1949

HYDERABAD STATE

Capital Hyderabad

Districts Aurangabad, Bhir, Parbhani, Nanded, Gulbarga, Raichur, Osmanabad, Bidar, Medak, Mahbubnagar, Nalgonda, Nizamabad, Hyderabad, Warangal, Kareemnagar, Adilabad, Khammam

Hyderabad State, formerly known as the Nizam's Dominions, forms the eastern portion of the Deccan The State lies between 15°10′ and 20°40′ N, and 74°40 and 81°35′ E, covering an area of 82,168 square miles The population according to the 1951 census is 18,655,108 The languages spoken are Telugu, Marathi, Kanarese, Hindi, Lambadi and Urdu

About two thirds of the State consists of an extensive plateau with an elevation varying from 1,250 to 3,000 feet above sea level The remaining portion lies at a lower altitude reaching down to 350 feet above sea level

The river system of the State consists of two great basins, that of the Godavery and the Krishna The former with a length of more than 600 miles in the State has a number of tributaries, the chief of which are the Painganga, the Wardha and the Parentha from the north, and the Manjera and the Maner from the south The Krishna forms the boundary of a number of Districts in the State and also part of the southern frontier of the State Among its tributaries the most important are the Bhima, the Musi on which the capital stands, and the Tungabhadra, which forms the southern boundary of the Raichur Mudgal Doab The State, specially the Telingana region, abounds in tanks and artificial lakes constructed mainly for the purpose of irrigation

The State may be divided into two fairly definite regions, the western, generally called Marathwada and the eastern called Telingana, although the State contains some Kanarese speaking population as well If a line were drawn from the confluence of the Tungabhadra and the Krishna in the south to the confluence of the Manjera and the Godavery in the north, and extended right up to the Hyderabad-Berar boundary, this would serve as a good demarcation of the two tracts The two regions differ not only linguistically but also in their physical formation, for the Marathwada is covered by trappean rock, while the Telingana has granitic and calcareous formation The western trap or black cotton soil region (which is continued northward in Berar) is the land of wheat and cotton, while the granitic Telingana is the land of rice and jowar Moreover, the former is covered with luxurious vegetation, cliffs, crags and undulating hills, while in the granite and limestone region the hills are bare of vegetation and the land is covered with huge fantastic tors and boulders Also as the soil in the east is sandy, the rivers dry up in hot weather, necessitating the storage of water in tanks and artificial lakes for purposes of irrigation

POLITICAL SET-UP

Since, H E H the Nizam agreed to integrate Hyderabad State with the Indian Union the contemplated elections to form a constituent assembly were cancelled, and instead General Elections were held under the new Constitution of India The new Legislative Assembly consists of 175 members including 31 members of Scheduled Castes and 2 of Scheduled Tribes The State returns 25 members to the House of the People out of which 4 seats are reserved for Scheduled Castes The elected members of the Legislative Assembly have returned 11 members to the Council of States

Almost all the local bodies have been reorganised so as to be representative in character

Besides the two Corporations of Hyderabad and Secunderabad, there are 26 Municipal Committees, 125 Town Committees and 16 District Boards functioning at present in the local administration of the State

CIVIL DIVISIONS

For purposes of revenue administration the State is divided into 17 Districts and 138 Taluqs (including 9 Mahals, *i e* Sub-Taluqs)

Each District except Khammam is under a Collector assisted by a Revenue Assistant, and each subdivision consisting of two to four taluqs is placed in the charge of a Deputy Collector Khammam is placed under an Additional Collector with the over-all supervision of the Collector, Warangal

The names of the Districts, Taluqs and Mahals into which the State is divided are as follows —

Aurangabad District Aurangabad, Kannad, Vaijapur, Gangapur, Bnokardan, Ambad, Patthan, Jalna, Jafferabad, Khuldabad and Sillod

Bhir District Mominabad, Manjgaon, Gevrai, Bhir, Ashti, Patoda and Kalji

Parbhani District Parbhani angakhed, Pathri, Jintur, Hingoli, Basmat and Kalamnuri

Nanded District Deglur, Kandhar, Billoli, Nanded, Hadgaon, Bhokar, Mukhed and Mudhole.

Gulbarga District Aland Gulbarga, Chitapur, Afzalpur, Shahpur, Jeevargi, Tandur, Seram, Kodangal Chincholi, Yadgir and Shorapur.

Raichur District Raichur, Gadwal, Alampur, Manvi, Deodrug, Lingsugur, Gangavati Sindhnur, Kopbal, Yelburga and Kushtagi

Usmanabad District Latur, Tuljapur, Usmanabad, Kalam, Omerga, Owsa, Bhoom and Parendah

Bidar District Homnabad, Udgir, Ahmedpur, Nilanga, Bidar, Zahirabad, Naryankhed, Suntapur and Bhalki

Medak District Medak, Siddipet, Sangareddi, Vikarabad, Narsapur, Gajwel and Andole

Mahbubnagar District Mahbubnagar, Makhtal, Pargi, Shadnagar, Wanaparti, Kalwakurti, Atmakur, Nagarkurnool, Kolhapur and Achampet

Nalgonda District Bhongir, Jangaon, Miriyalguda, Devarkonda, Rammannapet, Huzurnagar, Nelgonda and Suriyapet

Nizamabad District Nizamabad, Kamareddi, Armur, Yellareddi, Bodhan and Banswada

Hyderabad District Hyderabad West, Shahabad, Hyderabad East, Medchal and Ibrahimpatan

Warangal District Warangal, Parkal, Mulug, Mahbubabad, Borgamphad, Yellandu, Paloncha, Khammam and Madhira

Karimnagar District Jagtiyal, Sirsilla, Huzurabad, Parkhal Metpalli, Mahadeopur, Karimnagar and Sultanabad

Adilabad District Adilabad, Kinwat, Boath, Nirmal, Asifabad, Sirpur, Rajura, Chinnur, Laksettipet, Khanapur and Utnur

The total population of the State as has already been stated is 18,655 108 There are over 22,000 villages Hyderabad City, the capital, has, according to the last census in 1951, a population of 1,085,722 (includes Secunderabad), Warangal 133,130, Aurangabad 66,636, Gulbarga 77 189 Besides Telugu, Kanarese, Marathi and Urdu, which are the chief languages of the State, there are languages so geographically apart as Tamil, Punjabi, Malayalam, Rajasthani, Gujarati and Bengali

COMMUNICATIONS AND TRANSPORT

The City of Hyderabad is the railway communications centre From here lines radiate east, south, west and north The line which goes east passes through Warangal and joins the Madras Calcutta line at Bezwada The line which goes south connects with the Madras Bombay line at Guntakal The western line links up with the Madras Bombay line at Wadi The northern line goes northwest rather than north and joins the main Bombay Bhusaval line at Manmad The total mileage open for traffic is 139,566 This Railway is now in the Central Railway system

The Railway used to operate a Road Transport Service covering 5,116 miles, which has now been converted into an R T Corporation This includes suburban and district services A large fleet of buses is maintained for this purpose

The State has 6,176 miles of road of which 5,368 miles are metalled 746 miles murum road, 51 miles C C road and 10 miles tar road In addition to the above, a further length of about 400 miles of other roads is under construction

Hyderabad City is connected by air with Bombay, Nagpur, Madras and Bangalore There are 2 major aerodromes in the State - Begumpet and Hakimpet aerodromes There are also one intermediate aerodrome, 4 minor aerodromes and 2 landing strips

Hyderabad City has an automatic telephone system with one main exchange and three satellite exchanges and with 1,798 connections in the City and in the suburbs

Besides the above, there are Telephone Exchanges at Warangal, Janogan and Bhongir, connected to Hyderabad by long distance lines There are also Telephone Exchanges at Raichur Nanded, Nizamabad, Latur, Jalna and Aurangabad These Exchanges have also been connected to All India Trunk to encourage business and thus enhance trade

Thirty eight Public Call Offices are working in Hyderabad, Aurangabad, Bhongir, Bidar, Bhir, Jangoan, Jalna, Kurnool, Kurnoolpeta, Kurnool Chowk, Naravanguda, Raichur, Trimulgherry, Warangal, Secunderabad S O, Kingsway Post Office, Bolaram Bazar Post Office, Trimulgherry Post Office, Gulbarga, Jadcherla, Khammameth, Nizamabad, Sailoo, Nanded, Peddapalli Perbhani, Nalgonda, Mahboobnager, Barsi, Gadwal, Shahabad, Latur, Karimnager, Hingoli, Alland, Yadgiri, Osmanabad, and Sirpur Kagaznager These stations put through Trunk Calls, all over India and foreign countries

Eleven Radiophone Stations have been opened at Hyderabad, Munirabad, Aurangabad, Raichur, Kothagudam, Nizamabad, Nizamsagar, Nanded, Osmanabad, Bidar and Adilabad These stations put through Trunk Calls, in addition to accepting messages from the public where there are no telegraph offices

Seventy seven Combined Offices have also been opened in Hydera bad to facilitate the receiving and sending of telegrams to all places Besides this a Phonogram system has also been introduced in the State which enables telephone subscribers to send and receive their messages over their telephones

The telephone system was taken over by the Indian Posts and Telegraphs Department on April 1, 1950

There are two radio broadcasting stations, one at Hyderabad and the other at Aurangabad, the latter being a regional station Both these are now controlled by A I R

MINERAL RESOURCES

Hyderabad has long been known for gold diamond and iron mines, the Konasamudram steel known as Indian wootz was used in the manufacture of the world famous Damascus swords

At present coal is mined at Kothagudium Tandur Sasti and Yellandu and the output from all the coalfields in 1952 was 14 34,194 tons

Gold was being mined at Hutti in Raichur District and the Hutti (Nizam s) Gold Mines Ltd , which had a successful career for nearly 20 years closed down its operation in 1920 after the first world war Gold mining has been revived at Hutti and a new company the Hyderabad Gold Mines Ltd , was formed to work the mines Production started in October 1948, and output of gold in 1952 was 9,291 53 fine ounces

The world famous Golconda diamonds were mined along the Krishna valley particularly round about Partial in Warangal District In the nineties of the last century, the Hyderabad Deccan Co worked the Partial mines and collected about 3,444 stones weighing 2 085 carats Since then there has been no serious effort to prospect or mine for diamonds

The iron ores of Hyderabad are mostly siliceous low grade ores and are abundantly found in Adilabad Karimnagar, Warangal and Raichur Districts The quantity of iron ores available in these localities is estimated at about 40 million tons ranging upto 40 per cent iron , the richer ores do not occur in large quantities anywhere The Hyderabad coals are non coking and the exploitation of the iron ores has to wait modern developments in the technique of iron smelting

There are abundant ceramic raw materials likeKaoline white and refractory clays felspar and quartz suitable for the manufacture of pipes pottery porcelain sanitary ware, refractory bricks as well as glass The clay deposits of Adilabad and Bidar Districts supply raw material for local consumption About 1,957 tons of white clay were quarried in 1952

The Muscovite (ruby) mica deposits of Kallur, and graphite mines in Palonchа in Warangal District, produce marketable quantities of the materials Abrasive materials like corundum, garnet staurolite and other valuable minerals like zircon kyanite and andalusite are found in parts of Warangal District About 1,000 lb of mica was produced in 1950

Stray deposits of chromite occur in Madira taluq while old workings for copper have been noted in Raichur Gulbarga, Warangal and Nalgonda Districts Extensive old workings also occur near Yellamballu not far from Kothagudium collieries Iron pyrites, a source for sulphur in sulphric acid manufacture, is found as thin layers and lenses in the coal seams at Tandur and Kothagudium but only about 30 to 40 tons of the mineral can be collected in a month from both the collieries

Soapstone or steatite deposits in Karimnagar District are worked by Sirpur Paper Mills which quarried 205 tons of the material in 1952, for use in their factory Coloured clays ochres, lithomarge and bole suitable for paints and distempers are found in commercial quantities in various parts of the State During 1950 39 tons of red ochre was extracted

The building stones of Hyderabad are perhaps one of the most important and useful mineral assets of the State The hard, durable and varied coloured granites yield unlimited supplies of excellent building material for heavy construction and decorative work They take a smooth and fine polish The lime stone deposits supply large quantities of flag stones for flooring and roofing and also for construction purposes These limestones are available in different colours, take a fine polish and provide excellent material for flooring and design work The Government controlled limestone quarries produced about 2 00 438 tons of flagstones and 45 764 tons of building stones in 1952

Marble in white, grey, yellow, black and streaked varieties is obtained in large quantities in Warangal District The quarries worked successfully in the recent past, and there is a large scope for the development of this industry on a large scale Marble is also burnt for making superior quality lime About 44 tons of marble were extracted in 1952

The limestones are suitable for cement manufacture The Associated Cement Co , Ltd , at their Shahabad Works, use the locally available limestones and shale as raw material In 1952 the output of cement was 1,88,720 tons and the company quarried 2 24,723 tons of limestone

FORESTS

The State possesses 9,455 square miles of forest The forests in the east are good, while those in the west have little economic value The principal forests are situated in the Districts of Adilabad, Warangal, Karimnagar and the Amarabad Taluq of the Mahbubnagar District Forests capable of producing fine timber are confined to the eastern parts of Adilabad, Karimnagar and Warangal Districts along the river Godaveri The State has 7,304 acres under afforestation and 1,000 families are engaged in afforesting the waste belts of the Marathwada Districts

AGRICULTURE

Agricultural conditions differ considerably in the three main regions of the State In the Telingana tract, which is generally full of hills and valleys, wet cultivation is carried on a large scale, the water being supplied by tanks and irrigation reservoirs The number of major tanks is 8 000 and of minor 25 000 Conditions in the Marathwada country are quite different as the rainfall is less and the soil so rich that the ryots are never anxious to grow wet crops In some places advantage has been taken of the water obtainable from rivers and wells, and garden crops which are more profitable than dry crops, are extensively grown Conditions in the Karnatak tract are much the same as in the Marathwada, and the ryots are not anxious to grow rice This is the reason why the Telingana people generally have rice and the Marathwada and Karnatak people wheat or jowar

There are usually four crops in the year in the Telingana, namely, *kharif*, *rabi*, *abi* and *tabi*, but in the Marathwada where irrigation sources are very limited only two crops are raised namely *kharif* and *rabi* These are known as dry crops because they are cultivated without the help of artificial irrigation and depend on the monsoon rains The principal *kharif* crops are yellow jowar, bajra cotton, sana kodru, til, groundnut castor, kangi, maize and pulses such as moong, urad, toor and kulthi The principal *rabi* crops are cotton, white jowar, chenna (Bengal gram), karad wheat, linseed, chillies sugarcane and tobacco

Hyderabad is second in the Indian sub continent only to the pre partition Punjab and Madras in the number of horses and sheep The State has excellent indigenous types of cattle, classified as the Krishna Valley type the Red Khandari type the Deoni type, and the Malvi type Buffaloes however form the main source in most Districts for the supply of milk and ghee There is a special breed of buffaloes in the western tracts of the State and these are a very satisfactory source of supply of both milk and ghee Stud bred stallions have been posted in the Marathwada tracts while the Stud Farm at Hingoli has been transferred to the Army A sheep breeding farm has been established at Mahbubnagar Cross breeding with the Bikaner type is making good progress

Main food crops of the State Rice Wheat Barli, Jowar Bajra Maize Ragi and other small millets

Main cash crops of the State Groundnut Castor Linseed, Sesamum Sugarcane Cotton and Tobacco

Total production of Food Crops 16,66 519 tons

Production of individual food crops in 1951 52 Rice (4 36 197 tons) Wheat (45 541 tons) Barley (3 057 tons) Jowar (9 64,948 tons) Bajra (1 04 707 tons) Maize (35 047 tons), Ragi (14,496 tons) Other small millets (62 526 tons)

Production of individual cash crops in 1951 52 Groundnut cake (5 76 087 tons), Castor (60,648 tons) Linseed (31 315 tons) Sesamum (48 868 tons), Rape and Mustard (442 tons) Other Oilseeds (56 147 tons) Sugar cane (2 16,053 tons), Cotton (4,30 012 Bales), Tobacco (4,910 Tons)

Total area of the State in 1951 52	5 29 26,720 acres
Total area cultivated	2 41 69,392 ,,
Total area un cultivated	2,81,57 328 ,,
Total area under wet cultivation	17,94 000 ,,
Total area under food crops	1,21,70,015
Total area under cash crops	83,42,981 ,,

Area under individual food crops in 1951 52 Rice (15,56 819 acres) Wheat (4,78 164 acres) Barley (19,463 acres) Jowar (75 68 452 acres), Bajra (12 81 024 acres), Maize (3,67,897 acres), Ragi (3 19,255 acres), Other small millets (7,71 041 acres)

Area under cash crops Groundnut (20,75 004 acres), Castor (9,19,457 acres), Linseed (4 17 435 acres) Sesamum (7,30 267 acres) Rape and Mustard (7,007 acres) Other oilseeds (9,30 510 acres) Sugar cane (1,02 502 acres), Cotton (31,37,341 acres), Tobacco (22,458 acres)

Cultivable waste lands in 1952 9,96,556 acres

In the Crop Competition held in 1951 52 the results were as follows beginning with the highest yield per acre Paddy—Abi Nizamabad District, 7,650 lbs Paddy— Iabi Mahbubnagar District, 7,040 lbs Jowar - Kharif, Nanded District 3,760 lbs , Jowar —Rabi (un irrigated), Bhir District 3 328 lbs , Jowar Rabi (irrigated), Osmanabad District, 4,000 lbs , Jowar—Rabi (irrigated) Aurangabad District, 4,000 lbs , Wheat (un irrigated), Aurangabad District, 2,020 lbs , Wheat (irrigated), Bhir Distric , 2,400 lbs.

STATEMENT SHOWING THE AREA, PRODUCE AND VALUE OF FRUIT CROPS IN HYDERABAD STATE

Name of fruit	1952		Value in Rupees
	Area in Acres	Produce of each in Tons	
Banana	9 359	2 33,975	1 96,53,900
Citrus	12 247	61,235	30,61 750
Mangoes	4 880	24 400	48,80 000
Guava	4 830	24 150	24,15,000
Fig and Pomegranate	733	1 099	1 09,900
Grape	317	4 755	2 377,500
Miscellaneous fruits	9 015	9 015	4,50,750
Total	41 381	3 58,629	3 29 48 800

STATEMENT SHOWING THE AREA PRODUCE AND VALUE OF VEGETABLE CROPS IN HYDERABAD STATE 1952

Kind of Vegetables	Area in Acres	Produce of each variety in tons	Value in Rupees
Lady s finger	13 366	33,415	66 83 000
Sweet Potato and other root crops	10 416	52 080	1 04 16 000
Brinjal	8 591	21 477	42 95 400
Greens	8 284	12 426	37 27 800
Tomato	4 209	10 522	10 52 200
Potato	927	3,808	15 23 200
Cabbage and Cauliflower	714	2,142	8 56 800
Total	46 507	1 35 870	2 85 54 400

Total number of Cattle 9,219,980, Buffaloes 2 522 336 Bullocks 453,379, Horses 89 951 Sheep 3 880 759 Goats 2 313 292 Lowls 3 133,591 Donkeys 62,601 Stud Bulls in the State 40 430 Stud Buffalo Bulls 12 199

Number of Veterinary Experimental Stations 2 Veterinary Hospitals 28 Veterinary Surgeons 62 Stockmen 34

Number of Doses of Vaccines prepared H S 3 91 200 B Q 2 09 610 A R P 96 500, Anthrax Vaccine 11 360 Tissue Vaccine 77 65 000

Budget allotment for Veterinary Department for the year 1953 54 Rs 20 01 000

Number of animals that can be accommodated at all the Hospitals of the State 175

STATE HELP FOR AGRICULTURE

Names of manures and seeds and their quantities distributed by the State during the year 1951 52 Groundnut cake 7 808 tons Paddy mixture 8,893 tons Other fertilizers 1,145 tons Compost, Rural 74 288 tons, Compost Urban 48 469 tons Green manure seed 198 tons, Rice seed 1 32 035 md , Jowar seed 11 341 md Wheat seed 6,426 md , Potato seed 6,000 md

Number of new wells constructed 905
Number of old wells repaired 392

Supply of oil engines 842, Rahats 87, Tractors 22 Ploughs 527

Number of farms in the various districts of the State 17

Plant protection services

Distribution of sulphur 42,492 lb Distribution of Paddy Hispa 16,476 acres

Budget provision for Grow More Schemes for 1952 53
Compost H S Rs 23,000
Oil cake and fertilizers H S Rs 76,86,207
Quantity of improved seeds distribution H S Rs 79 83 299
Agricultural implements distributed or loaned H S Rs 3 lakhs

Monetary help given by Government to cultivators Award of prizes H S Rs 1 80,453

Total amount of 'D Experimental farms H S Rs 5 57,100
Total amount of F 7 Schemes for control H S Rs 5,23,337

INDUSTRIES & TRADE

Total number of registered factories in the State 1,061

Average daily number of workers employed in the factories 70 721

Number of registered factories in individual industries with the average daily number of workers employed in each industry within brackets Ginning 124 (2,246), Rice milling 61 (677) Oil expelling 11 (289) Ginning and Pressing 58 (5 595) Ginning, Pressing and Decorticating 16 (1,407) Ginning, Decorticating and Oil 54 (1,714) Ginning Pressing, Decorticating and Oil 12 (1 448) Decorticating and Oil 62 (1,710) Decorticating and Rice 29 (417) Decorticating, Rice and Oil 88 (2 028) Beedi 101 (6 613) Fanneries 27 (1,188), Printing 34 (1 647), Saw milling 16 (293) Maintenance of Automobiles 27 (1,278), Button 18 (6 79) Textile 16 (14 440) Sugar 3 (1,991) Paper 1 (2 412) Glass 2 (1 254) Cigarettes 4 (1,873), Cement 1 (2,445) Asbestos Cement 1 (463) Handloom weaving 4 (235), Electricity generation 10 (1 401) General Workshop 27 (1 178) Liquor distillation 2 (266), Maintenance of Aircraft 1 (434), Machine Tool 1 (351) Metal Industry 7 (1 345) Mint and Stamps 1 (330) Hume Pipes 6 (178) Safety Matches 15 (932) Chemicals Pharmaceuticals and Fertilizers 4 (446) Blending and packing of Tea 1 (280) Others 216 (5,838)

The rice mills are numerous in the districts of Nizamabad Warangal Medak, Mahboobnagar Nalgonda and Karimnagar Oil crushing mills are situated in the districts of Warangal Gulbarga Raichur Nalgonda Mahboobnagar and Karimnagar Cotton ginning and pressing factories are found in Aurangabad Parbhani Raichur Nanded Bhir, Gulbarga and Adilabad The largest number of factories engaged in beedi and tobacco products are in Nizamabad District followed by Aurangabad Gulbarga Warangal and Mahboobnagar Districts

The State has 6 cotton mills (Hyderabad Gulbarga Warangal, Nanded and Aurangabad) producing annually 6 54 52 000 yards of cloth and 2 03 29 000 lb of yarn The sugar factory at Bodhan in the Nizamsagar area produces annually 21 000 tons of sugar and the Sirpur Paper Mills (Adilabad District) produce 5 250 tons of paper The production of cement (Gulbarga District) amounts to 1 86,000 tons of power alcohol (Nizamabad District) 41 5,000 gallons and of cigarettes about 45 crores

Names of minerals produced in the State showing within brackets their output value and labour employed during 1952 Coal (14 34 194 tons Rs 3 05,86 549 16 132 workers) Gold (9 291 53 fine oz Rs 25 33 079 1 227 workers) Limestone (4 70 935 tons Rs 32 13,794 8 357 workers) Marble (14 tons, Rs 1 760) Mica (600 lb Rs 160 16 workers) Graphite (39 tons Rs 3 900 53 workers) Garnets (30 tons Rs 1 800 40 workers) Red Ochre (57 tons Rs 1 530 13 workers) Steatite (20 5 tons Rs 22 839 63 workers) Slate (12 tons Rs 72 10 workers) Sand (63 719 tons Rs 1 63 584 312 workers) White Clay (1 957 tons Rs 20 565 107 workers) Quartz (1 965 tons Rs 8,225 224 workers) Lime kanker (4 387 tons Rs 3 755 110 workers) Building stones (11 29 608 tons Rs 21 37 374 820 workers) Mill stores (877 tons, Rs 1 920 40 workers)

The total number of companies on the register at the end of December 1952 was 234 out of which 222 companies were limited by shares The authorised issued, subscribed and paid up capital of the above companies was approximately Rs 46 crores Rs 22 crores and Rs 17 crores respectively

COTTAGE INDUSTRIES

Small scale and cottage industries consist of yarn spinning cloth weaving, Paithan industry of gold embroidery, Aurangabad Himru, Mashru and Kamkhab, blanket making cloth dyeing and printing, silk weaving, wool carpet and durry making, Bidriware silver filigree work, Nirmal toys work, hand made paper, metal industry, tanning, button industry, soap manufacture cane work brush work, mat making tusser work clay work brass industry, brick and tile making, carpentry smithy rattan work, biscuit making fruit and vegetable processing bangle manufacture perfumery tape making, Shatranji making, knife and scissors, ceramics, salt, jaggery and sugar, Palm gur, oil, ivory and horn work, matches

The rural areas in Hyderabad State have the largest share of the Cottage Industrial establishments functioning in the State The total number of Cottage Industrial establishments in the State is 2 21 697 These establishments do not come under the purview of Indian Factories Act or Indian Mines Act The total number of Textile Establishments is 96 514 and non textiles is 1 25 183 The total number of Handlooms working in Textile establishments is 1 31,649, out of which 1 15,115 are cotton looms and 16 534 other than cotton looms (woollen and silk)

The approximate total number of persons employed in the various types of small scale and cottage industries is as follows

Textile Cotton Spinning and Weaving (2,39 442) Woollen Spinning and Weaving (37 919) Silk reeling twisting and weaving (4,437), Manufacture of rope, twine string etc (9 874)

Non Textile Salt making (734) Food industries (6 123) Oil extraction (12 489) Dairy products (2 801) Gur manufactures (64 864) Beedi making (12 661) Tailoring (5 710) Cobblers (47 730) Blacksmiths (16,867) Copper and Brass workers (2 892) Cart making (4,083), Toilet and Soap manufacturing (1,446) Gold smiths (19 154) Bricks and Tiles (2 955) Potters (48 123) Lime burners (2 834) Carpenters (24 281) Basket makers (26 970) Furniture and Wood industry (3 204) Paper industry (185) Printers and Bookbinders (1 023) Glass bangles (381) Toy makers (486)

The budget provision for expenditure on schemes for the development of Cottage Industries under Commerce & Industries Directorate during 1953 54 is as under

Reorganisation of small scale industries in Indian Government Rs 1,96,800, Palm Gur Scheme, Rs 21,850, Village Industries Training Centre Rs 97 940 Textile Designing Scheme Rs 17 890, Integrated Village Industries Development Scheme Rs 4 50,489, Cottage Industries Sales Depot, Rs 50,960, Sericulture Development Scheme, Rs 19,410

TRADE

The principal imports during the year 1951 52 in O S Rs in lakhs were as follows

Piece goods (cotton, silk, and woollen) 14,89 29 Industrial machinery 4 22 31 Metals and their manufacture, 3 51 04 Petrol, 1,82 53, Foodgrains, 6,23 72 Others, 48,63 05

Total imports O S Rs 79 31 94 lakhs

The principal exports during the year 1951 52 in O S Rs in lakhs were as follows

Cotton 15 51 82 Edible oils, 11 72 28, Oil seeds 10 27 02, Coal, 1,43 57, Hides skins and leather 1 22 98, Foodgrains, 3 98 33 Others, 11 03 82

Total exports O S Rs 55,19 82 lakhs

Power Projects Total number of units generated in the State by the Hussainsagar Power House the District Power Schemes and the Azamabad Thermal Power Schemes stations 5,55,01,863 kWt

Total units purchased by District Power Schemes, for distribution purposes 52,61 951 kWt

Total number of towns electrified 14

Total number of consumers to end of 1952 34,676

STATE'S FINANCE

As a result of constitutional changes after January 26, 1950, i e the date of the coming into force of the new Constitution of India, the administration of such of the subjects in Hyderabad State as are included in the list of Union subjects was with effect from April 1, 1950 taken over by the Central Government as falling within their functional ambit The principal subjects which have been transferred to the control of the Central Government are the following Taxes on income, Central Excise Duties (i e, duties on sugar, matches, tobacco, etc), Railways, Posts, Telephones, Currency and Mint, Army, Audit and Accounts, Aviation and Broadcasting

Revenue Receipts for 1953 54 are estimated at Rs 2801 73 lakhs and the expenditure at Rs 2821 83 lakhs leaving a deficit of Rs 20 10 lakhs

The main items of Revenue Receipts and Service Expenditure for the year under reference are as below —

Revenue Receipts (in lakhs of rupees) Union Excise Duties (95 03), Share of Income tax and tax on agricultural income (245 09), Land Revenue (502 29), State Excise Duties (942 86), Forest (90 00), Export, Customs and Surcharges (257 14), Sales Tax (197 14), Interest on investments (72 22)

Service Expenditure (in lakhs of rupees) Land Revenue (135 14) State Excise Duties (78 80), Irrigation (89 83), Debt Services (322 29), General Administration (90 38) Police (338 57), Education (475 76), Medical (111 54), Public Health (75 80), Agriculture (72 86), Veterinary (20 01), Co-operation (20 93), Civil Works (203 30), Superannuation Allowances and Pensions (221 37), Compensation to the Nizam and the Jagirdars (164 57)

A sum of Rs 145 33 lakhs, has been provided for new Development Schemes and Schemes under the Five Year Plan as detailed below Agriculture (4 29 lakhs), Veterinary and Animal Husbandry (2 57 lakhs), Co operation (5 91 lakhs), Forest (4 29 lakhs), Education (25 57 lakhs), Medical (4 29 lakhs), Public Health (2 57 lakhs), Repairs to and restoration of breached tanks and canals (35 00 lakhs), Development under Tungabhadra Project (21 43 lakhs), Development under Nizamsagar Project (12 85 lakhs), Harijan Welfare (0 85 lakhs), Community Projects (18 00 lakhs), Amelioration of Backward Classes (1 71 lakhs)

As a result of the recommendations of the Finance Commission, the Central Government have discontinued the grant-in aid of O S Rs 135 00 lakhs to the State under the Federal Financial arrangements from 1st April 1953 and have decided to allocate 40 per cent of the net proceeds of the Union Excise Duties on tobacco (including cigarettes, cigars, etc), matches and vegetables products Hyderabad's share in this divisible pool has been fixed as 5 39 per cent which is expected to yield Rs 95 03 lakhs in the year 1953 54

In addition to the above, the Budget Estimate for 1953 54 also includes State's share in the divisible pool of Income-Tax (other than Corporation Tax), which, on the basis of the recommendations of the Finance Commission, has been fixed as 4 50 per cent of the divisible pool, which in its turn is 55 per cent of the net proceeds of Income Tax, excluding Corporation Tax Hyderabad's share of the divisible pool of Income Tax is estimated as Rs 238 23 lakhs for the year 1953 54

Currency Both I G Currency and O S Currency continue to be legal tender and adequate facilities have been provided for their exchange at a prescribed rate at all District Treasuries and at the Hyderabad State Bank and its Branches The value of Hyderabad Paper Currency, in circulation at the end of March 1953 was O S Rs 33 97 crores

Currency is a Central subject The Central Government have decided to demonetise the State Currency The demonetisation of O S Currency which was to take effect from the 1st of April 1953 has been postponed to 1st April 1955

Banking As recommended by the Rural Banking Enquiry Committee, the Reserve Bank of India has been appointed as Bankers to the Government of Hyderabad with effect from the 1st April 1953, and the Hyderabad State Bank is now functioning as Agents of the Reserve Bank of India conducting Government business on behalf of the Reserve Bank of India throughout the State with effect from 1st April 1953

During the year 1952 53 the Hyderabad State Bank continued to discharge its normal functions as Bankers to Government under the Hyderabad State Bank Act

CO-OPERATION

Number of Co operative Societies 15,077

Total membership 14,56,478

Total working capital Rs 10 13,28,235

Types of Co operative Societies and their numbers Multi purpose Co operative Societies (67) Tenant and Joint Farming Societies (6), Milk (Ghee Producers) Societies (8), Consumers Societies (136) Agricultural Credit Societies (4,242), Non agricultural Credit Societies (1,070), Consolidation of holding Societies Housing Societies (24), Co-operative Bank (Grain) and Rural Banks (8 248)

Number of Central Banks and District Co operative Banks 45

Provincial Co operative Bank The Hyderabad Co operative Dominion Bank Ltd Working Capital Rs 139,45,011, Deposits Rs 94 34 201, Paid up Share Capital Rs 11 50,325 Reserve and other Funds Rs 12,64,439 No dividend was declared for 1951 52 Budget allotment for the Department for 1952 Rs 23,39,700

CIVIL SUPPLIES

Rice was decontrolled on February 25, 1954

Monthly requirements on a quantum of 6 oz per day per adult of Hyderabad and Secunderabad in tons 5,130

Prices in I G ex godown rate per palla	Retail rate per palla	Retail rate per seer
Rice		
Coarse rice Rs 49–86	51–0–0	0–6–10
Medium fine rice Rs 71–6–6	73–2–0	0–9– 9

Requirement of rice of rationed areas of the State (i e) Hyderabad City and Secunderabad 52,234 bags of 110 seers each for one month

LABOUR

Average daily number of workers in registered factories in 1951 70,655

Names of industries in which minimum wages have been fixed Only two industries namely the beedi factories and the tanneries Subsequently committees were set up to revise these wages

Cost of living index in December 1952 in the following six centres Hyderabad (168), Warangal (183), Nizamabad (178), Nanded (185), Aurangabad (165), Gulbarga (144)

Average monthly earnings of workers in O S. Rs in the following industries in 1951 Textiles (Cotton) (Rs 79–2–4), Textiles (Others) (Rs 48–10–3), Engineering (Rs 19–8–5), Minerals and Metals (Rs 69–6–11), Food, Drink and Tobacco (Rs 48–5–7), Chemicals and Dyes (Rs 43–15–3), Wood, Stone and Glass (Rs 51–10–1), Ginning and Pressing (Rs 18–10–8), Paper and Printing, (Rs 65–0–11), Hides and Skins (Rs 31–0–3), Transport (Rs 119–3–3), All Industries (Rs 66–7–10)

Total number of trade disputes for the year 1952 73

Number of workers affected 26,114

Number of strikes 69

Number of workers affected 22,253

Number of man days lost 84,790

The Industrial Disputes Act, 1947 (Central) has been extended to Hyderabad State also

Number of Trade Unions registered till end of March 1953 255
Total membership 111,662

Welfare Centres The Municipality is running four welfare centres for the benefit of the employees Labour Department itself is running a Welfare Centre at Azamabad (Hyderabad City) for the benefit of the workers Some of the big industrial concerns like A C C, Shahabad have provided clubs etc

The Act applies to all factories using power and employing 20 or more persons Seasonal factories as defined in the Employees State Insurance Act, 1948 and mines subject to the Indian Mines Act, are excluded from the scope of the Act

The Government appointed a Labour (Factory) Investigation Committee in June 1949 to investigate labour conditions in the State The report of the Committee was accepted by the Government with some modifications and the minimum earning of the lowest paid employee in Government factories was raised from Rs 43 to Rs 52 Employees of other Government concerns which are not factories *viz* those of Drainage Department Water Works Department State Agricultural Farms are also paid wages on a similar scale

The Hyderabad Maternity Benefit Act 1940 has been amended to provide for payment of maternity benefit at Annas 12 per day six weeks before and six weeks after confinement The Hyderabad Shops and Establishments Act 1951 has been promulgated to regulate the conditions of employees of shops and establishments in the State The State Government proposed to construct 10 000 houses in the period of 5 years for industrial workers in the State under the Industrial Housing Scheme sponsored by the Government of India Works of construction is progressing steadily

HOUSING

298 two room houses have been constructed at Mushirabad (Hyderabad City) under the Government of India Housing Scheme 1949 443 one room houses were constructed at Mushirabad, Chikadpalli and Sanatnagar (Hyderabad City) under the subsidized Housing Scheme of Government of India for the year 1952 53, a special feature being that the construction was entrusted to the Labour Co operative Societies instead of to usual contractors

JUDICIARY

There are one Chief Justice and 8 Puisne Judges in the High Court There are 173 Judicial Officers administering criminal and civil justice including one Special Magistrate for all the Districts and two Railway Magistrates- one at Secunderabad and the other at Aurangabad

POPULATIONS OF DISTRICTS

Hyderabad 1 911 336 Mahbubnagar 1 186,496 Raichur 1 151 987 Gulbarga 1 448,944 Bidar 1 172,702 Osmanabad 807 452 Bhir 826,046 Aurangabad 1 179 404 Parbhani 1,010 864 Nanded 949 936 Adilabad 902 522 Nizamabad 773,158 Medak 1,027 293, Karimnagar 1 081 667, Warangal 1,581 326 Nalgonda 1 543 975

GOVERNMENT OF HYDERABAD

Rajpramukh Nawab Mir Osman Ali Khan Bahadur, the Nizam of Hyderabad
Chief Minister, Genl Adm Tenancy, B Ramakrishna Rao
Deputy to Chief Minister, Shanker Deo
Home Law, Rehabilitation, D G Bindu
Deputy to Home Minister, S Ekhlekar
Revenue, Excise, Forests, K Venkata Ranga Reddy
Deputy to Revenue Minister, P Hanumantha Rao
Finance, Statistics Customs, Commerce, Industry, V K Vidyalankar
Deputy to Finance Minister, Virupakshappa
Public Works, Labour, Dr G S Melkote
Dy to Public Works Minister, S Rajalingam
Public Health and Medical, Nawab Mehdi Nawaz Jung
Dy to Health Minister, Bhagwanthrao Gadhe
Supply, Agriculture, Planning, M C Reddy
Dy to Supply Minister, A Ramaswamy
Local Self Govt, Education, G R Ekbote
Dy to Local Self Govt Minister, Sangam Laxmi Bai

SECRETARIAT

Chief Secretary, K Srinivasan, I A S
Secretary, Public Works Department & Medical Department, Ramlal, I A S
Education Department and Jagir Administration, L N Gupta, I A S
Finance Department, C Damodar Reddy, I A S
Commerce and Industries & Textile, S N Bilgrami, I A S
Home Department, C Godsay, H C S
Revenue Department, M Abdullah, I A S
Legal Department, S M Younus
Local Government Department, Najaf Ali Khan, I A S
Planning and Development and Rural Reconstruction, Jagjivan Chand, I A S
Joint Secretary and ex-Officio Labour Commissioner, Abdul Lateef Rasvi,

BOARD OF REVENUE

Senior Member, and ex Officio Commissioner, Development, Zaheer Ahmed, I A S
Members, Ghulam Hyder, Nagender Bahadur, I Ramachander Rao

PUBLIC SERVICE COMMISSION

Chairman, N B Bonarji, I C S (Retd)
Members, Baker Ali Mirza Dhonde Raj Bahadur
Secretary B L Oates, I A S

HEADS OF DEPARTMENTS

Commissioner, Sales Tax, Rai Dilsukhrai
Inspector General of Police, Shivkumarlal I P S
Commissioner, Excise Dept Abid Ali Khan
Nazim Atiyat, Kallmullah Kadri
Chief Conservator of Forests Doulat Rai
Chief Engineer, Irrigation Projects P W Department D V Rao
Chief Engineer P W Department, J C Hardikar
Chief Electrical Engineer S A Quader
Commissioner, Settlement and Land Records Behramji Darabjung Chinoy
Director, Medical and Public Health Departments Dr I D Khatri
Director, Public Instruction, Sethu Madhav Rao, I A S
Director of Agriculture Ekbal Chand I A S
Director, Commerce and Industries, K I Vidyasagar I A S
Director, Government Printing, Syed Asghar Hussain I A S
Director, Information and Public Relations Binod L Rao
Director, Bureau of Economics and Statistics M V Divatia
Inspector General of Prisons, C J Bhavnani
Director Veterinary Department Dr K S Shetty
Director, Central Records Raja Irumbak Raj
Registrar, Co operative Societies, R V Madhusudhan Rao
Director Engineering Research, Dr S P Raju
Director Archæological Department P Srinivasachar
Director, Central Laboratories Dr Hussain Zaheer
Commissioner, City Police A Sundaram Pillai
Chief Inspector Inspectorate of Offices Nizamuddin Ahmed B C S

HIGH COURT

Chief Justice, Laxmi Shanker Misra
Judges Sripat Rao Palnitkar Syed Qamar Hassan Rai Manohar Pershad Mohd Ahmed Ansari Dr Mir Siadat Ali Khan A Sreenivasachari, Vithal Rao Deshpande Pingle Jagan Mohan Reddy
Special Officer, High Court, Sharfuddin Ahmed H C S

LEGISLATIVE ASSEMBLY

(For list of members see under General Elections)

HYDERABAD MUNICIPAL CORPORATION

Mayor, Madapati Hanumanth Rao
Dy Mayor Mir Ahmed Ali Khan
Commissioner, M Ramappa
City Engineer, Mir Mahboob Ali Khan
Medical Officer of Health, Dr C R Naidu
Secretary, Prem Chand
Asst Commissioner, Mohd Hakat Ali
Assessor and Collector, Mohd Abdul Ali
Examiner of Accounts, Gopi Kishan
Registrar B R Kapoor
Lacence Officer C Balaji

MEMBERS

Names of members showing within brackets the Constituency which each member represents

Anisuddin Ahmed (Mushcerabad), Sheikh Ahmed (Khairtabad) G Arjunkumar (Nallakunta), Madhav Rao Anwari (Nominated by Govt) Shrimati Shanta Bai (Osman Shahi) Mulla Abdul Basith (Chanchalguda), Mirza Mahmud Rashid Beg (Begum Bazar), Shrimati Shahjahan Begum (Imampura), Habib Hussain Bilfaqia (Husainealam), Jaya Chari (Narayanguda), Ramanuja Chari (Chanchalguda) Parankush Das (Nominated by Govt) Miss Delima (Nominated by Govt) B Ram Deo (Malakpet) Shrimati Sumitra Devi (Mushcerabad), K Seetiah Gupta (Siddiambar Bazar) Miss Gool D Italia (Nominated by Govt) Maqbool Ahmed Jamai (Gosha Mahal), Gopal P Joshi (Ramkote), Laxman Rao Karchalkar (Begum Bazar) Abdul Ali Khan (Somajiguda) Abid Ali Khan (Somajiguda) Khaja Sardarullah Khan (Charminar) Mir Ahmed Ali Khan, Deputy Mayor (Jubilee Hills), Mohd Fazlullah Khan (Shah Ali Banda), Mohd Mandoor Khan (Azampura) Mohd Muniruddin Khan (Allabad) Mustafa Yar Khan (Kachiguda), Shahabuddin Ahmed Khan (Azampura) Brij Lal (Brahmanwadi), Kishen Lal (Atzal Ganj), Gulam Mohd Khan Lodhi (Pathergatti), Govind Das Mehta (Gowli Guda), Syed Mohd Ali Moosavi (Darushafa), Krishnaswamy Mudiraj (Troop Bazar), Ram Murthi Naidu (Troop Bazar), Laxmi Narayan (Domalguda) C K Narayanswamy (Musheerabad), Bojjam Narsimlu (Amberpet) Dwarka Pershad Nigam (Darushafa), Dr U R Pargaonkar (Nominated by Govt), Keshav Pershad (Dhoolpet), Narsing Pershad (Nallakunta), Onkar

Pershad (Charminar) Rajeshwar Pershad (Nampally Syed), Ahmeddullah Qadri (Narayanguda) N Bhoj Raj (Gowli Guda), Ganga Ram (Gowlipura) K Papa Rao (Asifnagar), K Ranga Rao (Karawan), Madapati Hanumanth Rao, His Worship the Mayor (Falaknuma) Shama Rao (Khairtabad) Yadgir Rao (Malakpet) Bal Reddy (Tadban), B Ram Reddy (Falaknuma), R Ram Reddy (Domalguda), Dharni Dhar Sanghi (Gulzar Houz), Erram Satya narayan (Ramkote), Shankerji (Husainalam), Ram Nivas Sharma (Dhoolpet) Manohar Singh (Ahabad) Ranjit Singh (Rahimpura), Sardar Avtar Singh (Nominated by Govt), B Venkatswamy (Gowli pura), S Venkatswamy (Doodh Bowli), Vacant (Chanchalguda)

SECUNDERABAD MUNICIPAL CORPORATION

Commissioner, M Dharamraj Mathur, B A
City Engineer, M Ramaswamy B E A M I E
Assistant Engineer Sri Hari, B E, A M I E
Assistant Commissioner, M Venkatapathy Raju, B A
Assistant Health Officers, Dr Maruthi Rao L M & S D P H (Cal), Dr M S Govindiraman, L M P, Dr V M Raghunatha Rao, L M P

Municipal Secretary, Hari Shanker, B A, I L B, L S G D
License Officer, Gote
Examiner of Accounts V Veeraraghavachary
Taxation Officer, Rama Chary B A
Conservancy Officer, Nawab Ali Khan

MEMBERS

B V Gurumurthy (*Mayor*), Venkatesam, S R (*Deputy Mayor*) Anantha Buchanna M P, Veeriah R Buchi Shrimathi J Eshwari Bai, G S Gajapathi Rao S B Giri, Gadepalli Jagannadham V Jagannadham, J P Kasinatham M Laxmiah B Mallikarjun Rao, P V Manohar E M Michael Malani Mukundas, V C Muthanna Mudaliar C S Naidu, Uppu Narayana, U Narayana swamy M Ramchandriah, A Rangapandu I Sambiah, A Sardar Singh Gupta S Satyanarayana M Siddique Shrimathi Sunanda Devi, Shrimathi Susheela Devi, Dr Y N Himmarapi, R K Vasudeva Mudaliar, J Venkatesham, Venkatnadha Sastry, A Viswanadham

OSMANIA UNIVERSITY

Hyderabad, Deccan 7

The Osmania University was established in 1918 and its charter was revised in 1947 and 1950 It is both a residential and affiliating university It comprises nine Faculties, namely, Arts, Science, Commerce, Medicine, Engineering, Agriculture, Veterinary Science Education and Law There are 6 University Colleges 2 constituent Degree Colleges (including one exclusively Women s College) 7 constituent Inter Colleges, 7 Affiliated Colleges (including one Medical College and four degree Colleges), 2 Constituent Evening Colleges (one Degree and one Inter) for those in employment

In all Degree and Inter Colleges English is the main medium of instruction but in a few Colleges parallel classes are conducted in Hindustani In all professional courses English is the only medium of instruction Compulsory Theology and Ethics have been abolished and replaced by a regional or allied classical language The place of the Faculty of Theology has been taken by the Department of Religion and Culture under the Faculty of Arts It also includes a study of comparative religion

The University is completely autonomous though it is wholly financed by the Government The University Council, consisting of 16 members is the governing body The Vice Chancellor is the chief administrative officer The other bodies of the University are the Finance Committee Academic Council, Senate, Faculties and Boards of Studies

Budget (1952 53) O S Rs 82 40,810 (O S Rs 116 10 8 are equal to Indian Govt Rs 100 0 0)

Contribution by State Government O S Rs 60,00,000

Library 111 341 Volumes (English 32 743 Urdu Persian Arabic 16 183 Oriental 15 277, Gift 16 674, Salarjung 30,464) There are 3,304 MSS and 1 244 Palm Leaf MSS

Admission The qualification necessary for entrance to the Inter Course is the Higher Secondary Certificate or equivalent certificate

Degrees B A, M A, Ph D in Arts B Sc M Sc Ph D in Science, B Com and M Com in Commerce B E, M B B S, B V Sc, B Sc (Agri) B Ed M Ed, L L B and L L M Diplomas in French and German and Hindi

CHANCELLOR

Dr B Ramakrishna Rao B A, L L B, I I D

VICE CHANCELLOR

Dr S Bhagavantam, M Sc (Hons), D Sc (Andhra), F I, A S C, F N I

REGISTRAR

Dr I Topa, Ph D (Freiburg)

DEANS OF FACULTIES

Arts, Dr M Nizamuddin, Arts College, Osmania University
Science Dr S Bhagavantam, Vice Chancellor, O U
Agriculture, Dr P D Nair, Director, Agricultural Department, Hyderabad, Deccan
Medicine, Maj Gen S L Bhatia, Inspector General, Health and Medical Services, Hyderabad, Deccan
Veterinary Science, Dr K S Nair, Veterinary College, O U Hydera bad, Deccan
Law, Prof Husain Ali Mirza
Education, T Suryanarayana, Director, Public Instruction, Hydera bad, Deccan
Commerce, Imtiaz Husain Khan, Arts College
Engineering, Prof M Athar

UNIVERSITY PROFESSORS

Chemistry, Dr Syed Husain
Law, Prof Husain Ali Mirza
Persian, Dr M Nizamuddin
Physiology, Dr S A Rahman
Civil Engineering, Prof M Athar
Veterinary Science, Dr K S Nair
History Miss G M Linnell
Agriculture, Dr Hashim Amir Ali
English, Prof M S Doraiswami
Botany Prof M Sayeeduddin
Education, Prof M Ahmed Ali Khan
Civil Engineering, Prof Z Ansari
English, Prof S Izzle Haq
Physics, Dr S Mehdi Ali
Physics, Prof S Mohd Ali Khan
Urdu, Dr S M Qadri Zore
Veterinary Science, Prof M Habeeb Khan
Chemistry, Dr N Ram Lal
Economics, Shri B V Ram Narsu
Politics, Shri S Ali Akhbar
Physics, Dr R Satyanarayan
English, Shri Pedda Rama Swamy
Chemical Technology Dr S Husain Zaheer
Medicine, Dr Mufti Shah Nawaz
Arabic Dr Qari Qutubuddin
History, Dr Yousuf Husain Khan
Mechanical Engineering, Prof S Ahmed Ali
Sociology, Dr Jaffar Hasan
Agricultural Agronomy Prof M Baqar Husain
Pharmacology, Dr Yousufuddin Ansari
Physics Dr J C Kameshwar Rao
Philosophy, Dr Mir Valiuddin
Economics, Prof M Abdul Qader
Electrical Engineering Prof V M Gadgil
Chemistry, Dr N V Subba Rao
Sanskrit Dr A Sharma
Mathematics Dr V P Venkatachari
Anatomy, Dr S P Sahgal
Pathology, Dr V Gopal Rao

UNIVERSITY COLLEGES

University College of Arts & Commerce, Osmania University, Hyderabad, Deccan 7
University College of Agriculture, Osmania University, Hyderabad, Deccan 7
University College of Education Osmania University, Hyderabad, Deccan 7
University College of Engineering, Osmania University, Hyderabad, Deccan 7
University College of Science, Osmania University, Hyderabad, Deccan 7
University College of Veterinary Science, Osmania University, Hyderabad, Deccan 7

CONSTITUENT COLLEGES

Nizam College, Gunfoundry, Hyderabad Deccan
Women s College, Sultan Bazar Hyderabad, Deccan
College of Law, Saifabad, Hyderabad Deccan
City Intermediate Science College, Hyderabad, Deccan
Saifabad Intermediate Science College, Hyderabad, Deccan
Chanderghat Intermediate Arts College, Hyderabad Deccan
Evening College of Arts & Commerce, Hyderabad, Deccan
Evening College of Arts & Commerce, Secunderabad, Deccan
Mahboob Intermediate Arts & Science College, Secunderabad, Deccan
Intermediate Arts & Science College, Aurangabad, Deccan
Intermediate Arts & Science College, Gulbarga, Deccan
Intermediate Arts & Science College, Warangal, Deccan

AFFILIATED COLLEGES

Medical College, Afzal Gunj, Hyderabad, Deccan
Vivek Vardhini College, Gauliguda, Hyderabad, Deccan
Badruka College of Commerce, Nampalli Station Road, Hyderabad, Deccan
People's Education Society's College, Cantonment, Aurangabad, Deccan
People's College, Nanded (Deccan)

Total number of Arts and Science Colleges 16 Arts and 10 Science Colleges (as seven Colleges impart education in Arts and Science)

Total number of Women's Colleges One

Total enrolment in Arts and Science Colleges 9,276

Total number of Professors 22, Lecturers 538

Total number of Professional Colleges 6 (Education, one Agriculture one Veterinary Science, one, Engineering, one, Law, one, Medical one)

Total enrolment in Professional Colleges 1,878

SECONDARY EDUCATION

Statement in respect of institutions, students and expenditure during the year 1951 52

Type of Institution	Number of institution	Number of students	Expenditure Rs
High Schools	139	89,165	1 03,13,497
Middle Schools	224	87 031	57 86 942
Primary Schools	10 288	610,363	2 91 55,330
Professional Schools	17	1 130	13 91 201
Schools for special education	528	35,781	8,52,933
Direction Inspection and miscellaneous indirect expenditure	—	—	62,02 929
Total	11 196	8,23 470	9,37,02,832

During the year 1952 two Basic Training Centres were established in the State at a cost of Rs 68,742 recurring and Rs 43,500 non recurring, one at Bhiknoor and the other at Mominabad

Educational, Personnel and Organisation For administrative purposes the State is divided into five divisions each under a Divisional Inspector of Schools Each division is divided into 17 units, each unit being under a District Inspector of Schools Each Inspector has under him 6 to 10 Deputy Inspectors of Schools All these officers are subordinate to the Director of Public Instruction who has two Deputy Directors and six Assistant Directors to assist him

The Board of Secondary Education consisting of one Secretary, and one Assistant Secretary is entrusted with the Higher Secondary Certificate Training and other examinations

The total direct expenditure on recognised primary institutions in 1951 52 was Rs 192 lakhs of which the Government bore 97 per cent The medium of instruction throughout the primary stage is the mother tongue of the pupil

Though a scheme was sanctioned to make elementary education compulsory, it had to be dropped as it did not work successfully

The regional languages of the State namely Telugu Marathi and Kannada have been made the media of instruction throughout the Secondary stage since June 1951 Hindi is compulsory in all classes

Social Education Adult Education Schools are under an Inspector for Adult Education with two Assistants and necessary establishments The number of Adult Schools at the end of the year under report was 325 out of which 266 were Government ones The number of Adults under instruction in them was 16,364 (15,624 men and 740 women) as against 6,689 during the preceding year During this year 10,246 men and 396 women were made literate as against 5,404 men and 326 women in the preceding year

The expenditure on Adult Education incurred by various Managements amounted to Rs 1 15 090 as against Rs 60,587 during the preceding year

Training classes were conducted for the benefit of 50 students who volunteered to undertake Adult Education

200 new Adult Schools were sanctioned during the month of January 1952 most of which could not be opened by the end of March 1952 They were however opened later

62 Libraries for the Adults were opened in the Telangana area of the State

There is a special Committee for Adult Education to advise on matters relating to Adult Education

Non Official Co operation In order to secure non official co operation in educational matters, the following committees have been formed with a non official majority Advisory Board of Education, Special Committee for Basic Education, Special Committee for Women s Education, Special Committee for Adult Education Special Committee for Secondary Education, Special Committee for Hindi Education

HIGH SCHOOLS

CAMBRIDGE LOCAL CERTIFICATE SCHOOLS (5)

Mahbubia Girls High School, Hyderabad (Dn) (Govt)
St George's Grammar School, Hyderabad (Dn) (Aided, Boys)
St Patrick's European High School, Secunderabad, Hyderabad (Dn) (Aided, Boys')
St George's Girls' Seminary, Hyderabad (Dn) (Aided, Girls')
St Ann's Convent High School, Secunderabad (Dn) (Aided, Girls')

HIGH SCHOOLS UNDER THE BOARD OF SECONDARY EDUCATION (125)

Government High Schools for Boys (62)

Collegiate High School Hyderabad City
" " Chadarghat Hyderabad (Dn)
Public School Begampett, Hyderabad
Madrasa i Aliya Hyderabad
The Darul Uloom High School Hyderabad
High School, Darush Shafa
" Chanchalguda,
" " Mustaidpura,
" Kachiguda
" Gosha Mahal,
" " Sultan Bazar,
" Chowk
" Nampalli,
" (Mashki), Khairatabad, Hyderabad
" Secunderabad, Hyderabad
" Bolarum
" Medak
" Sangareddy (Medak Dist)
" Siddipet
" Nizamabad
" Mahbubnagar
" Narayanpet (Mahbubnagar)
" Wanparthi,
" Nalgonda
" Bhongir (Nalgonda)
" Suriapet
" Maddoor
" Warangal
" Lashkar Bazar (Warangal)
" Khammam
" Madhra
" Mahboobabad
" " Karimnagar
" " Jagtial (Karimnagar)
" Manthani,
" " Adilabad
" Nirmal (Adilabad)
" Chinnoor
Collegiate High School, Gulbarga
High School, Yadgir (Gulbarga)
" Tandur
" Kodangal
" Shorapur,
" Raichur
" Gadwal (Raichur)
" Gangawathi (Raichur)
" Kopbal
" Bidar
" Udgir (Bidar)
" Osmanabad
" Latur (Osmanabad)
" Tuljapur
Collegiate High School Aurangabad
High School Chelipura,
" Jalna (Aurangabad)
" Valzapur,
" Nanded
" Degloor (Nanded)
" Parbhani
" Hingoli (Parbhani)
" " Beed
" Mominabad (Beed)

Government High Schools for Girls (22)

Zenana High School Nampalli, Hyderabad (Dn)
Girls High School, Majidia,
City High School for Girls
Girls High School Chadarghat,
" " " Kachiguda
" " Goshamahal,
" Hydergud i
" Husaini Alam,
" " Bolarum
" " " Mahbubnagar
" " Nalgonda
" Nizamabad
" Hanamkonda, Warangal
" Karimnagar
" Gulbarga
" " Bidar
" " Raichur
" " Aurangabad
" " " Jalna (Aurangabad)
" " " Nanded
" " " Parbhani
" " " Beed

Aided High Schools for Girls (39)
Madrasa I Alzza, Hyderabad
Madrasa I Asafia, Malakpot, Hyderabad
Mufidul Anam High School, ,
Anwarul Uloom, Nampalli ,
All Saints High School, Chadarghat, Hyderabad
Vivek Vardhani High School Gowliguda, ,
Keshav Memorial High School, Narayanguda
Dharamwant High School Yakutpura Hyderabad (Dn)
Methodist High School King Kothi Road Hyderabad (Dn)
Nrupatunga High School, Sultan Bazar, Hyderabad
Andhra Vidyalaya Hyderabad
Retah I Aam Hari Bowli Hyderabad (Dn)
Wesleyan Mission High School Secunderabad
Mahbub College, ,
Sir William Barton Technical ,
Islamia High School
St Mary s High School
Islamiah High School Matwada (Warangal)
Andhra Vidyarthi Vardhani Matwada (Warangal)
Vijay Vidyalaya (Methodist) High School Gulbarga
Nutan Vidyalaya High School Gulbarga
High School Omergah (Osmanabad Dist)
Hamdard High School, Raichur
Marwadi Rajasthan Vidyalaya, Latur Osmanabad
Saraswati Bhawan Aurangabad
Maratha High School Aurangabad
Church of Scotland Mission School Jalna Aurangabad
Sri Yogeshwari Nootan Vidyalaya Mominabad (Beed)
Nutan Prathmik Schikshalaya, Parbhani
Stanley Girls High School Hyderabad
Convent of the Most Holy Rosary, Hyderabad (Dn)
Girls High School, Narayanguda Hyderabad (Dn)
Vivek Vardhani Kanya Shala Gowliguda Hyderabad (Dn)
Arabia Girls High School Moazzam Jahi Market Balda
Keyes High School Secunderabad
St Francis High School Secunderabad
Wesleyan Girls High School Secunderabad
Nutan Vidyalaya Kanya Patshala Gulbarga
Sharda Mandir High School
Recognised Unaided High Schools for Boys
Preston Institute, Jangaon (Nalgonda)
Mennonite High School Mahbubnagar

SPECIAL SCHOOLS (21)

Osmania Training College for Men Balda (Govt)
Training School for Men, Balda (Govt)
Telugu Training School for Men, Mahbubnagar (Govt)
Telugu Training School for Men, Hanamkonda Warangal (Govt)
Kannada Training School for Men Raichur (Govt)
Marathi Training School for Men Aurangabad (Govt)
Central Training School for Women Balda (Govt)
Training School for Women, Mahbubnagar (Govt)
Training School for Women, Hanamkonda Warangal (Govt)
Training School for Women Raichur (Govt)
Training School for Women Aurangabad (Govt)
W M Training School for Men Medak
Gramaya Sikshanalya Methodist Teachers' Training School Raichur
Most Holy Rosary Training School for Women, Hyderabad (Aided)
Wesley Mission Normal School for Women, Secunderabad (Aided)
St Francis Normal School for Women, Secunderabad (Aided)
College of Physical Education for Men (Govt)
College of Physical Education for Women, Balda (Govt)
School for the Deaf Dumb and the Blind, Balda (Boys)
Criminal Tribes Schools (2)

TECHNICAL AND VOCATIONAL INSTITUTIONS

Osmania Technical College Saifabad, Hyderabad, Deccan
Domestic Science Training College Saifabad Hyderabad Deccan
School of Commerce, Saifabad, Hyderabad, Deccan (Co educational Institution)
School of Art Hyderabad Deccan (Co educational Institution)
School of Music & Dance, Hyderguda, Hyderabad, Deccan (Co educational Institution)
Technical Training Centre Kachiguda Hyderabad Deccan
Boys Technical High School Marredpally Secunderabad
Boys Technical High School Dinabad, Warangal
Boys Technical High School Aurangabad
Agricultural School Parbhani
Central Boys Industrial School Mallepalli Lines Hyderabad, Deccan
Boys Industrial School Karimnagar
Boys Industrial School, Nizamabad
Boys Industrial School Nirmal
Boys Industrial School, Nanded
Boys Industrial School, Parbhani
Boys Industrial School, Jalna
Boys Industrial School, Bhir
Boys Industrial School, Gulbarga
Boys Industrial School, Raichur
Boys Industrial School, Bidar
Girls Vocational High School, Saifabad, Hyderabad Suburbs
Girls Vocational High School, Osmanpura, Hyderabad City
Girls' Industrial School, Hanamkonda, Warangal
Girls Industrial School, Nizamabad
Girls Industrial School, Aurangabad
Girls' Industrial School, Gulbarga

ASSOCIATIONS

Hyderabad Women s Association for Educational & Social Advancement, Bashir Bagh Road, Hyderabad
Hyderabad Jagirdars Association, Bashir Bagh, Hyderabad
Hyderabad Boy Scouts Association, Narayanguda Road, Himayath nagar, Hyderabad
Hyderabad Bar Association, Hyderabad High Court, Hyderabad
Hyderabad Students' Union, Sultan Bazaar, Hyderabad
Hyderabad Manufacturers Association, Dowlat Mansion, Begum Bazar, Hyderabad
Hyderabad Trades Association, Abid Road, Hyderabad
Hyderabad Economic Society, Mukkaram Jahi Road, Hyderabad
Hyderabad (Deccan) Chamber of Commerce, 171, Chapel Road Hyderabad
Hyderabad Youths' Congress, Hashwat Gunj, Sultan Bazaar, Hyderabad
Hyderabad Shaukaran & Vaiparan Association, Giyan Bagh, Hyderbad
Hyderabad Industrial Exhibition Committee, Mukarram Jahi Road, *Hyderabad*
Hyderabad Athletic Association, Narayanguda Road, Hyderabad
Indian Christian Association Hyderabad
Institution of Engineers (India), Hyderabad Centre Hyderabad
Osmania Graduates Association, Mukkaram Jahi Road, Hyderabad
Oil Mills Owners Association, Sultan Bazar, Hyderabad
Secunderabad Boy Scouts Association, Alexandra Road, Secunderabad
Students Union, Mahbub College, Secunderabad
Students Union, Nizam College, Hyderabad
Young Men's Christian Association, Hyderabad Branch, Naravanguda Road, Hyderabad
Young Men s Christian Association, Secunderabad Branch, Alexandra Road, Secunderabad
Young Women s Christian Association, King Koti Road, Hyderabad
Young Women's Christian Association, Marrepalli Road, Secunderabad Completed its 50th year of existence and celebrated its Golden Jubilee on 12th August 1949 The new ventures of the Secunderabad Y W C A are —

1 A free night school conducted in co operation with the local Y M C A
2 To give opportunities to members to develop the very essential art of Public Speaking, the Toast Masters Club is organised The other activities are Sports, Lectures, Cooking classes and devotional meetings, etc

Hyderabad Branch of the Indian Conference of Social Work
Hyderabad Economic Association.
Agricultural Co-operative Association
Hyderabad Social and Boating Association
Karnatak Sahitya Mandira Association, Lingampalli Road, Hyderabad
Karnatak Sikshana Samiti, Abid Road, Hyderabad
Krishna Dev Raya Andhra Basha Nilayam, Sultan Bazaar, Hyderabad
Bal Hanuman Sangh, Gowliguda, Hyderabad
Young Men's Improvement Society
Maharashtra Mandal, Hyderabad
Hyderabad Olympic Association, Hyderabad
The Hyderabad Sea Scout Troop Association
Hyderabad Football Association
Hyderabad Football Referees' Association
Hyderabad Karnatak Vidyarthi Seva Sangh
Young Men's Association, Allabad, Hyderabad
Hindusthani Culture Society, Hyderabad Branch
Mahila Navajiwan Mandal
Nava Yuvak Seva Sangh
National Union of Students, Hyderabad
Hyderabad Music and Dance Academy
Gou Raksha Mandal, Hyderabad
Nizam College Old Boys' Association
Karnatak Mitra Mandali
Progressive Writers' Association
Premchand Society
Hindi Prachar Sabha
The Divine Life Society
Ramkrishna Parmahansa Vivekananda Samiti, Secunderabad
Andhra Saraswat Parishad
Anjumane Taraqi Urdu
Aligarh Old Boys' Association
Sahitya Mahila Sangh
Sweetmeat Merchants' Association
Hyderabad Sheet Metal Manufacturers' and Workers' Associatic
Hyderabad Branch of Indian Medical Association
All Hyderabad Journalists' Association
Hyderabad Working Journalists' Union
Osmania University Teachers' Association

Women s Food Council
Women's Association for Social and Educational Advancement
Karnatak Women s Association
Hyderabad Art Society
Women s Hospital Welfare Committee
Discharged Prisoners Aid Society
Hyderabad Teachers Association
Children s Aid Society
Federation of Commerce & Industries, Seetarambagh Hyderabad
Cloth Merchants Association, Sultan Bazar Hyderabad
Grain Merchants Association Nizamshahi Road Hyderabad
Grain and Seed Merchants Association, 874, Residency Road Hyderabad

HYDERABAD STATE MEDICAL COUNCIL
C/o Office of the Director Medical & Health Services,
Sultan Bazar Hyderabad Deccan

Nature of Body Medical
Ex officio President Dr I D Khatri MBBS (Bom) LRCP (Lond) MRCS (Eng) DTM (Liverpool) DPH (Lond) FRFPS (Glasgow) Director, Medical and Health Services Hyderabad
Members Dr M K Pandit MBBS (Bom) MRCP (Edin) DTM (Liverpool) DPD (Wales), Principal, Osmania Medical College (*ex officio Member*)
Dr M Y Ansari MBBS (Osm) MRCS (Eng), LRCP (Lond) PhD (Edin) and Dr S P Sahgal MBBS (Bom) (*Elected by the Medical Faculty Osmania University*)
Dr Digumber Singh Dip for Assistant Surgeon (Hyd) and Dr Shanker Rao Jadhav MBBS (Osm) LRCP (Lond) MRCS (Eng) MRCP (Edin) (*Elected by registered medical practitioners*)
Dr (Mrs) Shanta Satwalekar MBBS (Lun) DM (Rotunda) DGO (Dublin) and Dr P Ramachander MBBS (Mad) MD (Mad) (*Nominated by Govt*)
Dr L R Despande DM & S (Osm) FCPS (Bom) DTM (Cal) (*Representative of the Hyderabad Medical Association*)
Registrar Secretary and Treasurer Major L I Ross, IAMC (Retd) LCPS (Bom)

SECUNDERABAD TRADES ASSOCIATION
101 Sappers Lines Secunderabad (Dn)

Nature of Body Commercial
President C E Patel
Vice President, Rai Hukumchand
Honorary Secretary and Treasurer T R Parakh

CHURCHES IN HYDERABAD STATE

Methodist Church in Southern Asia
(Hyderabad Area)
The Methodist Church, Hyderabad, Deccan

Nature of Body Religious
Bishop, Rt Rev Bishop S K Mondol, DD, LTD

Church of South India
Bishop s House, Medak Hyderabad State

There are two dioceses of the Church of South India in the State of Hyderabad Medak Diocese has its Cathedral in Medak It also includes the Churches in Secunderabad Hyderabad and Trimulgherry The other diocese is the Dornakal diocese which has its Cathedral in Dornakal
Bishop in Medak, The Rt Rev Frank Whittaker MA
The Hyderabad & Secunderabad D C C Chairman The Rev J J Wesley, BD
The following are the Churches in the Medak Diocese

THE DIOCESAN OFFICE
Secunderabad
The Rev W LeCato Edwards, BA

ST GEORGE S CHURCH
Hyderabad
Chaplain The Rev C F W Bellingham, MA, Dip Ed

CHRIST CHURCH
Hyderabad
The Rev S Christudoss, BA, BD

HINDUSTANI CHURCH
Hyderabad
The Rev T R Krishna Rao, BD

URDU EVANGELISTIC
Sister Kathleen H Culshaw, BA

WESLEY CHURCH
Hyderabad
The Rev I P Cotelingam, BA

ST JOHN THE BAPTIST CHURCH
Secunderabad
(Christ Church Tallaguda)
The Rev Canon I C Philip MA

ST THOMAS CHURCH
Secunderabad
The Rev S Christudoss BA BD

ALL SAINTS CHURCH
Trimulgherry
Ag Chaplain The Rev S Christudoss BA BD

WESLEY CHURCH (Tamil)
Secunderabad
The Rev M Arthur

WESLEY CHURCH (Telugu)
Secunderabad
The Rev M Vidyanandam, BD

BOLARUM
The Rev M Arthur
The Medak D C C Chairman The Rev F I Ananta Rao BD

MEDAK CATHEDRAL PASTORATE
The Rev M C Prakasham

EVANGELISTIC
Miss S A A Anstey

MEDAK CENTRAL
The Rev I W Gallagher, BA, BD

SARJANA
The Rev M Timothy

ITTAREDDY
The Rev B Manickyam

SHANKARAMPET
The Rev B C W Luck

PATANNAPET
The Rev B Samuel

KOTCHERLAM
The Rev V Suriah, BD

WADIARAM
The Rev W LeCato Edwards BA

RAMAYAMPET
The Rev B J Johnson

SIDDIPET
The Rev P Y Luke BD

CHOWTAKUR
The Rev P Prakasham

SANGAREDDY
The Rev F I Ananta Rao BD
The Godavari D C C Chairman The Rev F P Yesudass

DICHPALLY & KAMAREDDY
The Rev W G Cartlidge

NADIPALLY
The Rev F I Israel

NIZAMABAD
The Rev W G Cartlidge

EVANGELISTIC
Miss M English

ARMUR
The Rev M Y Jeevaratnam

DOODGAON (IBRAHIMPATNAM)
The Rev F P Yesudass

SOAN
The Rev P A Muthiah, BA, BD

BOATH

The Rev B Eleazer

KHANAPUR

The Rev N S Matthew

LUXETTYPETT

The Rev C G Early

MANCHERIAL

The Rev C G Early

NIRMAL (SIMS)

The Rev T Ashirvadam.

NOTE The following are under the direction of the Bishop

A M Palmer, BA, LT, BD

T Chinniah

DIOCESE OF DORNAKAL

The following are the Churches in the Dornakal diocese

Bishop in Dornakal The Rt Rev A B Elliott, DD

Secretary, Diocesan Council, K J G Sundaram

Treasurer Rev I I. Gorforth

THE CATHEDRAL OF THE EPHIPHANY

Dornakal

ST MARY S

Khammamett

ST JOHN S

Ellandu

ST ANDREW S

Kothagudium

CHRIST CHURCH

Karimnagar

There are other Churches at Jagtial, Aler, Velugupalli, Nekonda, Dumnagudem Kazipet Nidunapuram Peddanupparam and Gopavaram There are also another 20 buildings used chiefly for worship and a large number of prayer houses also used as schools None has permanent Chaplains but are ministered to by the pastor

HOSPITALS IN HYDERABAD

Names of the hospitals with their addresses and names of the Doctors in Charge

Osmania Hospital, Afzalgunj, Hyderabad Dr M K Pandit, MBBS (Bom), MRCP (Edin), DTM (L Pool), TDD (Wales), FRFP & S (Glasgow)

Victoria Zennana Hospital, Hyderabad Deccan Dr Mrs Sumitra bai Shrikhande, MBBS (Bom), DCOG (Lond), MMSA (Lond)

City Police Hospital Malakpet, Hyderabad Dr I Bhooshana Rao MBBS, MD (Andhra)

Golkonda Hospital, Golkonda Hyderabad Dr Mohd Maqbool Ali, BA (Osm) LRCI (Lond) MRCS (Eng)

Sultan Bazar Hospital, Hyderabad Deccan Dr B K Naik, MBBS (Bom) MRCP (Lond) DTM & H (Lng)

Chaderghat Hospital, Hyderabad Deccan Dr C L Modi, FRCS (Irc)

King Edward VII Memorial Hospital, Secunderabad Dr V G Borgaonkar, MBBS (Bom), LRCP (Lond), MRCS (Eng), LM (Rot)

District Civil Hospital, Aurangabad Dr S A Razvi, MBBS (Bom), LRCP (Lond) MRCS (Eng)

District Civil Hospital, Parbhani Dr V S Raghunathan, MBBS, MD (Madras)

District Civil Hospital, Nanded Dr D Shiva Rao, LM & S (Hyd)

District Civil Hospital, Beed Dr N S Ganesh, LM & S (Hyd)

District Civil Hospital, Gulbarga Dr Arifullah Qadri, LRCP, LRCS, FRFPS (Edin)

District Civil Hospital, Raichur Dr J J Dharma Raj, MBBS, MS (Madras)

District Civil Hospital, Osmanabad Dr G V Alurkar, LM & S (Hyd)

District Civil Hospital, Bidar Dr M A Hafeez, LM & S (Hyd), LRCP (Lond), MRCS (Eng), LM (Rot)

District Civil Hospital, Medak (Sangareddy) Dr Feroze Hussain, BSc, MD, DNB (America), LRCP (Edin), LRFP & S (Glas)

District Civil Hospital, Mahboobnagar Dr Joseph Israel, LM & S (Hyd)

District Civil Hospital, Nizamabad Dr L R Deshpande, LM & S (Hyd), LCPS (Bom), DTM (Cal)

District Civil Hospital, Nalgonda Dr Abdul Kalam Siddiqui, MBBS (Osm), MRCP (Edin)

District Civil Hospital, Warangal Dr B Dayanand Rao, BA, MBBS, MS (Andhra)

District Civil Hospital, Karimnagar Dr N R V Swamy, MBBS (Osm), MRCP (Lond)

District Civil Hospital, Adilabad Dr D B Narayan, LM & S (Hyd)

Mental Hospital, Jalna District Aurangabad Dr R Natarajan, DM & S (Mad), MRCI (Edin), DPM, ROPS (Eng)

Tungabhadra Project Hospital, Munirabad (District Raichur), Dr Mir Mosiquddin, MBBS (Osm), MRCP (Edin), FRFP & S (Glas)

Sarojini Devi Hospital, Assafnagar Hyderabad Dn Dr P Ramchander, LRCP (Lond), MRCS (Eng), DOMS (Lond)

Isolation Hospital, Lingumpally Hyderabad Dr Syed Ali Medical Officer

Isolation Hospital, Latur, Osmanabad Dr Charles Verma Butt,

Leprosy Sanatorium, Osmanabad Osmanabad Dr Pakhider

Victoria Leprosy Hospital, Dichpally (Aided), Nizamabad, Dr E J Currant

Narayanpet Leprosy Clinic, Narayanpet, Mahboobnagar Dr Dattatray Rao Jawlaker

Leprosy Investigation & Treatment Centre, Zaheerabad, Bidar (Aided) Dr E B Christian

I B Hospital Errammanla, Hyderabad Dr Kanwalchander Superintendent

I B Sanatorium, Vikarabad Medak Dr Hakim Abdur Rahman,

I B Sanatorium, Monnabad, Bhir Dr G R Baji, C S

Number of dispensaries (Unani and Ayurvedic) in the City of Hyderabad 15

Number of dispensaries in the Districts of the State 142

CLUBS

Secunderabad Club, Bolarum Road, Secunderabad
Nizam Club, Public Gardens Road, Hyderabad
Aligarh Old Boys' Club, Hyderguda Hyderabad
Railway Recreation Club, Old Rifle Ranges, Secunderabad
Lallaguda Railway Institute, Lallaguda, Secunderabad
Hyderabad Catholic Institute, Gunfoundry, Hyderabad
Hyderabad Boat Club, Hussainsagar Road, Hyderabad
Secunderabad Boat Club, Hussainsagar Bund Road, Hyderabad
The Deccan Club, Old Staff Lines, Secunderabad
Lady Hydari Ladies Club, Bashir Bagh Road, Hyderabad
Railway Institute, A B C Blocks, Secunderabad
Hyderabad Cricket Club Hyderabad
Secunderabad Cricket Club, Secunderabad
Deccan Blues Cricket Club, Hyderabad
Rotary Club, Saifabad Hyderabad
Hyderabad Table Tennis Association, Hyderabad
"Bucaneers" Literary, Arts and Sports Club, Hyderabad
Ideal Cricket Club, Hyderabad
Hyderabad Swimming Club, Hyderabad

HOTELS

Montgomery's Hotel, Oxford Street, Secunderabad
Percy's Hotel, Alexandra Road, Secunderabad
Viccaji s Hotel, Abid Road, Hyderabad
Royal Hotel, Station Road, Nampalli, Hyderabad
Kingsway Hotel, Kingsway, Secunderabad
Rock Castle Hotel, Jubilee Hills, Hyderabad
Aziz Hotel, Abid Road, Hyderabad
Welcome Hotel, Kingsway, Secunderabad
Taj Mahal Hotel, Oxford Street, Secunderabad
White Hotel, Alexandra Road, Secunderabad
Woodlands Hotel, Begumpet, Hyderabad
John's Hotel, Hyderabad
Grand Hotel, Abid Road, Hyderabad
Madina Hotel, Pathergatthi, Hyderabad
Tourists Home, Station Road, Aurangabad
State Hotel, Aurangabad

COMMERCIAL FIRMS IN HYDERABAD STATE

Abdul Razack Haji Shukoor, Merchant and Commission Agent, Secunderabad

Abdul Razack & Co , Chemists and Druggists, Charkaman, Hyderabad

Adam Hajee Peer Mohamed Essack, Grain Merchant, Exporter and Importer, Nizam Sahi Road, Hyderabad

Ahmed Aladin & Co , Khan Bahadur, Aerated & Ice Factory, Secunderabad

Akki, D B , & Co , Gulberga

Alembic Distributors Ltd , 542, Sultan Bazar, Hyderabad (Dn)

Ali Mohamed Hashim Dorajiwala, General Merchant, Secunderabad

Amman Bole Nagiah, Kerana Merchant, Secunderabad

Ananthaswamy, M , Kerosene Oil and General Merchant, Secunderabad

Azam Steam Press, Educational Printers, Moghulpura, Hyderabad

Aziz & Co , Abid Road, Hyderabad (Dn)

Badshah & Sons, Aerated Water Manufacturers, and Sole Agents for Vimto, Standard Works, Station Road, Hyderabad

Balle Latchmiah & Sons, Hardware Merchants, Siddiambar Bazar, Hyderabad (Dn)

Bankatlal Loya, Proprietors Prakash Button Factory, Chowrai Sulaiman Jah, Hyderabad

Barman Brothers, Sanitary and Civil Engineers & Contractors, Barman Building, Gunfoundry, Hyderabad (Dn)

Basvaraj Sharanbasappa Appa & Sons, Yarn and Cloth Merchants, Secunderabad

Bijjala Veeriah Gupta, Gold and Silver Merchant and Jeweller, Siddiambar Bazar, Hyderabad

Bombay Cycle and Motor Agency of Secunderabad Ltd , Automobile Engineers and Distributors, Secunderabad

Bulchand & Co , Abid Road, Hyderabad (Dn)

Burjor Ardeshir & Co , Chirag Ali Lane, Hyderabad

Central Bank of India Limited, Hyderabad (Dn)

Ch Legnaiah & Sons Burmah Shell Agents & Contractors Kingsway, Secunderabad

Chandulal T Parikh & Co , Distributors, I C I Colour Goods, Secunderabad

Cheekoty Veerannah & Sons, Printers, General Merchants and Contractors, Secunderabad

Chidura Vasudev Kantiah Srinivasulu & Co , Hardware Merchants, Bashirbag, Hyderabad

Chinoy Challani & Co , Abid Road, Hyderabad

Chotooram Jagadesh Pershad, General Merchants, Osman Gunj, Hyderabad

Dacha Buchi Veeriah Ramalimgam, Timber Merchant, Secunderabad

Dandu Augiah Telkonti Balkrishtiah, Oil Mills, Secunderabad

Dandu Balanarasiah & Sons, Hardware Merchants, Secunderabad

Dastagir & Co , S G , Registered Accountants and Auditors, Jam Bagh, Hyderabad

Debonier, Interior Decorators and Furnishers, Proprietor Mr Hyath Hussain Khan, Nampally, Hyderabad

Deccan Chronicle, 147, Sardar Patel Road, Secunderabad Rates Casual Rs 4 8 0, Contract Rs 3

Deccan Engineering and Refrigeration Co , 133, Kingsway, Secunderabad (Dn)

Deccan Porcelain & Enamel Works Ltd , Bakaram, Hyderabad

Deccan Wine and General Stores, Secunderabad

Deen Dayal & Sons, Raja, State Photographers, Secunderabad

Deen Dayal Indrumull, Jewellers, Houz, Hyderabad

Deen, M A , Auctioneers Commission Agents and Contractors, Moazzam Jahi Market, Hyderabad

Defiance Automobiles, Dealers in Motor Parts, Cars & Trucks, Secunderabad (Dn)

Douglas Bros , 6692, Kingsway, Secunderabad Distributors for PYE Radios

Eamajee & Sons, D , Hardware and General Merchants, Afzalgunj, Hyderabad

Eastern Federal Union Insurance Co , Bashir Bagh Road, Hyderabad

Empire of India Life Assurance Co , Ltd , Branch Office Abid Road, Hyderabad (Dn)

G RAGHUNATHMULL BANK LTD , Hyderabad (Dn) Tel Address Singhvee ' Telephone Nos 4040 & 4041 Branches at Pathergati, Hyderabad (Dn), Secunderabad (Dn), Kolhapur, Wanaparthy (Hyderabad State), Jodhpur, Rani, Sumerpur, Sojat Road (Greater Rajasthan), Oldest Banking Institution in the State Tourist Agents Recognised by the Government of India , approved Agents International Air Transport Association and A I T A , Agents for Air India Ltd Deccan Air Ways Ltd Trans World Air Ways , Air India International Ltd Pan American Air Ways British Overseas Air Ways Corporation , K L M Royal Dutch Air Ways etc etc

Ganga Bishen Mohanlal, General Merchants and Bankers, Osman Gunj, Hyderabad

General Stone Supplying Co , Shahbad Stone, Lime and Bricks Moazzam Jahi, Market Road, Hyderabad

Gopalkrishniah, Y Laxmiah, Timber Merchant and Contractor, Secunderabad

Gowrishanker, Mill Cloth Wholesale Merchant and Commission Agent, Osman Gunj, Hyderabad

Gunda Augiah & Sons, Timber Merchants, Secunderabad

Gubba Ramalingiah Gari Malliah General Merchant and Commission Agent, Osman Gunj, Hyderabad

H Abbas Hussain Mulla Ehsan Ali, Siddi Amber Bazar, Hyderabad (Dn)

Habib Radio Co , Abid Road, Hyderabad (Dn)

Habib Ahmed Khan, General Contractor, 83, Public Garden Road, Hyderabad

Haji Abdul Sathar Ismail, Kerana Merchants, Secunderabad

Haji Ahmed Haji Ismail Lace Merchants and Embroiderers, Lad Bazar, Hyderabad

Haji Dada Haji Abba, Gold Lace Merchant, Lad Bazar, Hyderabad

Haji Razack Haji Mohd Saya, Nizam Sahi Road, Hyderabad (Dn)

Hindustan Co operative Insurance Society Ltd , 113, Station Road, Hyderabad (Dn)

Hiranand Ramsukh, Commission Agent, Maharaj Gunj, Hyderabad

Hussaini Stores, Madian Building, Hyderabad (Dn)

Hyderabad Agricultural Marketing Co , Gunfoundry, Hyderabad

Hyderabad Button Factory, Charminar, Hyderabad

HYDERABAD CHEMICAL AND PHARMACEUTICAL WORKS LTD , The Largest Manufacturers of Aether Sulphuric ' in India P O Box No 182, Azamabad, Hyderabad (Dn)

Hyderabad Commercial Corporation Ltd , Station Road, Nampally, Hyderabad

Hyderabad Construction Co , Ltd , Secunderabad

Hyderabad Skins and Hides Tanneries, Bakaram, Hyderabad

Hyderabad Starch Products, Ltd , Azamabad, Hyderabad

Hyderabad Steel and Wire Products Ltd , Domalguda, Hyderabad

Hyderabad Bank Ltd , Nizamshahi Road, Hyderabad (Dn)

Hyderabad Asbestos Cement Products Ltd , Sanatnagar, Hyderabad (Dn)

Hyderabad Chemicals & Fertilizers Ltd , Belampalli (N S R)

Hyderabad Allwyn Metal Works Ltd , Factory Samatnagar, Hyderabad (India)

The Hyderabad Investment Syndicate Limited, Shahrah L Osmani, Hyderabad (Dn)

Indian Iron and Steel Corporation, Kingsway, Secunderabad Controlled Stockists and Structural Engineers

Ishaq & Sons, H M , Installers of Loud Speakers and General Merchants, Secunderabad

Jalal Mian, H M , Hardware Merchants, Afzal Gunj, Hyderabad

J C Pinto & Co , Newspaper Agents & Tailors & Outfitters, 113/1, Sarojinidevi Road Secunderabad (Dn) Telegrams ' Pintoco Phone 7372

Jamnalal Bansilal, Kirana Merchants and Commission Agents, Begum Bazar, Hyderabad

Jethmal Mundada, Stock and Share Brokers Sultan Bazar, Hyderabad

Kareem & Sons, J A , General Merchants, Secunderabad

Khaderia Karkhana Suppliers of Samana Taqureeb Kasaratta, Hyderabad

Komma Veeriah & Sons, Importers, Papers and General Goods, Tobacco Bazar Secunderabad (Dn)

Koniyalal Buchiah, Pandura Pundaricum, Bankers and Gold and Silver Merchants, Siddiamber Bazar, Hyderabad

Kooshappa Thakur Shah Chavan, Yarn Merchant, Secunderabad

Kylasa Sarbhayya, Paint and Dye Merchant, Secunderabad

Kylasa Veeriah Chitambariah, Bombay Cloth Merchant and Agent, Secunderabad

Lalji Meghji, Iron Merchant, Secunderabad

Leslie Gay & Co , Chemists and Druggists Station Road, Hyderabad (Dn)

Light House Talkies Gunfoundry, Hyderabad (Dn)

Madan Gopal Jamnalal, Kerana Merchant Begum Bazar, Hyderabad

Madanlal Brothers, Stock and Share Brokers, General Merchants and Managing Agents, The Hyderabad Bulletin Ltd , Begumpet, Hyderabad

Madhav Rao & Sons Furnishers and Decorators, Secunderabad

Madras Cycle & Motor Mart, 7936, James Street, Secunderabad (Dn) Authorised Ford Dealers

Majestic Radio House, Gunfoundry Road Hyderabad (Dn)

Meer Husain & Son General Merchants, Abid Road, Hyderabad

Mehta, D J , Wine, Provision and General Merchant, Secunderabad

Mohamed Ali & Brothers, Fruit Merchants, Moazam Jahi Market, Hyderabad

Mohamed Ali & Sons, Furniture Dealers and Curio Merchants, Secunderabad

Mohamed Noorullah & Peddy Shivrajiah Hardware Merchants, Afzal Gunj, Hyderabad

Mohamed Yahya Mohd Ibrahim, General Merchant and Commission Agent, Shahrah Osmani, Hyderabad

Mohamed Younus & Sons, Genera Merchants, Abid Road, Hyderabad

Mohanlal Nalani, Yarn and Colour Merchant, Secunderabad

Mudliar & Co , General Merchants, Abid Road, Hyderabad

Mulla Abdul Kader Mulla Fida Ali Petrol Merchant Khairatabad, Hyderabad (Dn)

Nagindas Chunilal, Benares Sarees and Gold Lace Merchants, Lad Bazar, Hyderabad

Nanakram Bhagwandass Provision Merchants, Osman Gunj, Hyderabad

National Pharmacy, 8733, Imperial Post Office Lane, Abid Road, Hyderabad (Dn)

National Sanitary Engineering Co, Secunderabad

National Soap Factory, Secunderabad

National Trading Agencies Secunderabad

Peer Mohamed & Co , Sha Rah Osmani, Hyderabad

Peer Mohamed & Co , Stockists of Charminar Brand Shahabad Cement, Secunderabad

Raja Deen Dayal & Sons, State Photographers, Secunderabad

Radio Talkie House and Educational Films Guild, opp State Bank, Gunfoundry, Hyderabad (Dn)

Ramannah & Sons, K B , Hardware and General Merchants, Secunderabad

Rameshwar K Anjiah, Hardware Merchant, Afzal Gunj, Hyderabad

Ramaswamy & Sons, Hardware Merchants, Secunderabad

Row Pondo & Co , 148, Kingsway, Secunderabad

R R Gopal Cloth Merchants, Pathergatti, Hyderabad

Salarjung Sugar Mills Ltd , 499/A 2, New Road, Bashir Bagh Hyderabad (Dn)

Sebastian & Sons G E C Radio Distributors, 113, Oxford Street Secunderabad

Secunderabad Trading Co Iron and Steel Merchants, Secunderabad

Standard Vacuum Oil Co , Marketers of Stanvac Petroleum Products, 2538, Kingsway, Post Bag No 5, Secunderabad (Dn)

Syed Abdul Khadar & Sons, Booksellers, Machlikaman Hyderabad

Syed Mohamed Sayeeduddin, Hardware Merchant, Siddiambar Bazar, Hyderabad

Taj Clay Works Ltd , Tiles Porcelain and Chinaware Factory, Husain Sagar, Tank Road, Hyderabad

Tayeb Ali & Sons, Furniture Dealers, Secunderabad

Tayeb Ali Haji, Government Electrical Contractor and High Class Aerated Water Manufacturer Charkaman Hyderabad

Totaram Ramgus Brothers, Abid Road, Hyderabad (Dn)

Vishwanath Davaram Jahi, Cloth and Yarn Merchant and Commission Agent, Secunderabad

Zimat Store 203, Abid Road Hyderabad (Dn)

TRADES & PROFESSIONS

ACCOUNTANTS & AUDITORS

G M Oka & Co 568, Sultan Bazar Hyderabad (Dn)

AUTOMOBILE DEALERS

Bombay Cycle and Motor Agency Ltd , Automobile Engineers and Distributors Secunderabad

Defiance Automobiles, Mehta Mahal, James Street Secunderabad (Dn)

BISCUIT MANUFACTURERS

J B MANGHARAM & CO , Tank Bund, Hyderabad (Dn)

BOOK SELLERS AND PUBLISHERS

Premier Publicity Co Kasaratta Road Hyderabad 2

BOOT & SHOE MAKERS & DEALERS

John Lee & Co , Kingsway, Secunderabad (Dn), Boots and Shoe Makers

BULLION

Amlockchand Umedmull, Abid Road Hyderabad (Dn)

BUTTON MFRS

OZA & CO , Kasaratta Road, Hyderabad (Dn) Manufacturers of Buttons, Buckles, Badges, etc Electroplaters, Govt Contractors, Importers, Exporters, Dealers in non-ferrous Metals, Chemicals, Machinery, etc Grams "OZA"

CHEMISTS AND DRUGGISTS

Abdul Razack & Co , Chemists and Druggists Charkaman, Hyderabad

CHUNNILAL DAYALDAS, Post Box 5, Hyderabad 2, Importers, Exporters & Stockists for Country Drugs, Aromatic Chemicals, Perfumery Compounds, Essential Oils, Capsules, Empty glass bottles and other Toilet requisites

Hyderabad Chemical and Pharmaceutical Works Ltd , Azamabad, Hyderabad

Syed Abdul Razack & Co , Hyderabad (Dn)

CLOTH MERCHANTS

Basvaraj Sharanbasappa Appa & Sons, Yarn and Cloth Merchants, Secunderabad

Chindura Kantilal Durwasulu, Cloth Merchant Secunderabad

Gopal, R R , Cloth Merchant, Pathergatti, Hyderabad

Gowrishanker, Mill Cloth Wholesale Merchant and Commission Agent, Secunderabad

Kooshappa Thakur Shah Chavan, Yarn Merchant, Secunderabad

Kylasa Veeriah Chitambariah Bombay Cloth Merchant and Commission Agent Secunderabad

Mohanlal Malani, Yarn and Colour Merchant, Secunderabad

Viswanath Dayaram Jahi, Cloth and Yarn Merchant and Commission Agent, Secunderabad

CONFECTIONERS

John & Co Abid Road Hyderabad (Dn)

Rose Biscuits Works Hyderabad (Dn)

Star Confectionery Works Esamian Bazar Hyderabad (Dn)

ELECTRICAL ACCESSORIES

Bashir, G M & Co Fida Building, Osmania Bazar, Hyderabad (Dn) Gram TRADLSKEY

FURNITURE DEALERS & MANUFACTURERS

Godrej Godrej & Boyce Mfg Co Ltd , 1239, Abid Road, Hyderabad

GENERAL MERCHANTS AND COMMISSION AGENTS

Abdul Razack Haji Shukoor Merchant and Commission Agent, Secunderabad

Ali Mohamed Hashim Dorajiwala, General Merchant, Secunderabad

Chotooram Jagadish, General Merchant Begum Bazar, Hyderabad

Deccan Agencies 35 Ghasmandy Road Post Box No 57 Secunderabad (Dn)

Deen M A , Auctioneer Commission Agent and Contractor Moazzam Jahi Market Hyderabad

Gubba Ramalingiah Gari Malliah General Merchant and Commission Agent Osman Gunj, Hyderabad

Hiranand Ramsukh Commission Agent Maharaj Gunj Hyderabad

Kareem & Sons, J A , General Merchants, Abid Road Secunderabad

M Ananth Swamy 17 Mahakali Street Secunderabad (Dn)

Meer Hassan & Sons General Merchants, Abid Road, Hyderabad

Mohamed Yahya Mohamed Ibrahim General Merchant and Commission Agent, Shahrah Osmani Hyderabad

GLASS

Taj Glass Works Ltd , Sanatnagar, Hyderabad (Dn)

HARDWARE DEALERS AND IRONMONGERS

Balle Latchmiah & Sons, Hardware Merchants, Siddiambar Bazar, Hyderabad (Dn)

Chindura Vasudev Kantiah Sreenivasulu & Co , Hardware Merchants, Bashir Bagh Road, Hyderabad

Dandu Balanarasiah & Sons, Hardware Merchants, Secunderabad

Deccan Agencies, 35, Ghasmandy Road, P O Box No 57, Secunderabad (Dn)

Eamajee & Sons, D , Hardware & General Merchants, Afzal Gunj, Hyderabad

Jalal Mian H M , Hardware Merchant Afzal Gunj, Hyderabad

Lalji Meghji, Iron Merchant, Secunderabad

National Tube Co , Pipe and Hardware Merchants and Military Contractors, Secunderabad

Ramannah & Sons, K B , Hardware and General Merchants, Secunderabad

Rameshwar K Anjiah, Hardware Merchant, Secunderabad

Secunderabad Trading Co , Iron and Steel Merchants, Secunderabad

Syed Mohamed Sayaduddin, Hardware Merchant, Siddiambar Bazar, Hyderabad

HOSPITAL EQUIPMENT & SUPPLIES

Godrej, Godrej & Boyce Mfg Co Ltd , 1239, Abid Road, Hyderabad

HURRICANE LANTERNS

Bashir G M & Co , Fida Building, Osmania Bazar, Hyderabad (Dn)
Grams Tradeskey

LOCKS & SAFE MERCHANTS

Godrej, Godrej & Boyce Mfg Co Ltd , 1239, Abid Road, Hyderabad

MATCH FACTORIES

Asafia Match Works, Nizam s State
Badrudin Match Works, Nizam s State
Deccan Match Works, Vizapur, Nizam's State
Hyderabad Match Works, Nizam s State
Krishna Match Works, Nizam s State
Nizamia Match Co Bakaram, Hyderabad (Dn)
The Oosmania Match Factory, Secunderabad
The Royal Match Works Nizam s State
The Swastik Match Works, Nizam s State
The Vishnu Match Co , Adikkamet, Hyderabad (Dn)
The Zenith Match Factory, Chikkatpalli, Industrial Area, Hyderabad (Dn)

METAL MANUFACTURERS & MERCHANTS

Hyderabad Allwyn Metal Works Ltd Factory Sanatnagar Hyderabad (India)

MANUFACTURERS' REPRESENTATIVES

Bashir, G M & Co , Fida Building Osmania Bazar Hyderabad (Dn)
Grams Tradeskey

INDIA STAR
Manufacturing Confectioners
Isamia Bazar
HYDERABAD (Dn)

NEWSPAPERS

Rainbow English Illustrated Weekly, Estd 1944 Editor & Publisher, S N Shastri Phone 7368 Grams Rainbow , Secunderabad

PHARMACEUTICALS

Industrial Enterprises Ltd , Char Kaman, Hyderabad (Dn)

PHOTOGRAPHERS

Raja Deen Dayal & Sons, State Photographers, Secunderabad (Dn)

PHOTOGRAPHIC MATERIALS

Central Studio, Prem Mansion, Bashir Bagh Road, Hyderabad (Dn)

PIPE AND PIPE FITTINGS MERCHANTS

Deccan Agencies, 35, Ghasmandy Road, P O Box No 57, Secunderabad (Dn)
Sait S H Ismailjee, Ismail Building Afzal Gunj, Hyderabad (Dn)

RAW MATERIALS DEALERS

ARVIND & CO , P O Box No 10, Hyderabad 2 Industrial Equipment and Supplies , Specialists in Electroplating Chemicals, Government & Railway Suppliers

SANITARY ENGINEERS & CONTRACTORS

Barman Brothers, Barman Building, Gunfoundry, Hyderabad (Dn)

SOAP FACTORIES

Godrej, Godrej Soaps Ltd , 1239, Abid Road, Hyderabad

SPINNING & WEAVING MILLS

Aurangabad Mills, Ltd , Aurangabad Messrs Gupta & Sons, Agents, Empire House, Hornby Road, Fort Bombay Mills at Aurangabad Spindles 11,538, Looms 271

Azam Jahi Mills, Ltd , Warrangal The Industrial Trust Fund, Government of Hyderabad, Agents 159, Gunfoundry Road, Hyderabad (Dn) Spindles 19,944, Looms 440

Mahaboob Shahi Kulburga Mills Co , Ltd , Gulbarga Messrs Dayaram Surajmal Lahoti, Agents, Begumpet (Dn) Spindles 27,764, Looms 598

Osmanshahi Mills, Ltd , Nanded The Industrial Trust Fund, Government of Hyderabad, Agents, 159, Gunfoundry Road, Hyderabad (Dn) Spindles 26,016, Looms 668

THE DEWAN BAHADUR RAMGOPAL MILLS, LTD , Secunderabad (Dn) Messrs Lachminarayan Ramgopal & Son, Ltd , Agents, Post Box No 5, Secunderabad (Dn) Spindles 24,416, Looms 585

STATIONERS

Osmania General Agency, 87, Kingsway, Secunderabad (Dn)

SURGICAL INSTRUMENTS

Pearl Surgical Dressings Works, Industrial Area, Azamabad, Post Box No 129, Hyderabad (Dn)

JAMMU AND KASHMIR STATE

AREA 92 780 sq miles, Population 4 41 millions (1951), Capital Srinagar

The Jammu and Kashmir State constituting the extreme western section of the Himalayas, lies between 32°17′ and 36°58 north latitude, and 73°26′ and 80°30′ east longitude The total area of the State is 92,780 sq miles—55 sq miles less than the area of Hyderabad, and the population 4,410,000 with an average density of 48 per sq mile For administrative purposes, the State is divided into three provinces Kashmir, Jammu and the Frontier

Non Muslims form about 23 per cent of the total population—a percentage slightly higher than the one which Muslims formed in India before the partition Culturally both Muslims and Hindus belong to the same group Consequently, they speak the same language and have common customs and conventions, and sometimes even places of common worship

About 10 3 per cent of the total population is urban There are 2 cities, 37 towns and 8,740 villages in the whole State

In recent years, the State has made all round progress To give a fillip to State Trade, a network of Kashmir Arts & Crafts Emporia has been established in important cities in India These account for Kashmir goods worth about 17 lakhs annually The State owns a transport fleet of nearly 500 vehicles Distribution of essential commodities within the State is made mostly through *multi purpose co-operative* societies This has resulted in all areas of the State being fully served with essential supplies and elimination of the black market The State runs two Radio Stations in Srinagar and Jammu From the point of literacy, the State is well ahead of many former States in India, with a University of its own established in 1949 In 1951, there were 2,216 educational institutions in the State including seven colleges one of them being exclusively for women A Kashmiri script has been evolved for the first time in history Text books in Kashmiri have been introduced in elementary schools

The State occupies an important position in the political geography of India as it has common frontiers with China, the U S S R , Pakistan and Afghanistan

EARLY HISTORY

About the beginning of the 14th century Rentchen Shah, a Buddhist fugitive from Tibet happened to capture power and occupy the throne of Kashmir He then wanted to change his religion and adopt Hinduism The Brahmins of the State refused to accede to his request. He therefore embraced Islam, and started a regular campaign to kill the Brahmins

After Rentchen Shah came a long succession of Sultans who for more than two centuries, ruled Kashmir with an iron hand They were followed by the Mughals Then the Afghans captured power in 1750 In 1819 the Afghans were ousted by the Sikhs

Gulab Singh the great great grandfather of the present Sadar i Riyasat, Karan Singh ascended the throne in 1846 Gulab Singh was one of the most important generals in Maharaja Ranjit Singh's army, and after Ranjit Singh s death, became the Prime Minister of the Sikh dominion At the time he had absolute control over Jammu, Ladakh and other adjoining territories and had spread his conquests to Kashmir to the extent that by 1846 he was the virtual ruler of that land That year, in return for his neutrality during the Sikh wars and also for the payment of a small sum of Rs 75,00,000 the British signed a treaty with him whereby they recognized his sovereignty over Kashmir This treaty is called the Treaty of Amritsar It is against this treaty which is described as a sale deed that sentiment in Kashmir is very strong and that the ex Prime Minister of Kashmir Sheikh Mohammad Abdulla led an agitation

AGRICULTURE

Kashmir State has a delightful climate, though winter months are very cold The maximum recorded temperature of the Kashmir Valley is 99 3 degrees and the minimum 11° In Jammu the temperature in summer goes upto 115°, or sometimes even higher, but comes down to 30° and even to 20° during winter in some parts of the State The average rainfall for the whole of the State is 28 45"

Forests hold an important place in the economy of the State They yield fine wood of many varieties, medicinal herbs and also provide game and fodder for the cattle The forest operations do not extend to the Frontier Province which forms three-fourths of the total area of the State In the two remaining provinces, 10 865 sq miles or about 50 per cent of their total areas constitute forest land

Agriculture is the main occupation of the people But the soil is not very fertile Only 5 6 per cent of the total area is cultivable, and the remaining portion is full of mountains and deserts The total amount of land actually under cultivation in the State is about 2,300,000 acres The main crops grown are rice and maize, and in Jammu wheat and maize The State on the whole is deficit with regard to food supply

The Government passed the Big Landed Estates Abolition Act' in 1951, by virtue of which the right of ownership held by a landlord owning more than 22½ acres is extinguished and is thereafter vested in tillers of such lands In pursuance of this Act, the Government has distributed the land held by big landlords (as defined in the Act) among the tillers and thus landlordism, to a large extent, has been abolished in the State

The Land Compensation Committee appointed by the Constituent Assembly presented its report to the Assembly in the last week of March 1953 The Constituent Assembly accepted its recommendations and unanimously passed a resolution on March 31, 1953, that no compensation be paid for land expropriated under the Big Landed Estates Abolition Act

INDUSTRY, MINERALS

Woollen textile manufacturing is the biggest single industry in the State It gives employment to about 300,000 people, including both part time and whole time workers Kashmir woollens, such as shawls, carpets, namdas and gabbas have a world wide popularity During the 18th and 19th centuries especially Kashmir shawls had a wide demand in England, and, as it was expressed at the time, 'adorned the proud est beauties in Europe and the rest of the world'

Next in importance comes the silk industry Kashmir filatures are the largest in the world for a single unit of production, and produce one of the finest quality silks

Papier mache, silver ware, and wood-carving are among the other minor industries of the State

Woollen manufactures, silks, forest products such as timber, herbs, some chemicals, furs and skins, and fruit and vegetables are the main items of export, whereas foodstuffs, textiles, sugar and tea, spices and hardware form the main imports into the State

The following is a list of the minerals found in the State Coal, Lignite (possibilities of petroleum), Bauxite, Iron ore, Copper ore, Lead, Zinc, Nickel ore, Manganese, Gold, Arsenic, Chromite Ochre, Gypsum Graphite, Kaoline, Bentonite, Fuller's Earth, Marble, Slate, Steatite, Serpentine, Baryles, Corrundum (Sapphire and Ruby), Beryl and Aquamarine and Tour mallin There are other minerals too, suitable for glass manufacture But it is not known, whether the exploitation of all these minerals is an economic proposition Coal, Lignite and Iron ore and some other minerals are supposed to be in existence in fairly large quantities

Tourist traffic is one of the main sources of income both to the State and the people It is estimated that before the trouble started in Kashmir, about 40,000 people used to visit that place annually, spending about Rs 1,50,00,000 during their stay of a few months in the Valley Great efforts are now being made by the State to develop this traffic to the maximum possible extent.

To evolve an integrated plan for the progress and prosperity of the State, the Government set up a Planning Committee A Five Year Plan for the development of the State has been prepared The total expenditure under the Plan is estimated at Rs 13 crores —7 crores will be met from Central Assistance Programme and 3 crores from the State Revenues

TRANSPORT

The total mileage of roads maintained by the P W D is about 2,650, out of which 562 miles are metalled, 620 unmetalled and the remaining mileage bridle paths The Five Year Plan provides for the construction of 233 miles of new roads and upgrading of 225 miles of existing roads Jammu is connected with Srinagar by a fine motorable road of 203 miles Being navigable the rivers in Kashmir Valley play a great part as means of transport

The Pathankot Jammu road, 65 miles long, built in three months at a cost of about Rs 3,00,00,000, was opened for traffic by the Prime Minister of India, on July 7, 1948 Considering the sort of country in which it was built the road is regarded as a very remarkable feat of engineering Three important bridges on the road, 2,800 ft , 2,000 ft , and 1,000 ft long were also declared open on July 7, 1948

For the 1953 54 budget receipts were estimated at Rs 479 54 lakhs and expenditure at Rs 469 01 lakhs

A sum of Rs 65 35 lakhs was provided for capital expenditure Besides this provision was made for Rs 204 13 lakhs under the 7 crore part of the Five Year Plan by debit to funds provided from Central assistance

The main sources of income are customs,* land revenue, forests, profits of silk reeling (which is a State monopoly), courts, etc , and the main items of expenditure are salaries, public utility works, education, sanitation, irrigation, electricity, etc

POLITICAL SET-UP

Kashmir acceded to India on October 26, 1947 Simultaneously, to fulfil one of the conditions of the acceptance of accession by the Government of India, the Maharaja invited Sheikh Mohammad Abdulla, President of the All Jammu and Kashmir National Conference, to form an interim Government, and to carry on the administration of the State The interim Government later changed into a full fledged Cabinet, with Sheikh Abdulla as the first popular Prime Minister

The Maharaja withdrew from the State and handed over power to his 21-year old son who was to act during his absence as a constitutional ruler The latter, Yuvraj Karan Singh, formally took over from his father on June 20, 1949

For the first time in history, the people of Kashmir elected a sovereign Constituent Assembly which met in Srinagar in October-November 1951 The Constituent Assembly had before it four main tasks, (1) to devise a Constitution for the future governance of the country, (2) to decide the future of the ruling dynasty, (3) to decide whether or not compensation should be paid to the landlords whose lands had been transferred to the tillers and (4) to declare its mind on the future affiliations of the State

On November 20, 1951 was promulgated the Jammu and Kashmir Constitution (Amendment) Act which amends 42 Sections of 78 clauses of the old constitution By this the State attained complete and unfettered responsible democratic government

*Now abolished See below

The new enactment transferred power from the ruler to the popular Government and gave legal recognition to the principle of full, responsible Government which, in theory only, was enforced by the Maharaja's proclamation of March 5, 1948

Independence of the judiciary was fortified further by extending the normal tenure in keeping with the law in other parts of India The Board of Judicial Advisers was retained

The enactment also amended the oaths of office for Ministers and Judges Unlike the old oath under which one had to swear and owe allegiance to the Maharaja, his heirs and successors the new one specified allegiance to the Constitution of the State as by law established

The amended Constitution authorised the Constituent Assembly to convert itself or set up another body to discharge the functions of the State Legislature until the new one was elected The Government would be collectively responsible to that Assembly which would be unrestricted in its powers The Legislature will have the right to legislate for all parts of the State, even Azad Kashmir The Government has been given extra territorial jurisdiction not enjoyed by any other State in India

The report of the Basic Principles Committee was presented to the Constituent Assembly on June 10, 1952 On June 12 the Assembly adopted the recommendations of the Committee and passed a resolution terminating hereditary rulership in the State and making the office of the Head of the State (Sadar i Riyasat) elective The resolution added

"The Head of the State shall be a person recognised by the President of the Union on the recommendation of the Legislative Assembly of the State

The resolution fixed the term of the office of the Sadar i Riyasat at five years On 14th November, 1952, the Legislative Assembly elected Yuvraj Karan Singh as the first Sadar i Riyasat He was sworn in on November 17, 1952

The constitutional position of Kashmir is now based on the Delhi Agreement between Mr Nehru and Sheikh Abdulla concluded in 1952 July

The provisions as set forth by the Drafting Committee were accepted by the Kashmir Constituent Assembly on February 15, 1954

They were to be brought into force through an order of the President under Article 370 of the Indian Constitution on April 13

Kashmir is now legally a part of India while retaining certain autonomous rights The division of powers between the Centre and the State are clearly demarcated and there is no concurrent list Residuary powers vest with the State The emergency powers of the President will be exercised only on the advice of the State Government Though citizens of Kashmir will be citizens of India also, within the State they enjoy a special position in respect of Government service and purchase of immovable property

The Supreme Court of India will serve as the Appellate Court for Kashmir It will have the power to interpret the constitution of the State It will thus have the power to enforce the fundamental rights accepted by the State—rights with safeguards for land reforms and such security measures as the Public Security Act

As in the rest of India the Centre and not the State will levy income tax and certain excises, and also customs duties

SADAR-I-RIYASAT

Sadar i Riyasat Yuvaraj Karan Singh
Military Secretary Col Ghulam Qadir
Secretary, Rajkumar Shivdev Singh

COUNCIL OF MINISTERS

Prime Minister, Bakshi Ghulam Mohammed
Health, G M Sadiq
Finance, Pandit Girdhari Lal Dogra
Development, Pandit Shamlal Saraf
Revenue Mir Qasim
Education, Sardar Budh Singh

DEPUTY MINISTERS

Home, D P Dhar
Ladakh Affairs Kaushak Bakula
Education Health, Ghulam Rasul Renzu
Development Assadullah Mir
Revenue, Major Piar Singh

SECRETARIES

Chief Secretary M K Kidwai
Private Secretary to P M, R C Raina
Law, Badri Nath
General, A A Bazili
Home, Narendar Singh
Education and Health Ghulam Mohammed
Finance Ram Lal Gupta
Development, Abdul Rashid
Revenue N Aga
Works Power, Irrigation, Planning, P N Chaku

HEADS OF DEPARTMENTS

Inspector General of Police, Baldev Singh Samyal
Accountant General, Ghulam Ahmed
Director of Industries and Commerce, T C Wazir
Transport Controller S M Aga
Director of Information and Broadcasting, J N Bhan
Director of Veterinary V L Wazir
Chief Conservator of Forests Harnam Singh Pathania
Registrar of Co-op Societies and Director, Rural Development Syed Ahmed
Inspector General of Excise and Customs, Nil Kanth
Director Visitors Bureau, B I Jalali
Supdt Archeology, Research, T N Kazanchi
Chief Engineer, D N Gupta
Chief Engineer, Electrical and Mechanical, R S Jamwal

OTHER OFFICIALS

Commandant, J and K Additional Police, G R Thappa
Chief Medical Officer, Jammu S S Gupta
Chief Medical Officer Kashmir, Ghulam Ahmed
Chairman, Public Service Commission, Prithi Nandan Singh
General Manager, Kashmir Arts Emporia Dina Nath Saraf

TRADE COMMISSIONERS

New Delhi Khwaja Ahsan Ullah
Bombay S S Nishat
Pathankot D N Jalali
Amritsar Amar Singh Khorana
Calcutta V N Saraf

High Court

Chief Justice Hon'ble Janki Nath Wazir
Judges Hon'ble M A Shahmiri Hon'ble Pandit Jia Lal Kilam
Registrar Ghulam Mohammad

CONSTITUENT ASSEMBLY

President Ghulam Rasool Renzoo
Secretary, Pandit Hiranand Raina
Jt Secretary P L Gupta

Members Mirza Mohammad Afzal Beg (*Annantnag*), Ghulam Rasool (*Amira Kadal*) Pt Ram Lal (*Akhnoor*) Mohammad Ayub Khan (*Arnas*) Sayed Abdul Qadus (*Biruwa*) Aga Syed Ali Safir (*Budgam*), S Harbans Singh Azad (*Baramulla*), Kh Abdul Kabir Khan (*Bandipora Gurez*), Mahant Ram (*Basohli*), Pt Ram Chand Khajuria (*Billawar*), Mahasha Nahar Singh (*Bishnah*) K Chuni Lal (*Bhadarwah*), Abdul Gani Goni (*Bhaleesa Bhunjwah*) Bakshi Abdul Rashid (*Chari Shariff*) S Chela Singh (*Chhamb*) Mir Qasim (*Duru Shahabad*) Ghulam Ahmed Mir (*Dachin pora*) Malik Ghulam Hussan (*Devasar*) Kh Ghulam Nabi (*Darhgam*), Kh Ghulam Qadir Masala (*Daragmulla*), Jamai ud Din (*Darhal*) Kh Ghulam Ahmed Dew (*Doda*), Kh Noor ud Din Sufi (*Ganderbal*) Pt Sham Lal Saraf (*Haba Kadal*) Sheikh Mohammad Abdullah (*Hazaratbal*) Kh Ghulam Rasool Kar (*Hamal*), Sayed Alla ud-Din Gilani (*Handwara*), Master Ghulam Ahmed (*Haveli*), Girdhari Lal Dogra (*Jasmergarh*), Shrimati Isher Devi Mami (*Jammu City Northern*), Wazir Ram Saran (*Jandrah Gharota*) Pt Janki Nath Kakroo (*Kothar*) Noor Din Dar (*Khoiarpora*) Shrimati Ram Devi (*Jammu City Southern*) D P Dhar (*Kulgam*), Mian Nizamuddin (*Kangan*) Kh Ghulam Mohi ud Din Khan (*Khan Sahib*), Kh Mohammed Anwar Shah (*Karnah*), Sayed Ibrahim Shah (*Kargil*), Piar Singh (*Kathua*) Ram Rakha Mal (*Kahna Chak*), Kh Ghulam Rasool Karaipak (*Kishtwar*) Kh Ghulam Nabi Wani (*Lolab*), Glashas Bakula Nawang Labzang Thupstan Gjaltsan Alias Kaushak Bakula (*Leh*) Pt Baghat Ram (*Landar Pikri*), Kh Mubarik Shah (*Magam*) Maulvi Jamaitali Shal (*Mendhar*) Mirza Ghulam Mohd Beg (*Nanbug Brang Valley*) Ghulam Rasool Raina (*Nandi*), Ghulam Hussan Khan (*Narwaw*) Krishan Dev Sethi (*Nowshera*), Pirzada Ghulam Jilani (*Pampore*), Sanaullah Sheikh (*Pulwama*) Kh Ghulam Mohd Bhat (*Patlan*) Sagar Singh (*Parmandal*), S Kulbir Singh (*Poonch City*), Kh Abdul Gani Trali (*Rajpura*), Ghulam Mohomed Rajpuri (*Ramhal*) Bhagat Chhajju Ram (*Ranbirsingh pura*), Abdul Aziz Shawl (*Rajouri*) Hem Raj (*Ramnagar*), Mansukh Rai (*Reasi*) Asadullah Mir (*Ramban*) Ghulam Rasool Sheikh (*Shopian*) Bakshi Ghulam Mohammed (*Saffakadal*) Hakim Habib Ullah (*Sopore*) Abdul Khaliq Buth (*Sanwara*), L Ram Pitra Saraf (*Samba*) Pir Ghulam Mohd Masoodi (*Tral*), G M Sadiq (*Tankipora*), Sheikh Mohd Akbar (*Tang Marg*) Mohd Afzal Khan (*Uri*) Pt Moti Ram (*Udhampur*), Mirwaiz Ghulam Nabi Hamdani (*Zaddibal*) Kh Ghulam Mohi ud Din Hamdani (*Khanyar*)

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MADHYA BHARAT

Area 46,478 square miles

Population (1951) 7,954,154 (Males 4,133,075, Females 3,821 079)

Capital Gwalior, Indore (summer)

Administrative Division Northern Division and Southern Division

Districts (Headquarters in brackets)

Northern Division Gird (Gwalior), Bhind (Bhind), Morena (Morena) Shivpuri (Shivpuri), Guna (Guna), Rajgarh (Rajgarh), Shajapur (Shajapur), and Bhilsa (Bhilsa)

Southern Division– Indore (Indore), Dewas (Dewas), Ujjain (Ujjain) Dhar (Dhar) Nimar (Khargone), Ratlam (Ratlam), Mandsaur (Mandsaur), and Jhabua (Jhabua)

Number of Districts 16

Number of Tehsils 80

Number of Villages 21 201

Number of District Boards 16 Mandal Panchayats

Number of Municipalities 84

Notified Area Residency Area Authority, Indore is *sui generis* a local body administered under the Residency Area Authority Act, 1934

Number of Panchayats 4,557 (Gram Panchayats 4,111 Kendra Panchayats 223, and Nyaya Panchayats 223)

Towns with more than 50 000 population Indore (including Gautampura) 310 859, Ujjain (including Gwalior and Morar) 241 577, Ujjain 129 817, Ratlam 63,403

Strength of Legislative Assembly 99

Number of members returned to the House of the People 11

Number of members returned to the Council of States 6

Total income of State Rs 14,29,78,000 (Budget estimate 1953 54)

Per capita income Survey not yet made an attempt, however, to estimate national income of State for 1946 47 indicated *per capita* income at Rs 174 per annum

Revised Five Year Plan Rs 28 5 crores

Plans for employment Rs 3 crores

LARGE-SCALE INDUSTRIES

Names of industries with their location, production in 1952 and approximate value within brackets Textile Mills (Indore, Ujjain, Gwalior Ratlam, Dewas and Mandsaur, 289,33,595 yards (Cloth) Cement (Banmore, 58,866 tons Rs 41,79,486), Potteries (Gwalior, 560 tons, Rs 5 25,124), Thymol (Rau Indore 3 248 lb) Texmaco Looms (Gwalior, 1,899), Footwear (Gwalior, 25,466 pairs), Art Silk, (Indore, Ujjain and Gawalior, 2 123,447 yards), Carpets (Gwalior, 2,956 sq yards, Rs 1,37 246), Hume and Spun Pipes (Indore, 57,959 Rft, Rs 1,98,572), Straw Board (Ratlam, 292 tons), Kattha (Shivpuri, 740 md) Razor Blades (Ujjain, 936 900), Mangalore Tiles (Indore and Ujjain, 464,386), Biscuits (Gawlior, 764 tons) Confectionery (Indore and Gwalior, 746 tons), Starch (Mandsaur 616 tons) Fruit Products (Ratlam, Rs 36 465), Diesel Engines (Indore, 517, Rs 13 22 150), Glass (Gwalior, Rau and Basoda, 115 tons (One factory only)), Sodium Silicate (Gwalior 2,436 cwt Rs 21,480), Sugar (Dabra, Dalauda, Jaora, Sarangpur and Mahidpur, 203,755 md), Match Factory (Gwalior, 76 456 Gross boxes)

Total number of registered factories 720 (as on 31st March 1953)

Total number of workmen employed in registered factories 83 325

Industrial Research Organisation Jiwaji Industrial Research Laboratory, Gwalior

Number of workmen employed in individual industries Cotton Textiles, 41,622, Oil mills, 3,533 Cement, 750, Thymol, 20, Texmaco Looms, 995 Footwear 85, Art Silk, 685 Carpets, 450, Hume and Spun Pipes, 60, Straw Board 180 Kattha, 245 Razor Blades 20 Mangalore Tiles 201, Biscuits and Confectionery 870 Starch 100, Fruit Products, 10 Diesel Engines 250, Glass, 173, Matches, 150 Gwalior Engineering, 500, Hosiery, 982, Vanaspati, 250, Sugar 3,631, Potteries, 499, Ginning 15 170, Pressing, 3,414

Number of registered factories in individual industries Textile Mills, 16, Engineering and Metal Works, 94, Hosiery Factories 18, Oil Mills (including composite Dal Flour Rice mills), 92 Power Houses, 28 Ice Factories, 6, Cement Pipes 2 Glass factories, 3 Chemical and Pharmaceutical 4 Ginning, 238 Pressing, 56, Distilleries 8 Sugar (including 5 vacuum) 10, Bricks and Tiles, 2 Cement 1 Water Works, 6, Dal Rice Flour Mills, 24 Bone Mills, 3, Rayon Silk, 4 Wool 2 Printing Presses, 20 Dari and Carpets, 3, Gold and Silver Ornaments 1 Biscuit and Confectionery, 3, Umbrella, 3 Cold Storage 1 Soda Water 1, Match, 1 Boot Polish 1, Potteries 1 Rubber Plastic, 1 Tanneries, 2 Saw Mills 2 Kattha, 1 Bidi 7 Blades, 1 Starch 2 Cardboard 1 Vanaspati, 1 Dyeing and Printing 3 Thymol 1 Dairy 1, Furniture and Motor body 3, Perfumery 1 Opium, 1 Fire works 1 Groundnut Decorticating 6 Soap 5 Stone breaking 5, Staple Fibre, 1 Power looms, 3

COTTAGE INDUSTRIES

Main cottage industries Hand spinning Handloom weaving, Cotton ginning by hand, Hosiery Cloth dyeing and printing Block making for cloth printing Wool carding Wool spinning and blanket weaving Lacquer ware, Manufacture of *khandsari* sugar Manufacture of palm *Gur Bidi* Grass mats, Slates and slate pencils Sericulture, Lac and coconut bangles Cloth, paper, clay and leather toys

Number of units and workers in individual cottage industries Cotton spinning, sizing and weaving, 4 065 and 19 150, Cotton dyeing and printing, 707 and 3 981 Wool spinning and weaving, 353 and 2 119 Cotton ginning and pressing, 269 and 1 554, Oil presses, 4,952 and 12 742 Lire works, 193 and 531 Bangle manufacture, 358 and 956, *Bidi* making, 209 and 1 926

Production and sale of cottage industries products (1952 53) Mandsaur woollen centre—Production Rs 1 30 404 and Sale Rs 1,37,253 Leather toys—Production Rs 6,497 and Sale Rs 4 031 Khadi centres—Production Rs 30,720 and Sale Rs 30,475, Industrial shop production Rs 83 680, Sericulture—40 lb silk and 529 lb cocoons Leather goods (Dewas Agar and Shivpuri)—Production Rs 7,519 and Sale Rs 6,583, Palm *Gur*—Production Rs 1,482

Cottage Industries Centres and Emporia Adivasi Handloom Centres, Government Handloom Factory Maheshwar Chanderi Textiles, Chanderi Textile Institute, Chanderi, Government Handloom Centres Khadi Production Centres Government Blanket Factory, Manasa, Kambal Production Centre, Mandsaur Tuitional Class, Bhind, Tanneries Peripatic Party, Bhind, Leather Stitching Centres, Government Palm Gur Centres Government Sericulture Farm, Indore Carpentry Centres Cabinet making Centre, Indore, Wood Working Centre Gwalior, Leather Toys Centre, Indore, Bamboo Work Centre, Chanderi Arts and Crafts Emporia Oil Pressing Centres Mechanised Cottage Industries Centre Indore Bee keeping Centre, Shivpuri, Glazed Pottery Centre, Mandsaur

MINERALS

Manganese—Kajli Dongri mines in Jhabua district prospecting in a number of other villages in the district

Iron Ore—Jhabua and Gird districts

Soap Stone, Asbestos and Vermiculite—Jhabua district

Barytes—Dewas district

Lime Stone –Jhabua, Dhar, Nimar, Mandsaur and Morena districts

China and Fire Clay –Gird and Mandsaur districts

Glass Sand and Marble—Morena district

Red and Yellow Ochre—Gird district

Slate –Mandsaur district

AGRICULTURE

Main Food Crops Rice, wheat, barley, jowar, bajra, maize gram and pulses

Main Cash Crops Sugarcane, cotton and jute

Total Food Crop Production 799,641 tons (1951 52)

Individual Crop Production Rice 14 419 tons, Wheat, 141,066 tons Barley, 23 441 tons, Gram 233 213 tons Bajra, 46,509 tons, Maize 49 356 tons Jowar 222,874 tons Pulses 68 763 tons

Individual Cash Crop Production Sugarcane, 45 112 tons Cotton, 192 396 bales, Jute, 6 507 tons

Total area of State 27 813 260 acres

Area Cultivated 10 916 951 acres net

Uncultivable Land 9 084 164 acres

Twice cultivated area 11 274,856 acres

Area under Dry Cultivation 10,449,891 acres (un irrigated)

Area under Wet Cultivation 467,060 acres (irrigated)

Area under Food Crops 8 126 477 acres

Area under Cash Crops 1 594 913 acres

Area under individual food crops Rice 241 437 acres Wheat, 1 532 826 acres, Barley, 95 109 acres, Jowar, 2,928,740 acres, Bajra 390 681 acres Maize, 532 808 acres, Gram, 1,41 053 acres, Pulses 761,594 acres

Area under individual cash crops Surgarcane, 53 814 acres, Cotton, 1,462,997 acres, Jute, 59,103 acres

Area possibly available for further cultivation 7,335 740 acres through reclamation measures

FORESTS

Total forest area in State 11 718 sq miles (Indore—1,454,76 sq miles, Kannod—734 15 sq miles, Dhar—1 123 sq miles, Nimar 1,814 63 sq miles, Gwalior—1,140 32 sq miles Shivpuri—1,811 83 sq miles, Sheopur – 2,004 45 sq miles, Guna—1,635 13 sq miles)

Private forests About 4,000 sq miles, expected to vest in Government with Zamindari and Jagirdari abolition

Total forest revenue Rs 67,04,000 (1951-52)

Total forest expenditure Rs 24,06,000 (1951-52)

Main forest produce Timber, 2,775,000 Cft Rs 24,68,017, Firewood and Charcoal wood 11,625,000 Cft, Rs 10,89,862, Bamboos, 200,000 tons, Rs 3,52,147, Grass and grazing, 5 000,000 maunds Rs 11,00,520, Other forest produce, Rs 11,11,808

Afforestation In Van Mahotsava, 1952, 9,026,619 trees were planted, other activities included construction of contour bunds, field drainage and terracing, strip planting ridges, gully plugging, planting of gander grass and canal plantation

LIVESTOCK

Cattle in Madhya Bharat Cows, 2,017,682 (Nimari 137,259, Malvi, 1,544,928, Hariana, 335,459), Buffaloes, 1,013,171, Bullocks, 2,090,108, Horses, 106,541, Sheep, 279,675, Goats, 1,206 132 Mules, 746, Camels, 10,982, Pigs, 29,828, Calves, 1,949,092, Donkeys, 35,629, Fowls, 671,148, Duck, 2,096

Number of stud bulls 141, Buffalo bull 1, Rams 7, Stallions 3

Veterinary experimental stations 16 (M B Vaccine and Research Institutute, Lashkar Bull breeding farms, Simrel and Agarpura, Sheep breeding farm, Agar Poultry centres and farms, 6, Key village centres, 3, Key farms, 3)

Number of veterinary hospitals 154

Number of surgeons 52, stockmen 315

Doses of vaccine and serum issued G L V 1,594,500, H S V, 583,500, A R P, 32,125, H S, 73,408, B Q, 18,016, Anthrax, 3,920

Budget for Veterinary Department Rs 15,00,000

Fisheries Variety of fish (inland) produced Rohu, Narnin, Bawa, Calabasu and Cutlev

Fishing population 36 408

TRANSPORT

Total road mileage 1,046 miles

National Highway (Agra Bombay Road) 440 miles

Length of routes covered by private buses 6,775 miles

Routes operated by private buses 161

Number of private buses 375

Number of private trucks 1 437

Aerodromes Gwalior (Maharajpura) and Indore

Transport has been nationalised in the State Name of Authority Madhya Bharat Roadways (Government owned and operated)

Capital invested (31st March 1952) Rs 50 46 000

Total mileage covered 17 13)

Annual mileage 62 54 275

Passenger routes covered 110

Passenger vehicles owned 275 goods vehicles owned few only for departmental use

City bus services 26 vehicles operate bus services in Gwalior, Indore and Ujjain cities

Total number of passengers carried 78 00,600 annually

Total revenue Rs 61 78,792

Profit Rs 4 62,117

Amenities provided Waiting and retiring rooms, passenger shelters and supply of cold water at important stations

Rate per passenger mile Between six and nine pies

Ratio of total wage bill to total working expenses 18 per cent

Repair and over haul workshops One central workshop and seven running workshops

TRADE

The amounts of export and import duties realised during 1952 53 were

Export Duty—Rs 61,88 872

Import Duty -Rs 47,58,072

Regulated Markets Gwalior, Morar, Lashkar, Dabra, Bhind, Bhander, Gohad, Mo, Morena, Sabalgarh, Sheopur, Shivpuri, Guna, Pachhar, Mungaoli, Bhilsa Basoda, Gulab Ganj, Ujjain, Khachraud Barhnagar, Nagda, Tarana, Shajapur, Shujalpur, Agar, Susner, Nalkheda, Akodia, Kala Pipal, Mandsaur, Jawad, Bhagana, Suwasara, Rajgarh (Dist Dhar), Manawar, Amzera, Bagh, Dehari Saraya, Sonkath, Kannod, Indore, Sendhwa, Bhikangaon Barwaha, Khargone and Sanawad

ELECTRICITY

Total installed power capacity in State 17,244 kW

Total effective capacity 12,500 kW

Total production 31 7 million units (1952)

Units supplied to industry 3 4 million units

Units supplied for domestic use 5 72 million units

Power stations (Government) M B L S (Madhya Bharat Electric Supply) Indore capacity 9 540 kW, 12 276 million units per annum, M B E S, Gwalior, 2,000 kW, 8 58 million units p a, M B E S Ujjain, 1 000 kW, 3 346 million units p a M B E S, Shivpuri 180 kW, 315,000 units p a, M B E S, Dhar, 425 kW 556,000 units p a, M B E S Jaora, 226 kW, 512,000 units p a M B E S, Dewas 250 kW, 390 000 units p a, M B E S Morena, 160 kW, 147,000 units p a, M B E S, Khargone, 125 kW, M B E S Narsinggarh, 115 kW 73,000 units p a M B E S, Kurwai 42 kW 26,000 units p a, M B L S, Mahidpur, 100 kW 96 000 units p a M B E S, Rajgarh 50 kW, 88,000 units p a, M B L S, Barwani, 30 kW, 52 000 units p a

Private Power stations Shri Krishna Electric Supplies Sitamau, 30 kW, 24 000 units p a, Khilchipur Electric Supply Khilchipur 20 kW, 17 000 units p a Mhow Electric Supply, Mhow 653 kW 1 565 million units p a Tarana Electric Supply Tarana 36 kW 71 000 units p a Malwa Electric Supply Bhilsa 70 kW 162 000 units p a Malwa Electric Supply, Guna 137 kW 216,000 units p a Sailana Power House Sailana 52 kW 17 000 units p a Ratlam Electric Supply, Ratlam 800 kW 1 889 million units p a Barhnagar Electric Supply Barhnagar, 120 kW 157 000 units p a Gwalior & Malwa Electric Supply Neemuch, 155 kW 217,000 units p a Mandsaur Electric Supply Mandsaur, 520 kW, 522 000 units p a Jhabua Power House Jhabua 50 kW 11 000 units p a, Dewas (Sr) Electric Supply Dewas (Sr) 128 kW, 318,000 units p a, Municipal Power House Shajapur 150 kW 106 000 units p a Alirajpur Electric Supply, Alirajpur 50 kW 89,000 units p a

Government power projects (1) Installation of two 5 000 kW generating sets with auxiliaries at Central Power House, Indore and transmission lines to Mhow Dewas and Ujjain estimated cost Rs 1 39,32 000 (2) Installation of 3,000 kW plant at Indore estimated cost Rs 12,50,000 (3) Installation of 2 500 kW plant at Gwalior, remodelling of mains and change over from D C to A C estimated cost Rs 54 60,000 (4) Increasing capacity at Ujjain by power supply from Indore and remodelling of mains estimated cost Rs 25 00 000 (5) Installation of 50 kW D C set at Narsinggarh (6) Installation of two 112 kW A C sets and change over from D C to A C and remodelling of mains at Jaora estimated cost Rs 3,94 000 (7) Installation of another 125 kW set at Khargone estimated cost, Rs 3 50 000 (8) Power House at Bhind, 250 kW estimated cost Rs 5,75,000 (9) Power House at Shujalpur, 100 kW estimated cost Rs 2,76 000 (10) Power House at Sanawad 200 kW estimated cost, Rs 4 00 000 (11) Augmentation of power plant at Morena (12) Installation of one more 50 kW set at Mahidpur (13) Installation of two 137 kW sets and remodelling of mains at Shivpuri, estimated cost, Rs 2 40,000

Total expected capacity in State after completion of projects 30,296 kW

CHAMBAL HYDEL PROJECT

Part of the inter Statal Chambal River Valley Development Project to benefit Madhya Bharat and Rajasthan and included in India s national five year plan the Chambal Hydel scheme envisages construction of Gandhi Sagar Dam at a site five miles down stream of Chauran sigarh Fort in Mandsaur district and of power house with generating capacity of 60 000 kW at an estimated cost of Rs 14,27,00 000

IRRIGATION

Total area irrigated in State About 200,000 acres

Irrigation projects planned (1) Dam across Mola river about nine miles from Bahadurpur in Mungaoli tehsil of Guna district with 577 million cubic feet capacity to irrigate 4 000 acres, cost Rs 10 00,000 (2) Dam across Kouch river near Jassaiya-Banskhedi villages in Mungaoli tehsil of Guna district with 1 700 million cubic feet capacity to irrigate 30 000 acres, cost Rs 34 00 000 (3) Dam across Borad river near Thikri in Nimar district with 4 000 million cubic feet capacity to irrigate 40 000 acres cost Rs 80 00 000

Estimated rise in output Some 8 000 tons of grain

Irrigation by Chambal Twelve lakh acres of land in Madhya Bharat and Rajasthan are expected to be irrigated as a result of the Chambal River Valley Development Project included in India s national five year plan

The additional yield of food grains is estimated at 400 000 tons

Areas to be irrigated will be Kotah Bundi, Sawai Madhopur and Bharatpur districts of Rajasthan and Bhind Morena and Gird districts of Madhya Bharat

Land reclaimed in the State Indian May 1953 3 000 acres of land reclaimed by tractors of the State Agricultural Department

In the same period 184 000 acres of land reclaimed by tractors of the Central Tractor Organisation

LAND TENURE

Land tenure system in State Ryotwari

Number of cultivators under the system 1 569,182

Law governing land tenure system Madhya Bharat Land Revenue and Tenancy Act, Samvat 2007

Main provisions of the Act No land to be allotted to a person holding 50 acres or more as *pucca* tenant Allotment of land for agricultural purposes to a non bona fide agriculturist only by Government sanction

No partition of *pucca* tenant s holding unless the tenant is left with at least 15 acres Usufructuary mortgage effected by a *pucca* tenant to a bona fide agriculturist for a period of not more than six years to be deemed to have been satisfied or redeemed after the expiry of the period

Pucca tenant s rights not to be sold if his total holding is 15 acres or less Tenant to be exempt from arrest and imprisonment in execution of decree passed by civil court or revenue authority

Subject to rules under the Act, *pucca* tenant entitled to have free of charge, suitable house site in village Allotment of land to be made by auction, preference being given to Harijans and others having less than 15 acres or no land on *pucca* tenure

Zamindari and Jagirdari abolition Laws for abolition of Zamindari and Jagirdari (Madhya Bharat Zamindari Abolition Act, Samvat 2008 and Madhya Bharat Jagirdari Abolition Act, Samvat 2008) have been enacted in the State The first has been enforced while enforcement of the second awaits decision of appeals in Supreme Court Compensation payment to zamindars already commenced

Provision of compensation Eight times the net income for zamindars and seven times the net income for jagirdars

Persons affected 121,993 zamindars and 1,327 jagirdars

Area of land Zamindari -18 636 sq miles, Jagirdari—8 449 sq miles

Beneficiaries *Pucca* tenancy rights to accrue to tenants

CIVIL SUPPLIES

Food rationing in State Wheat, 16 oz per adult per week

Monthly requirement 200,000 maunds

Procurement Procurement through authorised traders, there is ban on inter tehsil movement Procurement 1952—540,846 md

Yearly food requirements Wheat—2,400,000 md, Rice —200 000 md, Millets—1,500 000 md

Deficit Rice—1,50 000 md

Food imports Wheat and millets are imported as required if crops fail

Population under rationing 2 692,548 (including 893 388 urban)

Rationing system There is no statutory rationing in the State Non statutory rationing prevails in Gwalior, Indore, Ujjain and Ratlam cities while there are relief quota shops in district and tehsil headquarters

Food subsidy Imported food grains are sold at subsidised rates

Monthly requirements of Madhya Bharat Rice—18 000 md Wheat 200,000 md Millets—125 000 md Sugar 2 500 tons Salt -125,000 md Kerosene—7 000 tins, Cloth—5,500 bales, Yarn—1,500 bales

Surplus in cloth about 10,000 bales per month in medium and coarse varieties

Kerosene and salt are imported

Sugar deficit 1 22 > tons

CO-OPERATION

Co operative banks 25

Agricultural societies 5 559 (Credit societies, unlimited 5 453 Credit societies limited - 49, Sale and purchase societies 24 Land mortgage society —1 Better living societies - 29 Other societies —3)

Non agricultural societies 635 (Credit societies, limited —184 Credit societies unlimited — 37 Consumers stores - 191 Production societies 177 Production and sale societies —6 Miscelleneous societies —40)

PUBLIC HEALTH

Number of allopathic hospitals 49

Number of allopathic dispensaries 516 (70 urban and 446 rural)

Number of beds in allopathic hospitals 3 324

Number of ayurvedic dispensaries 231 (7 urban and 224 rural)

Special hospitals with number of beds T B Clinic (J A Hospital) Lashkar, 52, Mental Hospital, Lashkar, 120 Leper Asylum, Rajgarh, 36, T B Ward (M I Hospital), Indore 56 Leper Asylum Indore, 46, K N Home Indore, 22 Mental Hospital Indore, 50 T B Sanatorium Rau, 50 K I M Hospital, Indore 181 Leper Asylum, Ujjain, 46 T B Clinic Ujjain 16, T B Clinic, Guna, 6 T B Clinic, Ratlam 6 T B Clinic, Barwani, 6, T B Clinic, Mandsaur, 6

Number of allopathic doctors 312 (70 urban, 242 rural) Ayurvedic doctors 231 (7 urban 224 rural) Nurses 93 *Dais* 253 (100 urban, 153 rural), Compounders 705

Number of in patients treated at hospitals 61,349 out patients 4 206,558

Medical colleges Allopathic 2, Ayurvedic 1

Students in medical colleges Allopathic 593, Ayurvedic 12

Medical Research Institutes G R Medical College Gwalior, Mahatma Gandhi Memorial College Indore

Medical Staff Dist Health Officers, 10 Asstt Health Officers, 16, Sanitary Inspectors, 21, Vaccinators, 146, Laboratory Assistants 2, Malariologist, 1

Diseases with number of patients treated and deaths (Indoor) (1951 52) Cholera 214 6 Dysentry, 13,762 8 Malaria, 72,084-1, Small pox 33 4 Tubercle of lungs 7 675 27, Tubercular diseases 1,999 14, Diseases of nervous system, 22,191 31, Eye diseases, 23,315 1, Diseases of respiratory system 57,372-15, Dyspepsia, 19,892-30, Diarrhoea, 21,674 14, Diseases of liver 2,554 27 Diseases of digestive system, 72,315 21 Ulcers 51 364 9, Skin diseases, 58,235 21 Injuries, 18,525 68 Labour (abnormal) 163 13, Ear diseases, 34,578

Budget (1953 54) Public Health, Rs 6 28,090, Medical, Rs 70,37 000

EDUCATION

The information relates to 1951 52

Nursery Schools 20 (19 urban and 1 rural), students, 697 teachers 14 male and 25 female, total expenditure Rs 29 842 (including Government contribution of Rs 19 864)

Elementary Schools 4,155 for boys and 357 for girls students 208,827 boys and 27,148 girls, teachers, 7,611 male and 872 female, total Government expenditure, Rs 55,80 152

Secondary Schools 350 for boys and 64 for girls students 84,614 boys and 23 130 girls teachers, 4,149 male and 940 female, total expenditure, Rs 64,27 328 (including Rs 55,04,427 from State fund)

Sanskrit Pathshalas 35 students 1,066 boys and 150 girls expenditure, Rs 61,287

Colleges (Arts Science, Commerce and Law) 17 for boys and 1 for girls students 9,536 boys and 898 girls, professors 585 male and 16 female total expenditure Rs 21 39 120 (including Rs 15 99 040 State contribution)

Professional Colleges Training colleges 2, students, 89 boys and 18 girls, teachers, 15 Medical colleges 2 students 451 boys and 60 girls teachers, 59 male and 8 female Agriculture College, 1, students 110 teachers 14 total expenditure from Government funds on professional colleges Rs 8 01 271

Normal Schools, 4 for boys and 2 for girls, students, 245 boys and 57 girls total Government expenditure Rs 1,35,630

Technical Institute 1, students 66, total Government expenditure Rs 1,13,845

Research Institutes Scindia Oriental Institute Ujjain and Jiwajirao Observatory, Ujjain

School for Deaf and Blind 1, students 25 teachers, 7 total expenditure Rs 12,530 (including Rs 8 200 from Government funds)

Adult Social Education Centres 198 for boys and 9 for girls students 4 956 boys and 129 girls total Government expenditure, Rs 44 461

Government and Aided Institutions Elementary (Primary) Schools 4 421 Government and 91 aided Secondary Schools 376 Government and 38 aided, Colleges 13 Government and 5 aided Teachers Training Colleges, Government 2 Normal Schools, Government 6 Sanskrit Pathshalas, 28 Government and 7 aided Nursery Schools, 14 Government and 6 aided

Primary Education is compulsory for boys between six and eleven years of age in all towns which are headquarters of districts in Madhya Bharat It is proposed to extend this scheme to some other towns or areas in each district soon

The medium of instruction is the mother *tongue of the pupil* in the elementary and primary stages It is Hindi in secondary stages and upto Intermediate In higher colleges it is English

COLLEGES

Victoria College, Gwalior —Prin D N Bhalla

Holkar College, Indore—Prin H Ghosh

Madhava College, Ujjain —Prin A M Dalaya

Christian College, Indore —Prin Dr Mrs Bryce

Kamala Raje Girls College, Gwalior—Prin Dr Mrs G D Mathur

Jiwajirao Inter College, Gwalior—Prin R R Agarwal

Parwatibai Gokhale Inter College, Gwalior—Prin H R Divekar

Inter College, Guna —Prin R K Shrivastava

Inter College, Morena—Prin S N Bagchi

Inter College, Barwani—Prin H L Nagar

Inter College, Dhar—Prin R M Raje

Gujrati Samaj Inter College, Indore—Prin D A Mehta

Sajjan Inter College Ratlam—Prin A R Shinde

Inter College Rajgarh—Prin R P Johri

Inter College Rampura—Prin S P Shrivastava

Inter College Mandsaur—Prin D N Khajanchi

Inter College Bhilsa—Prin S C Jain

Inter College Bhind —Prin S N Singh

Malav Inter College Indore—Prin Mrs P Indurkar

Scindia Inter College, Gwalior (Fort) —Prin K C Shukla

HIGH SCHOOLS

V C High School Lashkar, High School, Morar High School, Morena, High School, Sheopur, High School, Bhind High School, Shivpuri High School, Jaora* High School, Ambah* High School, Sabalgarh*, High School (J C Mills)* Gwalior* D A V High School Gwalior* High School Alampur (Unaided)

M S High School, Indore, S G High School, Indore Malharashram Indore, Bal Vinaya Mandir, Indore Government Sindhi High School, Indore D B A High School Khargone M G Vidyalaya, Mandaleshwar S P High School Alirajpur Darbar High School Jhabua, Vidyalaya Kannod, Narayan Vidya Mandir Dewas Sacred Heart High School, Mhow* T I High School Indore* N B High School Indore*, V High School Indore* St Raphael's High School Mhow*, K B E P High School, Mhow*, Rasalpura High School Mhow* N D Jain High School Indore* R R M Gujrati High School, Indore*

M B High School Ujjain, High School, Khachraud High School Barhnagar High School Mahidpur, High School Narsinggarh, High School Agar High School Shujalpur, High School Shajapur High School Sallana, Gandhi High School Jaora, High School, Sitamau High School, Neemuch High School Manasa Model High School Ujjain* Jain High School Ratlam*

GIRLS HIGH SCHOOLS

Gajra Raja Girls High School, Gwalior Padma Vidyalaya Gwalior Vijaya Raje Girls' High School, Ujjain, Mahila Vidyalaya, Indore Girls High School, Dhar, K K Vidyalaya, Indore, Chimabai Girls' High School, Dewas Girls' High School Mandsaur, St Riffles Canadian High School, Indore* Convent Girls High School, Mhow*, Canadian High School, Indore*

(*Note* —Aided institutions are marked with asterisks)

LIBRARIES

Madhav Library, Lashkar M B Hindi Sahitya Sabha, Lashkar, Public Library and Reading Room, Morar Chaturvedi Pustakalaya, Tarsokhar (Bhind) Bhada Prantik Digambar Jain Pustakalaya Bhind, Sarvajanik Pustakalaya and Vachanalaya, Bhind, Public Library, Karera, Gandhi Gnyan Mandir, Pohri, Samarth Vachanalaya Pachhar, Sarvajanik Vachanalaya, Mungaoli Sarvajanik Vachanalaya, Chanderi, Jiwaji Pustakalaya, Guna, Laxmi Narayan Bhagwan Library, Dewas, Sarvajanik Vachanalaya, Basoda, Sarvajanik Vachanalaya, Kurwai, Sarvajanik Vachanalaya Gyraspur Sarvajanik Vachanalya, Bhilsa Sarvajanik Vachanalaya, Alot (Bhilsa), Sarvajanik Vachanalaya, Khajuria (Rajgarh), Sarvajanik Vachanalaya, Pachhore (Rajgarh), Sarvajanik Vachanalaya, Boda (Rajgarh), Ganesh Vachanalaya, Chapihera (Rajgarh), Bajrang Vachanalaya, Katera (Rajgarh), Gandhi Library, Rajgarh, Vashwant Vachanalaya, Sarangpur, Krishna Vachanalaya, Machalpur, Ramkrishna Vachanalaya, Biaora, Ranaji Jodhpuri Vachanalaya, Khilchipur, Maharani Chandrawati Library, Mahidpur, Gayan Mandir, Khachraud

TECHNICAL INSTITUTES

Central Technical Institute, Lashkar—Principal R P Pradhan, Vice Principal M P V Nair
Textile Institute, Mandsaur
Textile Institute, Narwar

MEDICAL COLLEGES

G R Medical College, Lashkar—Principal Dr B Sahai, M D
Government Ayurvedic College, Lashkar—Principal Dr L S Bhatnagar, A M S
Gandhi Memorial Medical College, Indore—B C Bose, D Sc, M D
Rajkumar Singh Ayurvedic College, Indore—Principal Kaviraj Pratap Singh

HOSPITALS

J A Hospital Lashkar—Dr J L Razdan
King Edward Hospital, Indore—Dr B C Bose
M T Hospital, Indore - Dr R R Rishi
Ayurvedic College Hospital, Lashkar—Dr L S Bhatnagar
Dist Hospital, Bhind—Dr A S Mishra
Dist Hospital, Guna -Dr K A Taore
Dist Hospital Rajgarh—Dr M L Shukla
Dist Hospital, Ratlam—Dr B N Sibbal
Gandhi Chikistalaya Dewas—Dr Prakash Narain
King Edward Hospital, Dhar—Dr D K Tilloo
King Edward Hospital Barwani—Dr Ravindra Nath
Dist Hospital Mandsaur—Dr R Bhattacharya
Dist Hospital, Ujjain—Dr Abdul Hamied
Dist Hospital, Shivpuri—Dr S M Mishra
Civil Hospital Jhabua—Dr Jagadish Prasad
Main Hospital, Khargone—Dr Lajapat Rai
Shajapur Hospital, Shajapur—Dr D S Salpekar
Civil Hospital, Bhilsa—Dr N M Sawant
Civil Hospital Morena—Dr S I Gupta
Civil Hospital, Jaora—Dr S L Shah
Civil Hospital, Alirajpur—Dr V M Ranade
Civil Hospital, Narsinggarh—Dr C S Apte

PICTURE HOUSES

Agra—Anand, Alot—Shrikant and Vikrami, Anjad—Virendra and Aniruddha Alirajpur—Ranchhod and Surana, Berchha—Mohan Bhilsa—Laxmi, Bhind—Padma and Chitra, Barhnagar—Jai Hind, Barwaha—Prabhat Barwani—Laxmi and Mahendra, Badnawar—Prakash, Banswara—Balkrishna, Biaora—Kamal, Bhikangaon—Mohan, Bistan—Amin, Basoda—Jai Hind, Chanderi—Ashoka, Dewas—Novelty and Nagar Niwas, Dhar—Mohan, Guna—Jai Bharat and Darbar, Gwalior—Chhaya, Chitra, Gwalior, Light House Regal, Yadav and Ashoka, Indore—Alka, Krishna, Maharaja, Arun, Navin Chitra, Prakash Raj, Regal, Saroj, Jyoti and Yeshwant, Jaora—Kamal, Jawad—Kamal, Jhabua—Vinod Khachraud—Ashoka and Gopal, Khargone—Krishna and Rameshwar, Khetia—Devi Singh, Kukshi—Surya, Mahidpur - Jai Hind and Prakash, Malhargarh—Kamal, Mandsaur—Krishna, Sharda and Ashoka, Manasa—Jai Hind and Prakash, Manawar—Durga, Mhow—Dreamland, Mohun, Narayan, Rose and Orpheum, Morar—New Garrison, Morena—Morena and Jai Hind, Neemuch—Vijay and Khurshid, Pachhar—Vijay and Surana, Rajgarh—Vijay, Rajgarh Sardarpur—Jai Hind Rajpur—Dashrath and Prakash, Ratlam—Lokendra, Laxmi, Mohan, Narayan and Regal, Shajapur—Vikram and New Radha, Shahpur (Nimar)—Jai Hind and Arun Chitra, Shamgarh—Surya Prakash, Sheopur—Jiwan Sheopur Kalan—Krishna and Jiwan, Rampura—Krishna, Sailana—Sailana, Sonkatch—Rajkamal, Shivpuri—Mahavir and Shivpuri, Shujalpur—Kamal, Sarangpur—Krishna, Tarana—Omprakash, Ujjain—Mohan, Narendra, Kamal, Prakash and Regal

ADMINISTRATIVE PERSONNEL

RAJPRAMUKH

Lt Gen H H Maharaj Sir Jiwajirao Madhav rao Scindia, Alijah Bahadur, G C S I, G C I E, Maharaja of Gwalior

Secretary to Rajpramukh, Col Eknathrao Patil, B Sc

A D Cs to Rajpramukh, Capt K R Pondc Capt Mukat Singh

UP-RAJPRAMUKH (Senior)

Maj Gen H H Maharaja Sir Yashwantrao Holkar G C I E, L L D Maharaj of Indore

COUNCIL OF MINISTERS

Chief Minister in charge of General Administration, including Planning but excluding Information and Appointment Mishri Lal Gangwal

Revenue, Food and Civil Supplies Local Self Government Urban excluding Public Health, Engineering and Government Roadways, Shyam Lal Pandviya

Medical and Public Health, Tribal Welfare Scheduled Castes and Forests, Dr Prem Singh

Home and Public Works excluding Chambal Hydel Works, Manohar Singh Mehta

Development excluding Tribal Welfare and Forests Labour Hydel Works and Public Health Engineering including Town Improvement and Housing V V Dravid

Law and Justice Commerce and Industries and Information, Sitaram S Jajoo

Finance and Separate Revenue Soubhagya Mal Jain

Education and Relief and Rehabilitation Narsingh Rao Dixit

DEPUTY MINISTERS

Food and Home Radha Vallabh Vijavavargiya
Development Sawai Singh Sisodia
Harijan and Tribes, Sajjan Singh Vishnar
Parliamentary Secretary (Petitions) Shiva Bhanu Singh Solanki

SECRETARIAT

Chief Secretary K Radhakrishnan I C S
Home Secretary S N Bamroo I A S
Revenue Secretary, G R Garde L L B
Finance Secretary B K Chatterji, M A, M Sc (Offg)
Law Secretary M I Mittal
Public Works Secretary V Bhargava, I A S
Education Secretary, Dr Bool Chand I A S
Development Secretary, L O Joshi J L B
Industries and Commerce Secretary, J K Kaul, A A S
It Secy (Gen Adm) K V Kalewar L L B
Addl Secy (Revenue) C G Matkar I A S
Dy Secy (Home), K M Ranade L L B
Dy Secy (Labour), S S Joshi, L L B
Dy Secy (Comm Industries and Food Civil Supplies), J M Kochar, B Com B L
Dy Secy (Education) P C Gupta L L B
Dy Secy (Finance), Sitala Sahai, B Com (Offg)
Dy Secy (Law), Y Bharadwaj, L L B
Dy Secy (Gen Adm), G E Cornelius, L L B

Heads of Departments

Accountant General V N Singh I A S
Customs Commissioner K M Bapna I I B
Chief Conservator of Forests, G S Sondhi B Sc (Offg)
Chief Engineer (P W D & Irrigation) P V Divetia, B E
Chief Inspector of Factories V N Sherlekar, L M R A M
Labour Commissioner, A S Banawalikar B A, A T A
Director of Agriculture M G Karnikar M A
Director of Veterinary Services Dr H K Mehra, M R C V S
Director of Education S N Chaturvedi, M A, T Dip L T
Director of Industries C N Swami B A
Director of Public Health Dr S I Gargya, I R C P, M R C S
Director of Land Records K M Phalke
Director of Information A M Shastri, M A, M O L
Census Commissioner, Rang Lal B A
Transport Commissioner K K Deshmukh, I L B
Jagir Commissioner, C G Matkar I A S
Chief Engineer (Electrical) B S Sibbal M I E E
Supdt, Govt Printing G C Natarajan
Chief Inspector, Offices and Records, G V Raghavan
Senior Member Board of Revenue, Brijraj Naram, I A S
Commissioner, Northern Division, P S Pawar, I A S
Commissioner, Southern Division, K R Gawade
Inspector General of Police Badan Singh I P
Inspector General of Prisons Darshan Singh, L L B
Inspector General of Municipalities, Masood Quli Khan

High Court

Chief Justice Mr Justice G K Shinde, Bar at Law
Puisne Judge Mr Justice P V Dixit, Bar at-Law
Puisne Judge Mr Justice A H Khan, Bar at-Law
Puisne Judge Mr Justice B K Chaturvedi, Bar at Law
Puisne Judge Mr Justice V R Newaskar, L L B
Puisne Judge Mr Justice S M Samvatsar, L L B
Registrar M K Kaul, L L B
Advocate General K A Chitale L L B

Public Service Commission

Chairman D V Rege I C S (Retd)
Member S S Gaur L L B
Member N Padmanabhan M A
Secretary C M Mulik, L L B

ASSOCIATIONS AND CHURCHES

THE ASSOCIATION OF ELECTRICAL UNDERTAKINGS

Madhya Bharat Rajasthan and Ajmer, Mandsaur (Madhya Bharat)

Founded in 1950 this Association is a member of the Federation of Electricity Undertakings of India, Bombay

Objects To promote, advance and develop generation and supply of Electrical energy To promote and originate improvements in the law of governing Electric Supply Industries, To give facilities to the Government of India and State Governments of M B Rajasthan and Ajmer for conferring with and ascertaining the views of members of the Association To encourage inventions affecting the Industries To promote efficiency and just and honourable dealing to supress malpractices in the Industry, To promote study of engineering subjects

CHRIST CHURCH

Mhow (Madhya Bharat)

Nature of Body Religious
Priest in charge, Rev R Jacob
Hony Secretary Capt D H J Gear

CHURCH OF ENGLAND

Neemuch (Madhya Bharat)

Nature of Body Religious
Visiting Chaplain, Revd C E Bolsin
Secretary & Treasurer, P G White

DIOCESE OF INDORE

Bishop's House Catholic Church, Indore (Madhya Bharat)

Nature of Body Religious
Bishop of Indore, Rt Rev Dr Francis M Simons, S V D
Delegate Very Rev Father J Lemenbach, S V D
Superior Regular, Very Rev Father R Schoepe, S V D

KASTURBA GANDHI NATIONAL MEMORIAL TRUST

Address – P O Kasturbagram Dist Indore (Madhya Bharat)

Aims and Objects —Welfare of women and children in rural areas of India The Trust trains women workers for educational vocational and health programmes and after training deputes them to rural areas

The Trust Fund amounts to Rs 1,08,00 000 which has been invested in Government Securities The sources of income are -Corpus of the original Trust Fund, Interest on Government Securities, Subscriptions collected in States towards part of the expenses of the village centres

The Trust at present runs about 250 centres in pre basic, basic, adult education and craft centres, maternity homes, leprosy relief centres, etc

Besides running 15 training schools, the Central Training Institute is located at Kasturba gram five miles from Indore, where the Madhya Bharat Government has made available to the Trust about 500 acres of land

Chairman G V Mavalankar
Vice President Lady Premlila Thackersey
Secretary Sushecla Pai

MADHYA BHARAT CHAMBER OF COMMERCE AND INDUSTRY

"Chamber Bhavan, Lashkar (Gwalior)

Advisory Body for the promotion of trade and industry

President, D P Mandelia
Vice President, G D Vaishya
Hony Secretary, P M Harkhavat, B Com

MADHYA BHARAT MILLOWNERS' ASSOCIATION

9, South Tukoganj, Indore

Secretary G B Zalani

ST PETER'S CHURCH

Morar Gwalior

Honorary Secretary, B A Cornelius
Honorary Treasurer, A Marshall

UNITED CHURCH OF CANADA MISSION

Ratlam

Nature of Body Missionary
General Secretary Rev R M Clark
Associate Secretary Miss A B Munns
Treasurer, Miss M E Martin

POPULATION

Populations of Districts are given below

Bhind 527 978 Gird 530 299 Morena 633 581 Shivpuri 476 092 Goona 478 810, Rajgarh 427 523 Shajapur 433 216 Ujjain 544 260 Ratlam 383 894, Mandsaur 630 915, Bhilsa 293 023 Indore 596 622 Dewas 345 306, Dhar 505 268 Jhabua 382,673

*

TRADES & PROFESSIONS

All Hussain, Stationery and Paper Mart, Ranipura Road, Indore

Aspi & Company, Manufacturers Representatives, 64, Maharam Road Indore Wholesale Dealers in Toiletries, Soaps, Cutlery and General Merchants

BANK OF INDORE LIMITED, Head Office Prince Yeshwant Road, Indore City Branch Offices at Cloth Market, Siyaganj and Sanyogitaganj, Indore City Other Branches at 44, Hamam Street, and Jai Hind, Bhuleshwar, Bombay, Anjar, Khargone, Sanawad, Mhow, Ujjain, Ratlam and Tarana, Pay Offices at Jaora and Sendhwa

Bharat Radio and Auto Electric Co, The Radio and Automobile Engineers, 55, Snehalata Gunj, Indore City (M B)

Dayashankar, R (Estd 1880) Wholesale and Import Druggist, Indore City Grams Ardikemist

Gangadhar Waman & Co News and Commission Agents Prince Yeshwant Road, Indore City

General Stores Topkhana Main Road, Indore City Civil Police and Military Uniforms Contractors

International Produce Exchange Exporters Importers and General Agents, 84 Topkhana Main Road Indore City

Jain Brother Maharam Road Siyaganj Indore (M B)

J B MANCHARAM & CO, Gwalior (M B)

Keshrimal Bherulal, General Merchants, Jaora Malwa

Khandekar G W Stationer Bookbinder Printer and Rubber Stamp Maker, 72 Juna Topkhana Road, Indore City

KRISHNA CYCLE COMPANY, 14, Maharani Road, Indore City, Importers & Manufacturers' Representatives in Cycles, Parts, Petromax and Parts

Madhyan Vargeeya Vyapark Limited 26 Gandhi Road Indore City Dealers in Radios and Fancy Silken and Woollen Cloth

Malwa Traders, Maharani Road Indore

Naik, K G R C C Specialist Designer Builder, Contractor 33 Juna Kaserabakhal Indore City

Paspatnath G, General Merchant and Commission Agent 62, Siyaganj Indore

Patel Shah & Co Hardware Merchants, Maharam Road Indore City

Pioneer Dairy Farm Oil and Flour Mills Manufacturers of Table Butter and Ghee Manorama Ganj, Indore

Poorker Brothers Typewriter Dealers and Repairers and General Merchants 68, Topkhana Main Road Indore

Rajputana Motors Ford Car and Truck Distributors for Madhya Bharat Bhopal Kotah Bundi, Jhalawar and Udaipur

THE HUKAMCHAND MILLS, LTD.

INDORE

Managing Agents Sir Hukamchand & Mannalal Co
Office Mill Premises Telegrams Textiles
Telephone No Indore 6095

(Chaddars dhoties drills striped and plain jeans, cambrics, lawns shirtings, longcloths Khadi blankets, checks cashmeres coatings, sushis, sarees, twills tent cloth etc), 45904 spindles (468 Mule 43,920 Ring, 1 136 doubling 380 waste), counts 1s 3s 4s, 6s 13s, 14s 18s 24s 30s 36s 1 443 looms cloth width 27-72 inches also bleaching dyeing calico printing and calendering and yarn dyers

Managing Directors Danvir Seth Mannalalji Onkarmalji and Shri R C Jall, M A, LL B *Manager* Shri K A Desai *Chief Engineer* Shri I B Pathak *Spg Master* Shri R N Kotwal *Wg Master* Shri M C Jherwar *Dyeing & Bleaching Master* Shri K G Patkey

THE BANK OF INDORE LIMITED

(Incorporated in Indore 1920)

Authorised Capital	**Rs 50,00,000**
Subscribed Capital	**Rs. 30,60,750**
Paid-up Capital	**Rs 15,30,375**
Reserve Fund	**Rs. 24,00,000**

Safe deposit lockers are available at Head Office, Siyaganj Cloth Market, Indore Branch Offices, Mhow, Ratlam, Tarana and Ujjain on favourable terms

Head Office	**PRINCE YESHWANT ROAD, INDORE.**
Bombay Offices	**FORT & BHULESHWAR.**
Branch Offices	**CLOTH MARKET, SIYAGANJ and SANYOGITAGANJ (INDORE CITY).**
Branches	**ANJAR, KHARGONE, MHOW, RATLAM, SANAWAD, TARANA and UJJAIN.**
Pay-Offices	**JAORA and SENDHWA**

N. D. JOSHI,
Manager.

★

BANKING BUSINESS OF EVERY DESCRIPTION TRANSACTED

Ramaji Kishanlal

Rising Sun Watch Co The [illegible] Mahatma Gandhi Road Indore City

SANGHI BROTHERS (INDORE) LTD, Indore Austins and Bedfords Distributors for Madhya Bharat and Bhopal Agents, Air Services of India Ltd, Agents for Godrej Steel Goods, Madhya Bharat

STATIONERY AND PAPER MART, THE, 4 11, Ranipura Main Road, Indore City (India) Wholesale Stationers, Specialists in Art, Drawing and Survey Instruments and Equipments and General Suppliers Phone 6186

[illegible] MANGAL [illegible]

SURAJMAL MUNNALAL

S V O C Agents and Registered Stockholder of [illegible] DHAR (Madhya Bharat)

Branches BARNAGAR (W Rly), BADNAWAR (M B)

Stockists for — Petrol Kerosene Light Diesel Oil [illegible] Mill Gin Stores etc etc

SWADESHI COTTON AND FLOUR MILLS LTD, Shilnath Camp, Indore (Madhya Bharat), Managing Agents Jagannath Narayan & Co Tel Address "SWADESHI" Tel No Indore 486 24988 Ring Spindles, 558 Looms Manufacturers of Grey Sheeting, Long Cloth, Coatings, Kashmiras, Twills, Drills, Dosuti and all types of Dyed, Bleached and Printed Piece-goods Largest Exporters of Piece goods in Madhya Bharat

Surajmal Munnalal, Dhar, Madhya Bharat

The College Stores, Mahatma Gandhi Road, Indore

The Jaora High Class Confectionery Works, Jaora

[illegible] Road Indore

[illegible]writing and Shorthand Institute, Typewriter Dealers, Booksellers and General Merchants, Topkhana Main Road, Indore

Tyyebi Dawakhana Unani (Indore) Ltd, Unani Laboratory for Indian Pharmaceutical and Chemical Products, 19, Bohra Bazar, Indore

Varma Metal Turning Work [illegible] Cotakund Indore (M B)

Vasanji Torkhia, A & Co, Manufacturers Representatives, Exporters of Tamarind, Oil Cakes, etc, 35, Sutargali, Indore City (M B)

Venus Medical Stores, Dealers in Patent Medicines, 72, Maharani Road, Indore City

Wazir Mohamed Noormohamed, Cloth Merchant Cloth Merchant Indore City

THE BINOD MILLS COMPANY LIMITED

(Including THE DEEPCHAND MILLS)

Established in 1914 under the Patronage of H H Maharaja Scindia

Paid-up Capital Rs. 60,00,000 • Divided into Shares of Rs. 100 each.

Cotton Spinners, Weavers and Manufacturers of Absorbent Cotton Wool and Lint, Art Silk Fabrics Textile Auxiliaries, Oils, Washing and Toilet Soaps and small Oil Engines, Dyeing and Bleaching Machinery, Cast Iron Pipes and Specials Machinery Spare Parts etc etc

UJJAIN - MADHYA BHARAT

Telegrams "BINOD" Phone No 11 Codes used A B C 5th and 6th Editions and Bentleys



Rai Bahadur Seth Lalchand B Sethi Chairman and Managing Director

Total No of Spindles at work—Binod 35,968 Deepchand 21,344 Total No of Looms at work—Binod 860 Silk Looms 60 Deepchand 480 Total No of hands employed 5 000

Type of goods produced
All kinds of Dyed, Bleached, Printed, Grey Cloth, Absorbent Cotton Wool and Lint, Satins, Voiles and Georgettes, Etc, Etc, Etc

Secretaries, Treasurers and Agents
Seth Binodiram Balchand

Auditors
Messrs S B Bilimoria & Co, *Registered Accountants*

Other Concerns Binod Art Silk Mills, Bhupendra Iron and Metal Works, Naresh Ginning and Pressing Factory, Naresh Oil Mills, Narendra Chemical Works, Binod Ginning Factory, Kailash Soap Works Pradeep Tape and Webbing Factory Rajendra Pressing Factory, Agar

Other Directors 1 Sir Seth Hukamchand Sarupchand, Kt, 2 Vanijya Bhushan Seth Nemichand B Sethi, 3 Seth Bhanwarlal D Sethi, 4 Danvir Seth Mannalal Omkarmal 5 Seth Jawerilal Ramlal Gangwal, 6 Mr R C Jall M A, LL B, 7 Mr Kailashchand B Sethi, 8 Seth Chandmal Srikishna

MYSORE*

Area 33,189 square miles (after merger of Bellary)

Population before the merger of Bellary 9,074,972 (Males 4,657,409, Females 4 417,563)

Population after the merger About one crore

Capital Bangalore

Names of Districts with names of District Headquarters Bangalore Mysore, Mandya, Hassan Chikmagalur**, Shimoga, Chitaldrug, Tumkur, Kolar and Bellary The above are also names of District Headquarters

Number of talukas 82

Number of District Boards 10

Number of municipalities Town and Minor 105, City 4

Number of panchayats 12,610

Number of villages 16,517

Names of towns with a population of over 50,000 Bangalore, Mysore, Kolar Gold Fields Davangere, Bellary

Strength of the State Legislative Council 40 Strength of the State Legislative Assembly 100 (Elected 99 nominated Anglo Indian 1) (The Delimitation Committee has proposed 117)

Number of members returned to the House of the People 11 (The Delimitation Committee has proposed 13)

Number of members returned to the Council of States 6 Total income of the population About Rs 225 crores

LARGE-SCALE INDUSTRIES

Main large scale industries in the State with location Textiles (Bangalore Davangere, Mysore) Engineering (Bangalore Harihar), Mineral and Metal (Bangalore Bhadravati, Kolar Shimoga), Food drink and tobacco (Bangalore) Chemicals dyes etc (Bangalore, Mysore) Paper and printing (Bhadravati Nanjangud and Bangalore) Process relating to wood, stone and glass (all over the State), Process connected with hides and skins (Bangalore) Gins and presses (Davangere and surrounding areas)

Industries owned by Government The Central Industrial Workshop Bangalore The Mysore Iron and Steel Works Bhadravati The Government Soap Works Bangalore The Mysore Silk Weaving Factory, Mysore The Government Porcelain Factory, Bangalore The Mysore Implements Factory, Hassan The Government Dichromite Factory Belagola near Mysore The Government Electric Factory, Bangalore and The Silk Filature Factory, Kanakapura

Other major industries The Hindustan Aircraft Ltd, Bangalore The Indian Telephone Industries, Bangalore, The Radio & Electrical Manufacturing Co, Bangalore The Mysore Lamp Works, Bangalore, The Mysore Match Company, Shimoga The Mysore Paper Mills Bhadravati The Mysore Sugar Company, Mandya and The Mysore Industrial & Testing Laboratory Ltd, Bangalore

Total number of registered factories 579

Number of factories in individual industries Textiles (115), Engineering (86) Minerals and Metals (38), Food drink and tobacco (140), Chemicals, dyes (50), Paper and printing (23), Process relating to wood, stone and glass (63), Process connected with hides and skins (30), Gins and presses (22), Miscellaneous (13)

Total number of workmen employed in the State 106,231

Number of workers employed in individual industries Textiles (28,064) Engineering (23,632), Minerals and Metals (20,852), Food, drink and tobacco (12,213), Chemicals, dyes (2,509), Paper and printing (2,430), Process relating to wood, stone and glass (3 610), Process connected with hides and skins (1,753) Gins and presses (981), Miscellaneous (1 187)

(About 60 per cent of the industries in the State is controlled by the Government)

COTTAGE INDUSTRIES

Main cottage industries Leather stitching and ornamental work, flaying brass works, tannery and smithy, pottery, mat weaving lacquerware carpentry basket making tile making hand made paper coir industry, rattan industry, sandal wood and ivory inlay works toy making druggets, palm gur from Nira, agarbatti, glazing etc

Number of cottage industries under the Department of Industries 53

Budget allotment for the development of cottage industry for 1953 54 Rs 4,00,000

The raw silk industry is carried on on a cottage industry scale about 55 000 families are directly engaged in this industry total production 160,000 lbs, income to the Government Rs 6 crores

Value of total production of cottage industries Rs 61 858 12 5

Value of production of individual industry Tannery (Rs 3 220) Leather Stitching (Rs 440 9), Smithy (Rs 32 216 15 7) Pottery (Rs 4 489 4) Rattan (Rs 1 833 9 9) Mat Weaving (Rs 1 402 9) Coir Centre (Rs 3 800 15) Hand Made Paper (Rs 1 503 2), Lacquerware (Rs 368 9 10), Vokgari (Rs 490) Carpentry (Rs 3 659 3 11) Tailoring (Rs 1 864 9 7) Brass Works (Rs 1 785), Palm Gur (Rs 847 14) Oil Gana (Rs 3 133 2 11) Glass Bangles (Rs 802 4 10)

Total number of workers in cottage industries About 25 000 (excluding the silk industry)

Budget grant for the year 1953 54 Rs 4 00 000

Chief minerals location/quantity (annual average) Gold (Kolar 170 000 ounces Bellari 1 700 ounces), Iron Ore (Bhadravati) Asbestos (Chikmagalur and Bangalore districts 30 tons), Chromite (Mysore Mandya and Shimoga districts, 9 893 tons), Manganese (Shimoga Chital drug and Tumkur districts 1 558 tons) Mica (Mandya Hassan Mysore and Shimoga districts 26 8 tons) Kayolin (Bangalore Chikmagalur districts 10 890 tons), Other minerals (Corundum feldspar kyanite, magnesite copper, lead antimony lime stones, soap stones and ornamental stones found in various parts of the State)

Total number of men employed About 35 000

Number of men employed in each mineral industry Gold (25 900) Other minerals (10,000)

Total value of mineral production in 1951 Rs 6 97 29 082

AGRICULTURE

Main food crops Paddy Ragi Jawar

Main cash and other crops Sugarcane, fruits coffee areca spices, cocoanuts, oilseeds, cotton, tobacco, mulberry, potato and tea

Total production of food crops 950,000 tons (under normal conditions)

Total production of individual food crops Paddy (500,000 tons), Ragi and Jowar (450,000 tons)

Production of cash and other crops Sugarcane (1,416,000 tons), Coffee (13,000 tons), Areca (14,000 tons) Cocoanuts (35,1,59,600 nuts), Groundnut (132,000 tons), Cotton (20 200 bales), Tobacco (6,800 tons) Tea (1 253 tons)

Area of the State in acres 18 868,480 acres

Area cultivated 6,655 732 acres

Area of uncultivable land 5 210,259 acres

Area under dry cultivation 5 500,000 acres

Area under wet cultivation 1,100 000 acres

Area under food crops 5,200,000 acres

Area under other crops 1,150,000 acres

Area under individual main food crops Paddy (795 000 acres), Ragi (2,200 000 acres) Jawar (580,000 acres)

Area under individual cash and other crops Sugarcane (48 000 acres) Coffee (10 000 acres), Areca (39 000 acres) Cocoanuts (176 000 acres), Groundnut (227,000 acres) Cotton (83,000 acres), Tobacco (22 000 acres), Potato (11,000 acres) Potato (sweet) (6 500 acres) Mulberry (105,000 acres) Condiments and Spices (100 000 acres), Tea (4,677 acres), Fruits (70,000 acres), Oilseeds excluding Groundnut (260,000 acres)

Area possibly available for further cultivation (through reclamation measures) 2,034 578 acres

Plantations in the State Coffee tea, cocoanut, areca

Total area under plantation 350 000 acres

Number of Workers 60 000

Fruit gardens Orange Mango Banana

Total area under fruits 70 000 acres

Kinds of fruits Orange mango, banana, pomegranate, apples pappai, etc

Kinds of vegetables Beans brinjals carrots, cabbage tomato, lady's fingers, cucumbers, etc

Variety of fish Inland fish

Quantity of each variety annually in basket Catfish (12 000) Murrels (12 000) Carps (9 000), Others (9 600)

Value Rs 10 00 000

Strength of fishing population 400 000

Total forest area in the State 4 448 sq miles

Location of forests Shimoga Chikmagalur, Hassan Mysore Bangalore districts

Total revenue from forests for the year and total expenditure Estimated revenue for 1953 54 Rs 75 21 lakhs Estimated expenditure for 1953 54 Rs 38 21 lakhs

Main forest produce Teak (900 000 cft) Sandal wood (2 000 tons), Green wood & Char coal (1 50,000 tons), Lac (500 tons)

Afforestation if any undertaken during the year 1952 53 4 000 acres

Number of cattle 57 8 lakhs

Number of horses 2 5 418

Number of sheep 42 9 lakhs, Goats 28 5 lakhs

Other livestock Mules (313), Camels (162), Pigs (88 877)

Number of fowl 35 1 lakhs

TRANSPORT

Total mileage of roads 10,976 miles

Mileage of metal roads 4 952 miles

Mileage of unmetalled roads 5 377 miles

Concrete and asphalted roads 467 miles

Mileage of roads maintained by P W D 2,315 miles (including 330 miles of national highways)

Mileage of roads maintained by district boards 4 589

* Unless otherwise stated the figures given refer to those before the merger of Bellary into Mysore State For some particulars about Mysore after the merger of Bellary see end of article

** Also called Kadur

Total mileage of railways in the State 760

Number of aerodromes Four

Number of passenger service buses 1 860

Number of goods carrying trucks and lorries 3 100

Number of taxis 200 (Autorickshaws 120 excluded)

Number of private cars 7 700 (Motorcycles 2 500)

Number of post offices 850, Telegraph offices 12

Number of telephone exchanges Four

Number of broadcasting stations One (in Mysore)

Transport has been nationalised in the State under the name of Mysore Government Road Transport Department It is a Government department

Capital invested Rs 28 58,692

Total mileage covered 11,200 per day

Names of routes covered by nationalised passenger services Bangalore Mysore, Mysore Gundlupet Mysore Nanjungud Bangalore Bilur, Bangalore Tumkur, Bangalore Doddaballapur etc

Six routes have been monopolised

Number of passenger vehicles 179 (In actual operation 95)

Total number of passengers carried in a year by authority Daily average 10,742

Total expenses of authority Rs 40,80,000 (in 1952 53)

Total income Rs 36 30 000 (in 1952 53)

Profit/Loss Rs 4 50,000 (Loss)

Number of main and sub workshops for repair and overhaul One

TRADE

Statement showing the total Imports and Exports of merchandise by Rail and Road arranged under four main groups during the year ending 31st March 1952 (1951 52)

Main Groups	Imports		Exports	
	Quantity in Railway maunds	Value in Rupees	Quantity in Railway maunds	Value in Rupees
Food Drink and Tobacco	7 160 726	19 34 47 488	2 572 300	6 94 92 292
Raw materials	9 977 226	26 95 40,996	2 003 116	5 41 15 130
Articles wholly or mainly manufactured	5 942 700	16 05 45 742	2 287 556	6 17 99 70
Miscellaneous	74 691	20 17 824	37 707	10 18 678
Total	23 155,343	62 60 52 050	6 900 679	18 61 26,110

Note —The figures furnished above are provisional and tentative

POWER PROJECTS

Total capacity of power plants installed in the State 22 400 kva

Total effective capacity 179 200 kW

Production during the year 1952 53 700 mkWH

Number of units generated 550 327 300

Number of units sold by the Government to industries, domestic establishments, etc 418,359 155

Names of power stations now in operation with their capacity within brackets Mahatma Gandhi Hydro Electric Station (Jog Falls—Shimoga Dist) (12 000 kW) Shimsha Station (Shimshapura Mandya Dist) (17 200 kW), Shivasamudram Station (12 000 kW)

Power projects under execution—their location, etc

1 Bhadra project Chikmagalur Dist capacity 14 000 kW cost Rs 20 crores The project was started in 1948 and is to be completed in 1963 When completed it will be one of the biggest multi purpose projects in the country The Union Government and the Mysore Government have both financed the scheme, but execution of the project may be delayed as it is not included in the Five Year Plan

2 Honnemaradu project Shimoga Dist, capacity 340 000 kW cost Rs 10 crores The initial survey has been completed The State Government will finance the project and no Central aid is expected The scheme is not included in the Five Year Plan

Estimated rise in output 432,600 kW

Power projects planned but not executed Mekedatu project Mysore Dist capacity 22,000 kW cost Rs 8 crores The scheme has been worked out and is to be taken up immediately the State Government can finance it

IRRIGATION

Total area irrigated 963 261 acres (By masonry wells 70 000 acres by tanks 679 014 acres by Government Irrigation works 214 247 acres)

Location of larger irrigation works, their capacity etc

1 Vanivilas Reservoir across the Vedavati river in Chitaldrug Dist Its capacity is 30 000 mcft The dam is 142 feet high and 1 330 feet long The area of waterspread of the reservoir is about 31 square miles The specialty of this work is the use of surki mortar in place of cement The dam is perfectly water tight and is a work of beauty and skill

2 Krishnarajasagar across the river Cauvery in Mysore District Length of the dam 8 600 feet height 130 feet above the river bed Depth of storage 124 feet, capacity 44,000 mcft The dam is built of stone masonry and surki mortar One of the biggest irrigation works in India, the scheme is intended to irrigate 125 000 acres of land of which about 90 000 acres have already been developed

3 Anjanapur Reservoir across the river Kumudvathi in Shimoga Dist Height 70 feet length 4,200 feet, capacity 600 mcft Twelve thousand acres of land are fed by the reservoir which has possibilities of further extension

4 Marconahalli Reservoir, across the river Shimsha in Tumkur Dist The dam is 65 feet high The speciality of the dam is the introduction of volute siphons (invented by Mr V Ganesha Iyer, Retired Superintending Engineer, Mysore) in the body of the masonry dam for the disposal of floods The extent of irrigation developed so far is 10,000 acres and there is scope for further extension by utilising the seepage water The capacity of the reservoir is 2,300 mcft

5 Kanva Reservoir, in Bangalore district Length 4 700 feet, height 60 feet capacity 1 000 million cft Designed to irrigate 5,000 acres of which 3,000 acres have been so far developed Five hood siphons each of dimensions 17 feet long and eight feet deep as designed by Mr V Ganesha Iyer have been installed for the disposal of flood waters

6 Hirebhasgar Reservoir, across the river Sharavati in Shimoga Dist Storage capacity 25 000 mcft, length 1,150 feet maximum height 100 feet Water stored in this reservoir is to be utilised only for power generation at the Mahatma Gandhi Hydro Electric Works at Jog Falls

Irrigation projects in execution, their location, etc

1 Tunga Anicut Project across Tunga River in Shimoga Dist Started in 1947, to be completed in 1956 Expected to irrigate 27 000 acres Cost Rs 2 crores Financed by the State Government

2 Nugu Reservoir in Mysore District Acreage expected to be irrigated 20 000 Started in 1948 to be completed in 1956 Capacity 3 500 mcft Cost Rs 2 2 crores borne by the State Government

Estimated rise in output of food after completion 1½ lakh tons

Irrigation projects planned but not executed Kabbini reservoir (Mysore District), Dandavati reservoir (Shimoga Dist) Extension of the Vishveswarya Canal (Mysore Dist) Hemavati reservoir (Hassan Dist) Jambudahalli reservoir (Chikmagalur Dist) Pennar Kumudvati reservoir (Kolar District)

(The above constitutes a skeleton plan of irrigation developments for the ten year period after the completion of the five year plan)

Estimated rise when completed About one lakh tons of food

LAND RECLAMATION

Area of land reclaimed by the State tractor organisation 35 000 acres

Ratio of reclaimed land to land reclaimable 1 60

Area developed 19 796 acres

Number of tractors available 121 (Also 25 bulldozers)

Number of families settled 1 960 families, comprising 8 436 persons (in 1952)

Basis of settlement Individual farming

Financial and other help given to colonisers A total sum of Rs 2 56 077 was disbursed during 1952 by way of rehabilitation loans, trade, business and industry loans

Number of lift irrigation wells 4,460 by power

Number of diesel oil engine wells 660

Area rendered free of malaria, etc through use of D D T One third of the State

Area of State farms 13 farms nearly 2,000 acres

CIVIL SUPPLIES

Rationing has been abolished all over the State

Monthly requirements of State according to quota About 115,000 tons of food grains were received by the State Government during 1952

State s requirements per year 1 150,000 tons (Wheat 1 lakh tons, millets 5 lakh tons, rice 5 lakh tons Kerosene 50 lakhs gallons, cloth 5 000 bales, yarn 24 000 bales)

Articles in which the State is deficit Rice (20 000 tons), Wheat (40,000 tons), Millets 120,000 tons)

Procurement in 1952 Paddy (1,783,262 pallas) Wheat (14 pallas) Ragi (310,184 pallas), Jola (jowar) (24,549 pallas), Other grains (18,167 pallas)

CO-OPERATION

Number of Co-operative Societies 5,186

Total membership 5 5 lakhs

Working capital Rs 7 crores

Paid up capital Rs 1 5 crores

Types of co-operative societies etc and their number as on 31st December 1952 Central co operative banks 5, Central co operative societies 9, Village co operative societies 3,454, Urban co operative societies 281, Land Mortgage co operative societies 80 Agricultural Products Marketing co operative societies 84, Housing co operative societies 101, Milk co operative societies 29, Weavers co operative societies 101, Women's co operative societies 40 Employees and Labourers co operative societies 196, Other co operative societies 806

Number of central and district co operative banks 5

Provincial Co operative Bank The Mysore Provincial Co-operative Apex Bank Ltd, Bangalore

Budget allotment for the year 1953 54 Rs 1,55,100

STATE HELP FOR AGRICULTURE

Manures distributed under State auspices and their quantity 50,388 tons (from 1949 to 1952) including compost, oil cakes and fertilizers

Quantity of improved seeds distributed 7,685 tons

Agricultural implements distributed or loaned Tractors 22, Irrigation pumps 311

Monetary or other help given to cultivators

During 1951-52, 812 wells benefiting an area of 1,624 acres were sunk Eighteen major irrigation works at a total cost of Rs 1 03 crores were pushed through, 134 tanks were restored 55 tanks desilted, two lift irrigation schemes in river valleys were undertaken, 1,760 tons of paddy, 1,802 tons of ammonium sulphate 959 tons of superphosphate and 3 416 tons of ground nut cake were distributed, 3 7 lakh tons of com post were prepared in urban and rural areas, over Rs 21 lakhs worth of implements were supplied to cultivators, 10,000 acres tractor ploughed and 1,000 acres bulldozed 80 000 acres were protected against pest and diseases

Amount spent for land improvement and loan during 1952 53 Rs 253,650, Subsidy grant and loan Rs 988,000

Taqavi loan and land improvement loans were given to 9,687 families excluding 101 Harijan families

Fallow land distributed among cultivators 239,774 acres

Taqavi and other loans Rs 12,23,596

Number of agricultural experimental farms About 20

Plant protection organisation and its operation The Entomological Section of the Agricultural Department is in charge of the control and eradication of plant pests Kerosene film treatment against ground beetles, application of the powder of the stem and root bark of the fish poison plant mandulea suberosa to prevent damage from pulse beetles, trash heap traps and earthing up for sugarcane borers are a few of the novel methods of pest control evolved by this Section The Mycology Section is one of the few departments in India which have a spraying organisation to combat disease as large and as well knit as the Mysore Agricultural Department has The discovery of the organism causing Koleroga of coffee and the working out of its complete life history the study of Anaberoga of areca and cocoanut, the study of coffee diseases and the technique of spraying and the discovery of intracellular bodies in the sandal spike diseases are some of the notable contributions by the Department in regard to plant protection

Targets set for food or cash crops under the Five-Year Plan Food Two lakh tons (more) Cotton 120 000 acres (more) under cotton

Rise in production Estimated additional production of food grains owing to intensive food-production drive 1949 50 43,448 tons, 1950 51 69,828 tons

Highest yield per acre of different crops (1952 53 Monsoon Season) Paddy (4106 25 lb) Ragi (2093 75 lb), Jowar (1300 00 lb), Bajra (1906 25 lb) Castor (1285 00 lb), Cotton (863 75 lb)

Budget grant, for work outlined above (1953 54)

Establishment of Agricultural College, Hebbal (Rs 2 59 800), Investigation on the biological control of sugarcane pests (Rs 53 400) Starting additional Kannada agricultural schools (Rs 56,400) Propaganda and demonstration (Rs 71,000), Starting more experimental farms in the State (Rs 42 900) More demonstration farms in Taluk headquarters (Rs 7 600) Department cultivation of lands at Malvalli, etc (Rs 14 300), Reorganisation of department (Rs 85 100), Tractor and lorry service in State (Rs 12 30 200), Multiplication and distribution of improved varieties of seeds (Rs 10 60,200) Manufacture and distribution of rural compost (Rs 6,50 200) Protective measures against pests and diseases (Rs 82 300) Subsidy for construction of irrigational wells (Rs 3 7 000) Miscellaneous (Rs 6 68,000)

Number of veterinary experimental stations 23

Number of veterinary hospitals 206 (One for every 18 200 animals and one for every 144 sq miles)

Budget allotment for 1953 54 Rs 12,48 900

LAND TENURE

Land tenure system in the State Mainly Raiyatwari At some places the Bataya system that of equal division of the crop between the Government and the cultivator -and Inam and Jodi systems (land gifts) are in force

Number of cultivators living under such system Nearly 80 per cent under Raiyatwari

Names of tenancy acts in force The Mysore Tenancy Act, The Cultivation of Fallow Lands Act

Important provisions of each act The Mysore Tenancy Act has the object of fixing fair rents to lands rented out for cultivation The Cultivation of Fallow Lands Act empowers the Government to force a landlord to cultivate cultivable land or take such land in its own hand for cultivation

Name of law passed, for non proprietary rentier class The whole tenure system has been re-examined by a committee recently appointed by the Government and the recommendations of the committee are before the Government One of the important recommendations is the abolition of the Inam and Jodi system

PUBLIC HEALTH

Commonest diseases in the State giving mortality in 1952 within brackets Malaria (13 295), T B (3 202)

Epidemics Plague (1,122), Smallpox (3 213), Cholera (3,185)

Other diseases and number of patients treated at Government Hospitals Diseases of Nervous system (147,193), Diseases of digestive system (473,102) Diseases of teeth and gums (78,755), Gonorrhoea (32,221), Syphilis (1,913)

Number of allopathic hospitals 87

Number of allopathic dispensaries 404

Allopathic institutions Urban (99), Rural (491)

Number of beds 5,461

Number of ayurvedic and unani dispensaries 3,250 (Nearly 75 per cent of these are in rural areas)

Number and type of special hospitals T B sanatoria 4, Hospitals and clinics 6 Mental Hospital 1, Leper Asylum 1, Ophthalmic 1, Epidemic Diseases hospital 1

Number of indoor patients treated in hospitals (Government) in 1952 1 50,140

Number of outdoor patients 7,385 654

Number of Government hospitals 108

Number of doctors Surgeons 28, Assistant Surgeons 140, Medical probationers and doctors 515

Number of nurses 456

Number of compounders 339

Medical colleges giving number of students within brackets Medical College, Mysore Allopathic (410), Ayurvedic College, Mysore (130) Unani College Mysore (10) Medical School, Bangalore (466)

Medical Research Institutions Pathological Laboratory (Attached to Victoria Hospital, Bangalore), Cancer Research Institute (Victoria Hospital, Bangalore) Malaria Research Institute, Sakaleshpur, Ramanagaram Nutrition Centre, Central Vaccine Institute

Strength of Health Officers About 200

Budget allotment for 1953 54 Rs 42 84 lakhs

(The State has 502 medical institutions, one for every 59 8 sq miles It also has 175 health centres)

EDUCATION

Class of institution	Number	Total enrolment	No of teachers or Professors	Total expenditure Rs	Contribution by State Govt Rs	Funds and contributions Rs	Fees Rs
Nursery Schools	64	4 057	100	5,43,277	4,66,282	63,248	13,747
Primary Schools	10,474	639,635	20,909	1 31,84,460	1,29,07,116	2,33,686	43,658
Middle Schools	703	162,717	4,769	41,15,307	37,74,503	2,07,853	1,32,947
High Schools	217	65,730	2 590	41 14,808	17,46,494	8,53,036	15,15,278
European and Anglo Indian Schools	20	1,400					
Sanskrit Patashalas	86	2,394			2,10 000		
Arabic Madrasas	1,900						
Arts and Science Colleges	25	15,348	701	20,73,318	9 62,121	83,969	10,27,228
Professional Colleges	11	4,295	317	10,12,771	6,05,357	17,339	3,90,075
Teachers' Training institutions excluding degree institutions	9	1,523		9,18,000	Borne entirely by State		
Teachers' Training institutions conferring degrees	1	76					
Commercial and Technical institutions	75	8,019	455	17,37,677	13,96,728	80,050	2,60,899
Schools for defectives	2	126					

Names of research institutes and other notable institutions Indian Institute of Science, Bangalore, Central Food Research Institute, Mysore, Indian Dairy Research Institute, Bangalore, Sir C V Raman's Institute Bangalore

Name and location of University University of Mysore The University has both Constituent and affiliated colleges

Grant by State for 1953 54 Rs 46,00,000

Number of adults socially educated in a year 30,339

Number of adult education classes 2,093

Contribution by State Government The Adult Education Council is a non official council and gets a grant of Rs 5 lakhs

Degree of literacy in State 20 6 per cent (30 2 per cent among males and 10 3 per cent among females)

Total number of institutions in the State 13,888

Total number of pupils in the State 927,133

Elementary education is compulsory in nine talukas Bangalore, Chikmagalur, Chitaldrug Hassan, Kolar, Mandya Mysore, Shimoga and Tumkur talukas

Of 121,000 children of 6 10 age group 86 per cent are attending school The percentage of enrolment in the whole State is 63 per cent

Technique of social education The Adult Education Council, which is a non official body entrusted with the work is now a well organised group doing planned work every year, with an annual budget of five lakhs of rupees

In the last year nearly 2 093 adult literacy classes were held, their strength was 42 179 The number of persons made literate was 30,339, new rural libraries started 80 and total number of adult education libraries 2,116

Social service camps for students, development of folk arts, visual education, bhajans harikirtans and dramas are some of the activities undertaken in this connection Classes are held daily and weekly Most of them are night classes

Certificates are given after the completion of the course Literacy Library service and follow up of literacy, training of village leaders, general education through films and talks, revival of folk arts and crafts, publishing books for adults made literate, organising social service camps and community centres have been items of the work of the Mysore State Adult Education Council Their Vidyapeetha Scheme for training village leaders has won appreciation of international organisations

Plans for educational reconstruction or expansion A 40 man committee appointed by the Government in September 1952 submitted its proposals in February 1953 for the reorientation of the educational system in the State The Committee has made suggestions for the remodelling of education at all stages, laying down the future lines of policy These suggestions are under the consideration of the State Government

Place of language in the educational system in Mysore The Regional language, Kannada, is compulsory at primary and middle school stages (eight years) It is not compulsory at secondary schools and University stages

In 1949 Hindi was made a compulsory subject of study in all High Schools, a pass in this language being required for promotion from class to class But it was not prescribed as a subject for the S S L C examination as it was considered that this would make the burden of languages too heavy under the existing scheme The teaching of Hindi in High Schools is continued for three years

The teaching of English becomes compulsory from the first year of Middle School and onward It is continued all through the Middle School (four years), the High School (three years), Intermediate (two years) and degree classes, barring Engineering and Medicine The medium of instruction at the College stage is English At the High School stage, however, instruction is given both in English and Kannada, the students being given the option to choose the medium of instruction

There has been no official proposal to replace the English medium at the University stage by the Kannada medium The Educational Reforms Committee, appointed by the Government, has recommended that English should continue to occupy the same position as heretofore

Working of Wardha Basic Education A scheme of Basic Education was launched in 1947 by the establishment of a training centre at Vidyanagar a village about 14 miles from Bangalore to provide teachers for basic schools run along the lines inspired by Gandhiji's Nayi Talim

The course of study includes principles of basic education, organisation of community life, community and personal cleanliness, production of cloth and food social education in villages, cultural education, *i e*, literature, religion, history and science

The institute covers a campus of 81 acres amidst rural surroundings and is residential So far about 276 teachers have undergone training and about 50 teachers are being trained The trained teachers are now working in 104 basic schools which have been started in different parts of the State during the last five years

Names of public examinations which a student has to take during school

1 Lower Secondary Examination conducted by the Department of Public Instruction

2 Secondary School Leaving Certificate Examination conducted S S L C Board Number of students appeared in 1953 19 818, percentage of failure 67

LABOUR

Average daily number of workers in registered factories (Men 72,900, Women 8,000, Children 500)

Number of industries in which a minimum wage is fixed All industries mentioned in the Central Minimum Wages Act and minimum wages fixed according to provisions of the Act

Cost of living index The working class cost of living index in March 1953 for Bangalore 344 1 points for Mysore 347 8 points (These are calculated with 1935 36 as the base)

Number of strikes in 1952 53 Ten as against 15 in the previous year The Central Industrial Disputes Act is in force

Number of trade unions 16

Total membership 60,574 (74 3 per cent)

Number of labour welfare centres 4

HOUSING AUTHORITY

Names of the Authority The Mysore Labour Housing Corporation

Finance available for Housing About Rs 1 crore

Sources from which finances are drawn Both from the State Government and the Government of India Three per cent levy on the earnings of a labourer drawing less than Rs 150 is collected from employers for labour housing schemes

Different classes of houses One room tenements, each costing about Rs 2,700

Rate of rent 7½ per cent of cost or 10 per cent of the wages of an employee, whichever is less

The Corporation which started functioning only in December 1952 has built about 500 houses through the City Improvement Trust

ADMINISTRATION

RAJPRAMUKH

His Highness Maharaja Sri Jaya Chamaraja Wadiyar Bahadur, G C B, G C S I Maharaja of Mysore

RAJPRAMUKH S PERSONAL STAFF

Private Secretary, Safi Darashah

Huzur Secretary, H N Pallegar

COUNCIL OF MINISTERS

Chief Minister in Charge of Finance, Political Department Planning, etc K Hanumanthaiya

Law and Education, A G Ramachandra Rao

Public Health and Local Self-Government, T Channiah

Revenue and Public Works, Kadidal Manjappa

Home and Industries H Siddaveerappa

Agriculture, Dr R Nagan Gowda

SECRETARIAT

Bangalore

Chief Secretary N Puttarangaswami

Home and Revenue Secretary, G N Nagaraja Rao

Finance Secretary, Vacant

Development Secretary R J Rego

Agriculture and Forest Secretary, A S Khaleel

Education Secretary, L Muniswamy

Local Self Government and Planning Secretary, G V K Rao

Law Secretary, C V Channappa

Public Works and Electricity Secretary, D K Srinivasachar

REVENUE DEPARTMENT

BANGALORE

Revenue Commissioner, Vacant

First Assistant to the Revenue Commissioner, V Byrappa, B Sc

Second Assistant to the Revenue Commissioner, I L D Souza, B A

Additional Assistant to the Revenue Commissioner, K K Applah, B A

DEPARTMENT OF LAND RECORDS, SURVEY & SETTLEMENT

BANGALORE

Ex-Officio Commissioner for Settlement and Land Records, N Madhava Rao, B A, I A S

Superintendent of Land Records, K Gopalraj Urs, B A

Headquarters Assistant, D M Raghunatha Rao Manay, B A A M, I S E

District Survey Officer, Tumkur, I Anthonyswamy, L L B

Assistant Superintendent of Land Records, Mysore, S A Gani, B A

Assistant Superintendent of Land Records, Hassan L Krishna Naik, B A

Assistant Superintendent of Land Records, Mandya, S M R Askari, B A., L L B

District Survey Officer, Bangalore, M S Narayanaswamy, M A

District Survey Officer, Shimoga, H B Puttaswamappa, B A

District Survey Officer, Kolar, R Thippoji Rao, M A

AGRICULTURE DEPARTMENT

Director of Agriculture, Commissioner for Food Production and Development Commissioner (Community Project), Bangalore, M K Appajappa, I A S

Joint Director of Agriculture and Director of Extension Services, O O D as Director of Research, Coffee Research Station, Balehonnur, Dr B T Narayanan, B A, Ph D, D I C

Headquarters Assistant to the Director of Agriculture, Bangalore, B P Balakrishna, B Sc, B Sc (Agri) (Edin)

Offg Accounts Assistant to the Director of Agriculture, Bangalore, C Britto, B A

Senior Assistant Director, O O D as Principal, Agricultural College, Hebbal, Bangalore, M Mallaraj Urs, B Sc, B Sc, (Agri) (Edin)

Senior Assistant Director of Agriculture O O D as General Manager, Mysore Tobacco Company Ltd, Bangalore, M J Subbanna, B Sc (Hons)

Senior Assistant Director in charge, Babbur Farm Hiriyur, H A Abdur Rubb B Sc

Senior Assistant Director, O O D as Extension Officer (Agronomy), Training cum Development Project, V C Farm, Mandya, B Rudramurthy M Sc M S (U S A)

Assistant Director, Mysore, C M Revanna, B Sc (Hons)

Assistant Director, Kolar, H C Nanjaiah B Sc (Hons)

Assistant Director, O O D as Assistant Extension Officer Malavalli G N Alasingrachar B Sc B Sc (Agri)

Superintendent, Central Farm, Hebbal, Bangalore, V Chandrasekhar, B Sc, B Sc (Agri)

Assistant Director of Agriculture, in charge, T S Iswaraiah *Canal Farm Mandya,* B P Venkataramaiah, B Sc, B Sc (Agri)

Offg Asstt Director of Agriculture Bangalore N Narasimhaiah, B Sc, B Sc (Agri)

Offg Asstt Director of Agriculture, Chikmagalur, P Basavaiah B Sc (Agri)

Offg Asstt Director of Agriculture, Tumkur, H V Putta Naik, B Sc (Agri)

Assistant Director, O O D as Asstt Extension Officer, Malavalli, H Dwarakinath, B Sc, B Sc (Agri)

Assistant Director, O O D as Agricultural Officer Community Project, Siralakoppa, B J Nanjundappa, B Sc, B Sc (Agri)

Assistant Director of Agriculture, O O D as Asstt Extension Officer, Malavalli C Gopalakrishna, B Sc, B Sc (Agri)

Assistant Director of Agriculture, Hassan, H Mahadeviah, M Sc (Agri)

Asstt Director of Agriculture, Babbur Farm, Y R Narayana Rao, L Ag

Asstt Director of Agriculture, Shimoga, C Ramaiah, L Ag

Asstt Director of Agriculture, Mandya, G V B Naidu, B Sc (Hons)

Asstt Director of Agriculture, Chitaldrug, H Basavaraj Urs, L Ag

Extension Officer, Animal Husbandry Services, V C Farm, Mandya, D Rudraiah, G V Sc, M Sc (U S A)

SCIENTIFIC SECTIONS

Plant Pathologist, Bangalore, S V Venkatarayan, B A

Assistant Plant Pathologist, Bangalore, N S Venkatakrishnaiah, B Sc

Government Entomologist, Bangalore, B Krishnamurthy, B Sc, F R E S

Joint Entomologist, Bangalore, Dr M Puttaraiya, B Sc (Hons), M S, Ph D (U S A)

Senior Asstt Entomologist, O O D in the Department of Food Supplies as Storage Officer, Bangalore, D Seshagiri Rao, B Sc

Senior Asstt Entomologist, Bangalore M Appanna, B Sc

Senior Asstt Entomologist, Biological Control Scheme Syed Usman, B Sc

Economic Botanist Bangalore B Venkoba Rao, B Sc, M S (U S A)

Senior Asstt Botanist & Paddy Special Officer, T Srinivasamurthy M Sc

Senior Asstt Botanist, Bangalore, K Gopala Iyengar, M Sc

Senior Asstt Botanist Doddahatti Cotton Scheme, V C Farm, G Srinivasa Iyengar M Sc

Senior Asstt Botanist & Cotton Physiologist V C Farm, S G Narasimhachar M Sc

Area Research Assistant Thirthahalli, Ghouse Mohiyuddin B Sc, B Sc (Agri)

Agricultural Chemist Bangalore Dr S V Govindarajan, B Sc (Hons), Ph D (Lond), D I C, A I I C

Biochemist (in charge) Compost Scheme Bangalore K R Ananthanarayanaiah, B A

FOOD PRODUCTION SECTION

Statistician & Agri Meteorologist, Bangalore A Ananthapadmanabha Rao B A, M S (Iowa)

Agricultural Engineer Bangalore, K N G Dwajan B T, A C I C

Tractor Engineer, Hebbal Bangalore V K Keshavamurthy, B I

Accounts Assistant, Bangalore B N Kempaiah B Sc

Headquarters Assistant to the Commissioner for Food Production Louis DeSouza, M A (Cantab)

Special Amildar, Bangalore M Nazir Ahmed, B A

FOREST DEPARTMENT

Chief Conservator of Forests Mysore, M A Muthanna B Sc, I F S (Dip)

Conservator of Forests Dr D A Rama Rao B Sc, A I Sc, Ph D, M S F (Wash)

Technical Assistant to Chief Conservator of Forests, Mohomed Ahmed B Sc, M S F (Wash)

EXCISE DEPARTMENT

Excise Commissioner in Mysore, Inspector General of Registration and Registrar of Joint Stock Companies A C Nirvani Gowda, B A I A S

Headquarters Asstt to the Excise Commissioner Officer in Charge Provincial Ganja Stores and Supdt Excise Intelligence Bureau Bangalore, N Suryanarayana Rao Naidu

INCOME-TAX DEPARTMENT

Commissioner of Income tax, S H Gopalaswamy Naidu, B A, B Sc

Inspecting Assistant Commissioner of Income tax, Bangalore K M S Reddy B A, B Sc (Hons) (Lond), F R E S, Bar at Law

Income tax Officer, Urban Circle, Bangalore, T Bellan, M A

Personal Assistant to the Commissioner of Income tax, C Ramachandra Rao Naidu, B A

Income tax Officer, Salaries, Bangalore, V S Sastry B com

Additional Income tax Officer, Salaries, Bangalore, H C Jambukeswariah B A

I Additional Income tax Officer Bangalore Urban Circle, Bangalore K M Pattabhi B A

II Additional Income tax Officer, Bangalore Urban Circle, Bangalore, N S Raghuthaman, B A (Hons)

III Additional Income tax Officer, Bangalore Urban Circle, Bangalore, C V Natarajan, B Sc

IV Addl Income tax Officer, Bangalore Urban Circle, Bangalore, G B Gonsalves, M A

V Addl Income tax Officer Bangalore Urban Circle, Bangalore, S Krishnamurthi, B A

Income tax Officer, Bangalore Rural Circle, Bangalore F G Jilani, M A

Income tax Officer, Kolar R Jhothathri, B A

Income tax Officer, Darangere, C Subba Rao M A, B Sc

Income tax Officer Mysore, V S Shetti, B Com, G D A, A C A

Income tax Officer Tumkur S I Shivaswamy, B A (Hons)

Income tax Officer Hassan S Sivanna Reddy B Sc

Income tax Officer Shimoga S Seshagiri Rao B A, G D A

I Addl Income tax Officer Mysore, K N Rama murthy M A B L

II Addl Income tax Officer, Mysore F J Fernandez, B A (Hons)

DEPARTMENT OF JOINT STOCK COMPANIES

Registrar (ex Officio), A C Nirvani Gowda, B A I A S

Asstt Registrar, S Krishna Murthy, M A L L M

DEPARTMENT OF MINES (GOVT OF INDIA)

Inspector of Mines No 6 Circle, R G Deo, B Sc, A I S M

Junior Inspector of Mines at Oorgaum, B M Bhat, B Sc (Min)

Junior Inspector of Mines at Nellore, S J Acharlar, A I S M

Asstt Inspector of Mines at Oorgaum S R Prasad M Sc

PALACE DEPARTMENT

(MYSORE)

Private Secretary to H H the Maharaja S Darashah, I A S

Huzur Secretary H N Pallegar I A S

Military Secy Col Sirdar D Madan Gopal Raj Urs

Comptroller to the Household Major L Mahadeviah

Asstt Secy on the Personal Staff H M Srinivasaiah, B A

Asstt Secy on the Personal Staff M Narayana Murthy, B A *A D C*, Sirdar H L Devaraj Urs

Honorary A D C s Col Sirdar M Gopalakrishne Urs, Rajasenabhusani Lt Col Sirdar A V Subrahmanyaraj Urs, Sirdar K Gopalaraj Urs, B A, Captain A I Channaraj Urs, Captain Sirdar B N Nanjaraj Urs, Captain H L Lingaraj Urs B A

FINANCE DEPARTMENT

Financial Secretary to Govt, N Madhava Rao, I A S

Assistant Secretary, Finance, P Honnappa, B A

Addl Assistant Secretary, Finance, N S Bharath, B Sc (Hons)

HIGH COURT

Chief Justice, Rao Bahadur P Madapa, B A, B L

Judges, Mysore High Court, R Venkata Ramaiya, M A, L L B N Balakrishnaiya, B A, L L B I N Mallappa, B A, L L B, B Vasudeva murthy, B A, I I B

Registrar, High Court of Mysore, R P Vasudeo B A, B L

Deputy Registrar, K Chandy, B A, B L

POLICE DEPARTMENT

Inspector-General of Police, Vacant

Deputy Inspector General of Police, Railways and Mysore Division, Mysore, R Muthoji Rao Scindia B A , I P S

Deputy Inspector General of Police, S B and C I D B Thimmaraj Urs, I P S

Deputy Inspector General of Police, Bangalore City C Chandy I P S

Headquarters Assistant to the Inspector General of Police in Mysore, R D Anderson I P S

Superintendent of Police, Bangalore District, M Jai Singh, I P S

Superintendent of Police, Mysore District, K S Krishnamurthy, I P S

Superintendent of Police Kolar District, A P Rathnarajiah, I P S

Superintendent of Police Tumkur District, S C Mallappa, I P S

Superintendent of Police, Kolar Goldfields B P Revanna, I P S

Superintendent of Police, Chitaldrug District, M Quadir Ali, I P S

Superintendent of Police, Hassan District, H Veerabhadriah, I P S

Superintendent of Police Chikmagalur District, D Vijayadevaraj Urs I P S

Superintendent of Police, Shimoga District P S Narasimhachar I P S

Superintendent of Police, Mandya District, M Mahadevappa, I P S

Superintendent of Police, Bangalore North, M G Heblikar, I P S

Superintendent of Police Bangalore South, T Albert Manoraj, B A , B L

Superintendent of Police, M A R P Palace Guards, Dismounted Company Mysore, C J Ram Dev, B Sc

Superintendent of Police M A R P Palace Guards, Mounted Company, Mysore, K R Krishna

Superintendent Government Railway Police, Bangalore E R Devaraj Row, B A , L L B

Principal, Police Training School, Mysore I Subramanya Rao, B A

MEDICAL DEPARTMENT
(BANGALORE)

Director of Medical Services, Dr B R Ramalinga Reddy, L R C P (Lond), M R C S (Eng), D C H , R C P & S (Eng)

PUBLIC HEALTH DEPARTMENT

Director of Public Health, Dr T Chandra sekhariah, B A , M B B S , M P H

Dy Director of Public Health, Dr C V Nata rajan, B Sc , M B B S Dr P H , F R I C , F A Sc

Superintendent, Bureau of Epidemiology, Dr S Seshagiri Rao, B Sc M B B S , D P H , M P H

Superintendent, Bureau of Malariology, Dr S R Bhombore, M B B S , D P H , M P H

Superintendent, Bureau of Health Education, Vacant

Chemical Examiner, Public Health Institute, Dr S Ananthaswamy, B Sc , M B B S , D P H , M P H

Assistant to Chemical Examiner, Dr K Krishna murthy Rao, B Sc , M B B S , D P H

Superintendent, Vaccine Institute, Dr V N Krishna Murthy, M D

Personal Assistant to the Director of Public Health, Dr V Ramakrishna M B B S , D P H

BUREAU OF VITAL STATISTICS

Superintendent and Deputy Registrar General of Births, Deaths and Marriages, K R Sundara rajan, M A (Hons)

Dy Director of Public Health (in charge), Dr C V Natarajan, B Sc , M B B S , Dr Ph , F R I C , F A Sc

PUBLIC WORKS DEPARTMENT

Chief Engineer, K S Gangadhara, B E

Deputy Chief Engineer, H C K Bhatta, B A , B F , A M I E

Assistant to Chief Engineer (General), D Raja gopal, B A

Technical Assistant (General Irrigation) H Seetharamiah B E

Technical Assistant (Roads & Buildings), C S Krishnaswamy, B E

Technical Assistant (Special Irrigation), M Sundaram, B Sc , B E

Technical Assistant (Statistics and Planning), V Lakshmmarayana, B E

Secretary to Government, Public Works and Electrical Departments D K Srinivasachar, B Sc (Hons), I A S

Government Architect, B R Manickam, B F , M S M A & C E , M A S P O

Assistant Architect V Hanumantha Rao Naidu, B F A A (Hons), A R I B A (Lond)

Superintending Engineer, Cauvery Circle, H Ananthachar, B E

Superintending Engineer Bangalore Circle, T Ramaswamy Iyengar, B A , B E

Superintending Engineer, Tumkur Circle, K S Chakravarthy, B E

Superintending Engineer Shimoga Circle, K Subba Rao, B A , B E , A M I E (Ind)

Superintending Engineer, Thunga Bhadra Valley Circle, C R Krishnaswamy Mudaliar, B E

Superintending Engineer, O O D in the Govern ment of India, A Krishnamachar, B Sc , B E

Superintending Engineer, Sanitary Circle, K S Krishnaswamy B F

Executive Engineer, Water Supply Division, Bangalore, H S Narasimha Iyengar, B E

Controller of Central Stores P W D , Bangalore, M Krishnaswamy, B F

Special Engineer, Vidhanasoudha Division, Bangalore, M Muniyappa, B E , A M I E (Ind)

Executive Engineer, Bangalore Division Banga lore T Hutchveeriah, B E

Executive Engineer, Buildings Division, Banga lore, G Krishnaswamy, B E

DEPARTMENT OF PUBLIC INSTRUCTION

Director of Public Instruction J B Mallaradhya, I A S

Deputy Director for High School Education, I S Rajaratnam, M A (Edin), B T

Dy Dir Elementary Education, T N Krishna Rao M A , Dip Edn , M Ed (Leeds), B T

Dy Dir Middle School Education, I Abdul Aziz Khan M Sc , B E

Personal Assistant to the Director of Public Instruction, N S Venkataram, M Sc B T

Secretary Secondary Education Board, G P Sivaram B A B T

Inspector of Commercial Schools, Y Gangadhara, B A , B T

Special Officer for Development and Secretary, Text Book Committee, Vacant

Accounts Assistant to the Director of Public Instruction, M Venkateswarlu

Asstt Secy , Secondary Education Board, T V Sundaram, B A

ANIMAL HUSBANDRY DEPARTMENT

Director, Dr P M Narayanaswami Naidu, B Sc., L V P , Sc D (Ger), F F A S (Fr)

Assistant Director (Headquarters), Dr P McIsaac, B Sc (Hons), Ph D (Edn)

Asstt Dir (Hqr II), J Muniappa, L V P , Assoc , I D I

Asstt Directors, Dr B Chandrasekhar, G V Sc , M Sc (Bacty), M Sc (A H), Ph D (A H), (U S A) (*Bangalore*), K Shrikantiah, G M V C (*Shimoga*), N Narayana Rao, G B V C (*Mandya*), B Somasundaram Pillay, G B V C. (*Hassan*), M Sreekantiah, G B V C (*Kolar*), G Narayanamurthy, G M V C (*Mysore*), P V Bhatt, G M V C (*Chitaldrug*), M Subba Rao, G B V C (*Tumkur*), B Venkateshiah (*Chikmagalur*)

Superintendent, Mysore Serum Institute, Hebbal, V S Kuppaswamy Mudaliar, G M V C , P G

Assistant Bacteriologist, Serum Institute, Vacant

Superintendent, Kunigal Stud Farm, Vacant

Fisheries Officer, Bangalore, Dr H D R Iengar, M Sc (Hons), Ph D (U S A)

Statistician, Bangalore, G V Dodda Ramiah, B A , M Sc

Supdt , Composite Live stock Farms and Research Station, Hessarghatta, P C Adaikalam, G M V C , P G

Dairy Dev Officer, Bangalore, D Rudriah, G V Sc , M Sc (U S A)

Asstt Disease Investigation Officer, Sheep & Goats, C K Abdulla Khan, B Sc , G M V C , B V Sc , D V P H (Canada)

Asstt Veterinary Research Officer, M G Sekharan, L V P , P G (Mue)

Officer in Charge, Ranikhet & Sheep Pox Vac cines, Serum Institute, Hebbal, R M Purushothama Naidu, G M V C

Asstt Poultry Disease Investigation Officer, Serum Institute, Hebbal, C Venkataswamy, G V Sc , (Non-Gazetted)

Manager Cattle Breeding Station, Ajjampur, S K Venkata Rao, L A G

Amrith Mahal Officer, Arsikere, H T Meenak shiah

Asstt Engineer, Animal Husbandry Department, Bangalore, B S Nagesha Rao, B E

Nutritional Chemist, Mysore Serum Institute, Hebbal, H S Lakke Gowda, M Sc , Assoc I V R I

In Charge, Mastitis Investigation Scheme, Hebbal, Dr R D Nanjiah, B Sc , B V Sc G M V C , Ph D

Disease Investigation Officer, Hebbal, Dr Syed Mohiyuddin, B Sc , B V Sc , G M V C , Ph D

Biochemist, Abdul Rahiman, M Sc

Helmenthologist, Dr N S Krishnarao, B A , L V P , Ph D

District Veterinary Officer, Bellary, S K Sundaran, G M V C

Superintendent, Combined Sheep and Farm, Kuri Kuppi, Tornegallu P O, M S R Anjaneyelu, G M V C (P G) (A H)

DEPARTMENT OF SERICULTURE
(BANGALORE)

Director of Sericulture in Mysore, and ex Officio Director of Central Sericultural Research Institute, H S Venkata Rao, B Sc

Assistant Director (Research), T K Krishnamurthy, B Sc

Assistant Director, N R Krishnamurthy, B A

Assistant Director, M Murudappa, B Sc

Sericultural Assistants Amble, Lakshmipathi, Abdul Sattar Khan, Rama Murthy, Hanumanthappa, Ramadas, Shanmukhappa

INDUSTRIES & COMMERCE DEPARTMENT

Chairman, Board of Management, H Siddaveerappa, B A , B L , Minister for Home and Industries

Director of Industries & Commerce, E V Ganapati Iyer, B Sc , I A S

Deputy Director (General and Textiles), V Venkatachar, M A , B Com

Deputy Director (Commercial and Planning), N V Siddalingappa, M Sc

Asstt Director (Commerce), H G Vijayaraghava Reddy, B Sc (Hons), F Z S

Asstt Director (Textiles and General), D. R. Gundurai, B A , B Com , L L B

Asstt Director (General), N Z Aftab Ahmad Khan, B A

Asstt Director (Tex Tech), M Aurifulla Meccai

Asstt Director (Establishment), M V Laksh mana Reddy, B Sc.

Asstt Director (Cottage Industries), B P Shivanna, B A

Asstt Director (Accounts), R Sampath-kumaran, B Sc

Asstt Director (Finance), M Sachidananda Moorthy, M A

Asstt Director (Finance), Sandal Oil Factory, Bangalore, H Ramappa, B A

Fruit Preservation Expert, B P Mascarenhas, B Sc

Convener, Board of Management of Industrial Concerns, T Hanumiah, M Sc

General Manager, Govt Electric Factory, A V Raghavachar B Sc M Sc (Tech) (Man chester), A M I Mech E (Lond), M I E

Ceramic Expert and General Manager, Govt Porcelain Factory, Bangalore, P Hariharan

General Manager, Crockery and Artware Section Govt Porcelain Factory Bangalore, V G C Pani, Dip Ceramics (Engg), C E

General Manager, Mysore Implements Factory, Hassan, S K Kempiah, B E

General Manager Govt Silk Weaving Factory, Mysore, A P Rao, L T M (Hons)

General Manager Sandalwood Oil Factory, Mysore, G Thippeswamy, B Sc

General Manager Govt Soap Factory, Bangalore, H G Ramakrishna Reddy B Sc (on Foreign tour), B K Thungappa, B Sc (Hons), *In charge*

Superintendent, Govt Central Industrial Work shop, Bangalore, M Gopalappa, B E

Superintendent, Sri Chamarajendra Technical Institute, Mysore K Vijayam, L M E, I F E

Superintendent of Industries, Bangalore Division, Bangalore, A M Dyas, L M E

Superintendent of Industries Shimoga Division, Shimoga, A Channaraj Urs L M E, L E E

MYSORE IRON AND STEEL WORKS, BHADRAVATI

Chairman of the Board of Management, Mysore Iron & Steel Works, Bangalore, H Siddave erappa, B A, L L B, Minister for Home and Industries

Vice Chairman, Director, and ex Officio Iron and Steel Controller for Mysore, S Muninanjappa, B A, B L, I A S

Secretary, Board of Management and Guest Enter tainment Officer, M Chinnaswamy, B A

General Manager, D V Krishna Rao, B A

Works Manager (Development), B A Narayana Murthy, B A, B E

Works Manager, Furnances & Mills, H K Ramanujam, B E

Sales Manager, C B Chawan, B A, L L B

Works Manager, Chemicals Division on other duty as Asstt General Manager, V S Ekam baram.

Works Manager, Engineering and Maintenance, B Ramaseshiah, B E, A M I E

Works Manager, Materials Division, B Subba Rao, B E

Chief Metallurgist, T Krishnappa, M C, M M E L

Purchase Manager, G A Manjalya

Chief Accts Officer, H Chickanna, B A

Superintendent, Electric Pig Iron Furnace, B Seshadri Sherma, B E

Superintendent, Blast Furnace, C Rama Rao

Superintendent, Electric Furnace and Steel Foundry, J T Kanakaraj, M A (on studies abroad)

Superintendent of Efficiency and Inspection, K. Nanjappa, B E

Civil Engineer, B Sitharamaiengar, B E A M I E

Superintendent, Cement Plant, B Shivappa L T C (Hons)

Supdt, Mechanical Department, h Bheeme gowda, B E

Supdt, Pipe Foundry, M Lingiah B Sc

Supdt of Mines, K Y Sreenivasa Iyengar, M Sc

Chief Chemist and Supdt, Chemical Plant, Mohd Ali, B Sc

Supdt, Ferro Alloy Plant, Bhadravati, M Subra manyam

Superintendent, Electrical and Water Supply Department, G Lakshminarasimha Rao

Supdt, Rolling Mills, C Parasuram Naik

Supdt, Roll Turning Shop, J N Rath

Supdt Open Hearth Furnace, H P Doreswamy Iyengar, B Sc (Mat)

Supdt General Foundry, K Basappa, B E

Medical Officer, Dr S T Puttanna, M B B S

Branch Sales Officer, Bombay, S Narayanaswamy B A

Branch Sales Officer, Secunderabad and Bangalore, N M Channabasaviah B A

Branch Sales Officer, Madras V Doreswamy, M A

DEPARTMENT OF CO OPERATION

Registrar of Co operative Societies B Rachappa B A

Joint Registrar of Co operative Societies, K R Marudeve Gowda, B A, L L B

Assistant Registrars of Co operative Societies, K Ramappa, B A (*Personal Assistant to the Registrar of Co operative Societies*), B T Peethambara Rao M A, M Thammiah B A, G Giriyappa B Sc (Hons), H S Rama chandra, B Sc K Ramaiah, M Sc S Rama Rao, B A, Y M Srikantaiya B A C Nara yana Setty, B A T N Gangadhar B A B T Ramaiah, B A T Rangadasappa B Sc, K H Shame Gowda B A C S Obedulla, B A, G Rudrappa, B A, L L B, H K Chin diah, B A, L L B S Gangappa B A M Shivanna, B A, D Com M G Mohiyuddin B A (Hons)

ELECTRICAL DEPARTMENT

Chief Electrical Engineer George Chandy M S E E

Deputy Chief Electrical Engineer N D M Appa B Sc, B Sc Eng (Hons) (Eng), C P E I (I I Sc)

Technical Assistant to C E E, C Adiappa, B F (Mech)

Technical Assistant to C E E R S Raja Rao B A, B E

Accounts Assistant to C E E, M L Murthy Rao (Ag)

PUBLIC SERVICE COMMISSION

Chairman, H B Gundappa Gowda, B A, B L

Members, H M Mallikarjunappa, B A, L L B George Mathan, B Sc

Secretary, S Devaraj, B A

MISCELLANEOUS DEPARTMENTS

LOCAL SELF GOVERNMENT DEPARTMENT

Hardinge Road, Chamarajapet, Bangalore 2

Commissioner for Local Govt in Mysore N S Hirannayya, M A, I A S

Personnal Assistant to the Commissioner, F M Amir, B A

Registrar of Co operative Societies and Special Officer for Rural Development and Depressed Classes, Bangalore, B Rachappa, B A

MYSORE LABOUR HOUSING CORPORATION

Hardinge Road Chamarajapet, Bangalore 2

Chairman, N S Hirannayya, M A, I A S

DEPARTMENT OF FOOD SUPPLIES

Director of Food Supplies Commissioner of Distress Relief and ex Officio Controller of Civil Supplies in Mysore Bangalore, K P Ramanathaiya, I A S

Assistant to the Director of Food Supplies in Mysore, Bangalore, T L Srinivasachar, B A, L L B

Assistant to the Director of Food Supplies in Mysore Bangalore and ex-Officio Assistant Controller of Civil Supplies, Bangalore H Maharudriah B A, L L B

Additional Director of Food Supplies (Transport), Bangalore, Rajaseva prasakta R N Mirza, B E, A M I C E

Assistant Director of Food Supplies (Depots), and Ex Officio Rationing Officer, Bangalore, C J Padmanabha, B Sc (Hons)

Special Officer Fuel Supplies, Bangalore, A S Ramanaah B A

Ex Officio Rationing Officer, Mysore City, H L Nage Gowda B Sc, L L B

Storage Officer, Food Supplies Bangalore, D Seshagiri Rao, B Sc

DEPARTMENT OF ARCHAEOLOGY

Director, K Narayana Iyengar, M A

INSURANCE DEPARTMENT

Bangalore

General Manager J Appaji Gowda, B A (Hons)

Secretary, B M Krishnan, B A

Actuary, H V Krishna Murthy B Sc, F I A (Lond), F C I I (Lond)

Deputy Secretary A Ramachandra Naidu, B Sc

Assistant Actuary, R Ramaswami B A (Hons) F I A (Lond)

Chief Medical Officer Dr B R Ramalinga Reddy I R C P (Lond) M R C S (Eng) D C H R C P & S (Eng)

Insurance Medical Officer Dr B K Ramanna M B B S

Legal Adviser M N Srinivasan, B Sc (Hons) I L B

Assistant Secretaries, S S Gangadhara Sastry, M A (Lit), L L B, M A (Com), A C A, M C Hanumantha Rao, B A, M R Keshava-murthy Rao B A, I Ramakrishna, B A, L L B B Chickanna K Gopal, M A, B T, Dip (Com), F C I I (Lond)

ECONOMIC CONFERENCE

Commissioner of Economic Development & Plan ning, Secretary, Economic Conference, Director of Statistics and Director of Industries and Commerce in Mysore Bangalore, E V Gana pati Iyer, I A S

Deputy Commissioner of Economic Development and Planning and Deputy Director of Industries and Commerce, N V Siddalingappa M Sc

Asst Secretary, Economic Conference and ex Officio, Asst Director of Statistics in Mysore Vacant

TRADE MARKS DEPARTMENT

Examiner and ex Officio Dy Registrar of Trade Marks, Trade Marks Registry Branch, Chamber of Commerce Buildings, Kempegowda Road, Bangalore 2, V R Keshavraj, B A

BANGALORE MUNICIPAL CORPORATION

Mayor H S Seetharam

Deputy Mayor, Gadi Cheluvaraja Chetty

Commissioner, K Honjerappa

Engineer M H Manchigiah

Health Officer, Dr M R Goveidhan

MEMBERS

M R Narasimha Iyengar (*Malleswaram West*), Dr I Parthasarathy (*Malleswaram East*), K Devayya (*Srirampuram*) Vijravelu (*Ramachandrapuram*), A Negesha Rao (*Labour Colony*) Dr M G Seshadri (*Seshadripuram*), D Mallappa (*Subash Nagar*), C Oblesh (*Kempapur Agrahar*) J Lingaiah (*Kemmangundi*), Y Ramachandra (*Chickpet*) B H Sanjeevappa (*Ranganswamy Temple*) Chotabhai Desai (*Gandhinagar*), T H Basavarajappa (*Sri Kasi Viswesuara Temple*) B V Lankappa (*Krishnarajendra Market*) K Thoppalan (*Super Talkies*), B Venkata swamy (*Chamarajpet West*), S Krishna Rao Pawar (*Chamarajpet East*), M Rangaiah Naidu (*Kalasipalyam*), P Veerappa (*Gavipur Guttahalli*), Dr K R Srikanteshwar (*Shankarapuram*) D C Anantharamaiah (*Bull Temple*) R Dayananda Sagar (*Basavanagudi East*) Krishnappa (*Mavalli*), K R Sridhara Murthy (*Town Hall*), Papaiah (*Dharmarayanswamy Temple*) A Siddappa (*Anjaneya Temple*) D R Shivappa (*Tavarmandalpet*), P Jithendra (*Cubbonpet*), D R Puttanna (*High Ground*), M Munivenkatappa (*Palace Guttahally*) Inayathulla Mohkil (*Benson Town*) R Kasturiraj Chetty (*Fraser Town*) Govindraj (*St John's Hill*) B I Hanumanthappa (*Murphy Town*) P S K Naidu (*Cox Town*) B M Shamanna Gowda (*Jooghpalyam*), Srinivasa Reddy (*Ulsoor*), Chengalroya Mudaliar (*Swan Chetty Garden*), G Shivaprakasham (*Bamboo Bazar*) B Gangadhar (*Central Bazar*) Veerabhadra Gupta (*Hospital Town*), M Jayaseelan (*Blackpally*) G Abdur Rahman Khan (*Broadway*) M K Lakshmaiah Chetty (*Tasker Town*) S A Asirvatham (*Maclver Town*) V P Deenadayalu Naidu (*Shoolay*) B Nanjappa (*Richmond Town*) Mrs Winifred Joseph (*Austin Town*)

(Depressed Classes Reserved)

N Adimoolam (*Super Talkies*), M Yellappa (*Town Hall*) Masilamani (*Cubbonpet*), Bhaskaran (*Murphy Town*), P Lokanath (*Bamboo Bazar*), P D Narayan (*Austin Town*)

Women (Reserved)

Miss T S Rukmayi (*Malleswaram West*), Mrs B K Saraswathamma (*Sri Kasi Viswesuara Temple*) Mrs Rukminiamma (*Basavangudi East*), Mrs Venkatalakshamma (*Cubbonpet*), Mrs Grace Tucker (*Fraser Town*), Miss C Sharada (*Tasker Town*)

Aldermen

K S Kamat I L Gangoji Rao S Sajjansa, Mrs B Indiramma Gangadhara Shetty

Non-Textile Labour

K L Ramakrishna Rao, Kanniah Dhanpal

Textile Labour

Sreeramalu Rangappa

Trade and Commerce

S R Srinivasan K Ramiah Setty, Jinabai Devidoss, D N Hosali

MYSORE MUNICIPAL COUNCIL

Municipal Commissioner, M N Lakshman Rao, B Sc, B L

Health Officer, A S Venkatachalam, M B B S, D P H

Municipal Engineer, D Nanjappa, B Sc, B E

Revenue Officer, B Thimmiah, B A

Asstt Health Officer, Kuppanna

Licensing Officer, B K Gurappa, B Sc, B E

Octroi Superintendent, S Siddappa

Manager, Municipal Farm, B N Nanja Reddy

Audit Superintendent T S Narayan

Superintendent, Municipal Office, M R Devaraj Rao, B Com

MEMBERS

The names of the Councillors are in the same order as the number of the wards which they represent

G S Ramakrishniah, K Siddiah, Srikanta sharma, D Lingiah, Natyakalavisharada, M C Mahadevaswamy, B K Ramakrishnaiya, M A, L L B, K Kariyanna, Sethuraman M Budan Captain, B G Das I A M S A Krishnamurthy Rao C N Narayana Rao N Sreenivasan, H Kempegowda, S Venkataramaniah, T Narasimha Iyengar, B A, B L, Doddathammegowda M N Thimmiah U L Ramachandra Rao, B L Ramaswamy Setty, B K Puttiah, B N Konge Gowda, B A, H N Muddiah, S Govindaiya, K Puttaswamy, B A (Hons), L L B G R Rangaswamiah M J Mohamad Yakub, Mohamad Sait, Aziz Sait Rev Fr Audieu, G A Coutinho, S Sanjeeviah, Jogi Siddiah Mir Noor Hussain, M A L L B, S Linganna, Ari Chowdiah, M K Lingiah, P L Kumaraswamy B Sc, B L, Haji Amiruddin Khureshi, M Venkatalingiah

*

EDUCATIONAL INSTITUTIONS

UNIVERSITY OF MYSORE

CHANCELLOR

His Highness Sri Jayachamaraja Wadiyar Bahadur, G C B, G C S I

VICE CHANCELLOR

Dr B L Manjunath, B A, M Sc (Lond), D Phil (Oxon)

REGISTRAR

C Rangachar, B Sc, M Ed (Leeds)

DEANS

Arts, S V Ranganna, M A
Science, Dr L Narayana Rao, M Sc Ph D
Engineering and Technology, C Gopalakrishnan, B Sc, E E, A M I C
Medicine, Y Appajee, B A, M B B S, M Sc (Lond)
Law, M Narayana Rao, M A, B L

UNIVERSITY PROFESSORS

Economics, V I D Souza B A, B Com (Lond)
Geology, L Rama Rao, M A, F G S, F N I
English S V Ranganna, M A
Kannada, K V Puttappa, M A
Sanskrit, M Lakshminarasimhiah, M A
Urdu, Persian and Arabic, Dr Khizer Ali Khan, M A, Ph D
Political Science L Srikantiah, M A, M Sc (Lond), Bar at Law
Philosophy, Dr T A Purushottam, M A, Ph D (Lond)
Psychology Dr B Kuppuswami Naidu, M A, D Litt
History, Dr M V Krishna Rao M A, B T, D Litt
Physics Dr S Ramachandra Rao, M Sc, Ph D (Lond), F Inst P
Chemistry, Dr G Narayan, M Sc, Ph D
Mathematics, Dr B S Madhava Rao, D Sc
Mathematical Economics and Statistics S K Ekambaram B Sc (Hons) M A (Cantab)
Botany, Dr J Narayana Rao, M Sc, Ph D (Lond)
Zoology, Dr B R Seshachar, D Sc
Indology, K A Nilakanta Sastry

LIST OF COLLEGES

Central College, Bangalore
College of Commerce Bangalore
College of Engineering, Bangalore
First Grade College, Mysore
First Grade College, Tumkur
Intermediate College, Bangalore
Intermediate College, Chikmagalur
Intermediate College, Chitaldrug
Intermediate College, Davangere
Intermediate College, Hassan
Intermediate College, Kolar
Intermediate College, Mandya
Intermediate College, Shimoga
Maharaja's College, Mysore
Maharani's College for Women, Bangalore
Maharani s College for Women, Mysore
Medical College, Mysore
Teachers College, Mysore
Agricultural College, Bangalore
Basappa Intermediate College, Bangalore
B M Sreenivasiah College of Engineering, Bangalore
College of Engineering, Davangere
D Banumiah's College of Commerce, Mysore
Law College, Bangalore
Mount Carmel College, Bangalore
National College Bangalore
Sarada Vilas Intermediate College, Mysore
Sri Krishnarajendra Silver Jubilee Technological Institute, Bangalore
St Joseph's College, Bangalore
St Philomena's College, Mysore
The National Institute of Engineering, Mysore
Vijaya College, Bangalore
Medical College, Bangalore

PROFESSORS OF PROFESSIONAL COLLEGES

Engineering College

Civil Engineering, C Gopalakrishnan, B Sc, B E, A M I E
Electrical Engineering, K Chennabasaviah, B E, M S (E E), A M I E
Mechanical Engineering, B R Narayana Iyengar, B Sc, B E S M (Mech), M I T, A M I E (Ind)
Mathematics, F J Noronha, M A (Lond)

Commerce College

Commerce S R Mandre, M A, B Com, R A, F S A, Inc Acct (Lond)
Commerce, B R. Subba Rao, M.A, Dip COM,

Medical College

Anatomy, Y Appajee B A, M B (Cal) M Sc (Lond)
Pathology, V R Naidu, M B B S M S, M R C P (Lond), D T M & H (Eng) F A S C P
Physiology S Hiriyannaiah B A, M B B S
Hygiene B N Lingaraju, M B B S D P H M P H
Pharmacology, G S Raghunatha Rao, B Sc, M B B S, D Phil (Oxon)

Part time Professors (Medical College)

Medicine Basavaraj Urs B Sc, M B B S D I M & H, F F P S
S V Govinda Setty B Sc, M B B S, M R C P (Lond)
Surgery M Anthikesavalu, M B B S M S (Surgery), M S (Lxp Surgery) F R C S (Canada)
Midwifery Smt M G Hanumattekar M D (Bom)
Gynaecology, Smt Lalitha Lingiah M B B S, M S
Ophthalmology, M B Sundara Rao M B B S, D O M S
Forensic Medicine Charles D Souza B Sc, M B B S, M S (Path), D B (Manc)

Teachers College

Education A C Deve Gowda M A (Col) B T, M Ed (Leeds), Dip Edn C Rangachar B Sc M Ed (Leeds) O O D, K R K Ananthan M A (Glas) M Ed (Leeds)

HIGH SCHOOLS IN BANGALORE CITY

Government High School Fort
Government Central High School
Government Boys High School Malleswaram
Vani Vilas Institute (Govt Girls)
Malleswaram High School (Govt Girls)
Ghijamma Mukundadas Girls High School Basavangudi (Govt)
Chamarajapet High School (Municipal)
Malleswaram High School (Municipal)
United Mission High School (Aided, Boys)
S I N High School (Aided Boys)
Seshadripuram High School (Aided Boys)
Acharya Patasala (Aided, Boys)
National High School (Aided Boys)
Bangalore High School (Aided Boys)
Aryavidyasala High School (Aided Boys)
Gandhinagar High School (Aided Boys)
Rashtriya Vidyalaya High School (Aided Boys)
London Mission Girls High School (Aided)
Mahilasva Samaja High School (Aided)
St Theresa's Girls High School (Aided)
Acharyapatasala Girls High School (Aided)
Maharashtra Mahila Vidyalaya High School (Aided)

HIGH SCHOOLS IN BANGALORE DISTRICT

Government Boys High School, Channapatna
Government High School for Girls, Channapatna
Yelahanka Municipal High School
Anekal Municipal High School
Dodballapur Municipal High School
Ramanagaram Municipal High School
Magadi Municipal High School
Hosakote Municipal High School
Nelamangala Municipal High School
Thyamagondlu (Nelamangala Taluk) Municipal High School
Vijayapura (Devanahalli Taluk) Municipal High School
Devanapalli Municipal High School
Kanakapura Municipal High School
Varthur High School Bangalore South Taluk (Dist Bd)
Rural High School, Kanakapura (Dist Bd)
Kudur High School Kudur Magadi Taluk (Dist Bd)
Jayabharathi Co operative Society High School, Attibele (Private)

HIGH SCHOOLS IN CHIKMAGALUR DISTRICT

Government High School, Chikmagalur (Boys)
Government High School Mudigere (Boys)
Kadur High School (Municipal)
K L K High School, Birur (Municipal)
Tarikere High School (Municipal)
Lokaseva Vratha Sri M S Dyavegowda s Municipal High School, Koppa, Kadur
Sringeri High School (Municipal)
Narasimharajapura High School (Dist Bd)
Shivane High School (Dist Bd)
Panchanahalli High School (Dist Bd)
High School Ajjampura Tarikere Taluk (Aided, Boys)
St Joseph's Convent Girls High School (Aided)

HIGH SCHOOLS IN CHITALDRUG DISTRICT

Government High School, Chitaldrug (Boys)
Government High School, Davangere (Boys')
Government High School, Molakalmuru (Boys)

Government High School, Turuvanur (Boys)
Government High School, Mayakonda (Boys)
Government High School Chitaldrug (Girls)
Government High School Davangere (Girls')
Municipal High School, Chitaldrug
Municipal High School, Davangere
Sri Bisaneer Muddappa High School Challakere (Municipal)
Sri Rajanahalli Muddurayappa High School Harihar (Municipal)
Sri Malladihalli Madanna High School, Holalkere (Municipal)
Municipal High School, Jagalur
Municipal High School, Hosadurga
Municipal High School Hiriyur
District Board High School, Maradihalli, Hiriyur Taluk
District Board High School, Kodaganur, Davangere Taluk
District Board High School, Srirampura, Hosadurga Taluk
District Board High School, Parasuramapura
District Board High School, Malebennur (Un-aided)
Sri Mothiveerappa High School, Davangere (Aided, Boys)
Sri Taralabalu Jagadguru High School, Sirigere (Aided, Boys')
Rastreeya Proudsirdyasala, Malladihalli, Holalkere Taluk (Aided, Boys)
St Paul's Convent Girls High School (Aided), Davangere

CIVIL AREA, BANGALORE

Municipal High School, Blackpalli
St Joseph's Indian High School (Aided Boys)
R B A N M S Indian High School (Aided, Boys)
St Aloysius Indian High School (Aided Boys)
St Joseph's European High School (Aided, Boys)
Bishop Cotton Boys High School (Aided Boys)
Baldwin Boys High School (Aided, Boys)
Clarence High School (Aided, Boys)
Fr St Germain High School (Aided Boys)
St Euphrasia's Girls High School (Aided)
Goodwill Girls High School (Aided)
Smt Rajamma Thambuchetty Girls' High School (Aided)
Smt Kamala Bai Girls High School (Aided)
Bishop Cotton Girls High School (Aided)
Baldwin Girls High School (Aided)
Sacred Heart Girls High School (Aided)
St Francis Xavier's Girls High School (Aided)

HIGH SCHOOLS IN HASSAN DISTRICT

Government High School Hassan (Boys)
Government High School Kantharajapura (Boys)
Government High School for Girls, Hassan
Government High School for Girls, Holenarasipur
Municipal High School Hassan
Municipal High School Holenarasipur
Municipal High School, Arsikere
Municipal High School, Arkalgud
Municipal High School Saklespur
Municipal High School, Belur
Sri Belagode Shamiah Setty High School, Konanur, Arkalgud Taluk (Municipal)
District Board High School, Gorur Hassan Taluk
Sri Jayachamarajendra High School, Doddamettikurke, Arsikere Taluk (Dist Bd)
District Board High School, Nuggehalli, Channarayapatna Taluk
District Board High School, Rayankoppal, Alur Taluk
District Board High School, Yeslurpet
District Board High School Alur
District Board High School, Basavapatna
High School, Channaravapatna (Aided, Boys)
S S K B M High School, Shantigrama (Aided, Boys)

HIGH SCHOOLS IN KOLAR DISTRICT

Government Boys' High School, Kolar
Government Boys' High School, Chikballapur
Municipal High School, Chintamani
Municipal High School, Bangarpet
Robertsonpet (K G F Sanitary Board Boys' High School) (Municipal)
Municipal High School, Mulbagal
Municipal High School, Malur
K G F Sanitary Board Girls' High School, Robertsonpet, K G F (Municipal)
Sri Virupakshappa High School, Sidlaghatta (Municipal)
District Board High School, Bagepalli
District Board High School, Srinivasapur
District Board High School, Gudibanda
Acharya High School, Goribidanur (Aided, Boys')
St Mary's Boys' High School Champion Reefs (Aided)
High School Manchenapalli, Goribidnur Taluk (Aided Boys')
Methodist Girls' High School, Kolar (Aided)

HIGH SCHOOLS IN MANDYA DISTRICT

Government High School, Mandya (Boys')
Government High School, Nagamangala (Boys')
District Board High School, Aghalaya
District Board High School, Santhebachehalli
Sugar Colony High School, Mandya (Dist Bd)
Vijaya High School Pandavapura (Aided, Boys')
Sugar Colony High School, Mandya (Aided, Boys')
St Joseph's Convent Girls High School, Mandya (Aided)
Sri Yadusaila High School, Tirunarayanapura, Melkote (Private)

HIGH SCHOOLS IN MYSORE CITY

Maharaja's High School (Govt, Boys)
Government Marimallappa's Practising High School (Boys')
Maharani's High School (Govt, Girls)
Christ the King Convent (Aided, Girls)
Convent English Girls High School (Aided)
St Mary's High School, Chamundipuram (Aided, Girls')

HIGH SCHOOLS IN MYSORE DISTRICT

Government High School, Nanjangud (Boys')
Municipal High School, Chamarajanagar
Municipal High School Hunsur
Municipal High School, Saligrama (Krishnarajanagar Taluk)
Sri Doddahundi Bhogappa High School Gundlupet (Municipal)
Sri Krishnarajendra High School, Krishnarajanagar (Municipal)
Municipal High School, Yelandur
Municipal High School, Malavalli
Municipal High School, Krishnarajapet
Municipal High School, Mandya
Municipal High School, Maddur
Srirangapatna (Sri C S Mariappa High School) (Municipal)
Sri Ankanahalli L Kempe Gowder's Municipal High School, Bellur Nagamangala Taluk
District Board High School, Bettadapura, Periyapatna Taluk
District Board High School, Saragur, Heggadadevanakote Taluk
District Board High School, Bannur
District Board High School, Periyapatna
District Board High School, Kabbahalli
District Board High School, Chunchanakatte
District Board High School, Thalakad (Un aided)
District Board High School Ravandur (Un aided)
District Board High School, Devanur (Un aided)
District Board High School, Kuderu (Un aided)
Hardwicke High School (Aided, Boys)
D Banumaiah's High School (Aided, Boys)
Maharajas High School (Aided, Boys')
Saradas Vilas High School (Aided, Boys')
St Philomena High School (Aided Boys)
Dalvey's High School (Aided Boys)
Vidyodaya Rural High School T Narsipur (Aided, Boys')
Vidyavardhaka High School Mandi Mohalla (Aided Boys)

HIGH SCHOOLS IN SHIMOGA DISTRICT

Government High School Shimoga (Boys)
Government High School, Thirthahalli (Boys)
Government High School, Hosanagar (Boys)
Government High School Anavatti (Boys')
Boys High School Bhadravati (Municipal)
Branch, Boys High School Old Town Bhadravati (Municipal)
Municipal High School, Sagar
Municipal High School, Shiralkoppa (Shikaripur Taluk)
Municipal High School, Honnali
Municipal High School, Nyamathi (Honnali Taluk)
Municipal High School Shikaripur
Municipal High School, Channagiri
Municipal High School, Sorab
District Board High School, Santhebinnur, Channagiri Taluk
District Board High School Tyavanige
District Board High School, Kogalur
District Board High School, Megaravalli
District Board High School, Kulambi Kunder (Un aided)
District Board High School, Anandapura (Un aided)
National High School (Aided, Boys')
Girls' High School, Bhadravathi (Aided)
Mary Immaculate Girls' High School (Aided)

HIGH SCHOOLS IN TUMKUR DISTRICT

Government Boys' High School, Tumkur
Government Boys High School, Madhugiri
Government Boys' High School, Tiptur
Government Boys High School, Koratagere
Empress Girls High School, Tumkur (Govt)
Girls' High School, Tiptur (Govt.)
Municipal High School, Gubbi
Municipal High School, Sira
Municipal High School, Pavgada
Municipal High School, Turuvekere
District Board High School, Godekere, Chiknaikanahalli Taluk
District Board High School, Nonavinakere, Tiptur Taluk
District Board High School, Nagavalli.
District Board High School, Huliyur
District Board High School, Midigesi
District Board High School, Kadaba

Sri Siddaganga High School, Tumkur (Aided, Boys')
Aryan High School (Aided Boys')
Desiyavidya Peetah High School, Chiknaikanahalli (Aided Boys')
Mahatma Gandhi High School, Kunigal
Nehru High School, Amruthur (Private)
High School, Huliyurdurga (Private)
Ganapathi High School, Hebbur (Private)

TRADE AND COMMERCIAL ASSOCIATIONS IN MYSORE STATE

Mysore Chamber of Commerce, Kempegowda Road, Bangalore
Mysore Silk Association, Chamarajpet, Bangalore
Bangalore Piecegoods Merchants' Association, Chickpet, Bangalore
Shimoga District Merchants' Association, Shimoga
Mysore Silk Cloth Merchants' Association (Wholesale), Avenue Road, Bangalore
Licensed Electrical Contractors' Association, Avenue Road, Bangalore
Mysore Raw Silk Merchants Association Avenue Road, Bangalore
Jewellers' Association, Nagarthpet, Bangalore
Mysore Silk Manufacturers' Association (Power Looms), Jumma Masjid, Bangalore
Bangalore Wholesale Cloth Merchants' Association, Chickpet, Bangalore
Mysore Silk Handloom Weavers Association, Jumma Masjid Road, Bangalore
Mysore Insurance Guild, Bangalore 2
Mysore Oodubathi Manufacturers Association, Kempegowda Street, Bangalore
Mysore Film Chamber of Commerce Subedar Chatram Road, Bangalore
Bangalore Ready Made Dress Manufacturers Association, Chickpet, Bangalore
Bangalore Trades Association St Mark's Road Bangalore
Bangalore Grain Merchants Association Chamarajpet, Bangalore
Davangere Trades Association, Davangere
Radio Merchants' Association, 6 D, Brigade Road, Bangalore
Stationery Merchants' Association, Dodpet, Bangalore 2
Indian Coffee Board, Kempegowda Road, Bangalore
Grain Mandi Merchants Association, Shimoga
Merchants Association Mandya
Mysore Automobile Dealers Association, Sri Narasimharaja Road, Bangalore
Cycle Dealers Association Sri Narasimharaja Road Bangalore
Mysore Small Scale Industries Association, Cottonpet Main Road, Bangalore
Tobacco Wholesale Merchants' Association, Avenue Road, Bangalore
Mysore State Beedi Manufacturers Association, 28, Mohamadan Block, 4th Cross, Chamrajpet, Bangalore
Bangalore Commercial Association Bangalore
Cocoanut Merchants Association Bangalore
Hindu Hotels Association, Bangalore City
Chemists and Druggists Association, Bangalore 2
Mysore Bankers' Association, Bangalore
Concrete Association of India, Sri Narasimharaj Road, Bangalore

THE BANGALORE WHOLESALE CLOTH MERCHANTS ASSOCIATION

Rukmini Building, Chickpet, Bangalore City

Nature of Body Commercial
President, Jeenabhai Davidoss
Vice President, Abdulla Noor Mohamed
Hon Secretary, T S Venkataramiah
Hon Joint Secretary, P Sampangiramiah Setty

THE CHEMISTS' AND DRUGGISTS' ASSOCIATION

C/o Kalyan Pharmacy, 3, 4 & 5, Market Frontage, Bangalore 2

Nature of Body Commercial
President, Dr P T A Chetty
Vice President, B Rudrappa
Secretary, K V Sampath

THE DAVANGERE TRADES ASSOCIATION

Davangere City

Nature of Body Commercial
President Yajaman Mothi Doddappa
Joint Secretaries, S H Kabanna and Kasala Gopalakrishna Setty

MYSORE CHAMBER OF COMMERCE

Kempegowda Road, Bangalore

Nature of Body Commercial
President, M V Krishna Murthy, B A
Vice-President, Dharmaprakass M V Veerappa,
Secretary, G N Krishna Murthy, M A

THE MYSORE FILM CHAMBER OF COMMERCE

60 Subedar Chatram Road Bangalore 2

Nature of Body Commercial
President, Rukn ul Mulk S Abdul Wajid
Vice Presidents B H Tarapore and R N Rawell
Honorary Secretary, M Sadananda Rao

THE MYSORE NON FERROUS METAL MERCHANTS' ASSOCIATION

71, Sri Narasimharaja Road, Bangalore City

Nature of Body Commercial
President N K Shah
Secretary C Misrimal

THE MYSORE SILK CLOTH MERCHANTS' ASSOCIATION (WHOLESALE)

Avenue Road, Bangalore 2

Nature of Body Commercial
President C Chickavenkatappa
Vice President, K Venkatachalapathy
Honorary Secretary, D Sreeramulu

SOCIAL, CULTURAL, LITERARY, RELIGIOUS, ETC ASSOCIATIONS

Rotary Club of Bangalore, 36, Residency Road Bangalore
Mysore Civil Services Association, Old Public Offices, Bangalore
Mysore Engineers Association, Post Office Road, Bangalore
Mysore Non Gazetted Officers' Association, Cubbon Park, Bangalore
Indian Institute of Culture, 6, North Public Square Road, Basavanagudi, Bangalore
Gokhale Institute of Public Affairs Basavanagudi, Bangalore
Mysore State Journalists Association, District Office Compound, Bangalore
Shorthand Writers Association, District Office Compound, Bangalore
Bangalore City Institute, Fort South Gate, Bangalore
United Lodge of Theosophists, Sir Krishna Rao Road Basavanagudi, Bangalore
Young Men's Christian Association, Cenotaph Road, Bangalore
Young Men's Christian Association, Civil Station, Bangalore
Anglo Indian Association 5 B, Magrath Road Bangalore
Malleswaram Ladies Association, 15th Cross Malleswaram, Bangalore
Seva Sadan 14th Cross, Malleswaram, Bangalore
Kannada Sahitya Parishat 4, Harding Road Chamarajpet Bangalore
Mysore Medical Association, Victoria Hospital, Bangalore
Mysore State Ayurvedic Congress, Jayachamarajendra Institute of Indigenous Systems of Medicine Bangalore
Ex Servicemen's Association, 9 Main Road, Munireddipalyam, Bangalore
Sri Kasturba Gandhi Hindi Shikshana Shala III Main Road, Chamarajpet, Bangalore
Mysore Hindi Sahitya Parishat, Chamarajpet, Bangalore 2
Mysore Riyasat Hindi Prachar Samithi III Road Basavanagudi Bangalore
City Institute, Bangalore
Ashakta Poshaka Sabha, Bangalore
Anatha Sisu Sevashram, Bangalore
Association for Moral and Social Hygiene and Eradication of Social Vice and Prostitution, Bangalore
Amateur Dramatic Association, Bangalore
Central Unani Medical Practitioners' Association, Nagarthpet
Central College Old Boys Association, Bangalore
Indian Christian Association, Bangalore
Law Association, Bangalore
Bangalore Literary Union, Bangalore
Maharashtra Mandal, Gandhi Nagar, Bangalore
Maharashtra Mahila Mandal, Basavanagudi, Bangalore
Mysore Provincial Harijan Sevak Sangh, Bangalore
Bangalore Soldiers', Sailors' and Airmen's Board, Civil Station Bangalore
Dakshin Bharat Shri Jain Swesankar Sangh, Bangalore City
Bangalore Dairy Cattle Society, Mysore Road, Bangalore
Bangalore Gayana Samaj, Bangalore
Bangalore Music Academy, Bangalore
Mysore Sanskrit Academy, Bangalore
Mysore State Branch of Red Cross Society, Bangalore 4
Catholic Club, Civil Station, Bangalore
Kurubara Sangh, Bangalore
Mahila Sewa Samaj, Bangalore
Sharada Stri Samaj, Bangalore
Free Masons Lodge, Civil Station, Bangalore
Giri Guides Headquarters, Bangalore
Servants of India Society, Basavanagudi, Bangalore
Sindhi Refugee Union, Commercial Street, Bangalore
Mythic Society, Bangalore
Bharat Scouts, Bangalore
Mysore State Commercial Institutes Association, Bangalore

Mysore State Women's Conference Bangalore
Mysore Children's Aid Society, Bangalore
Mysore Civil and Social Progress Association, Bangalore
Mysore Discharged Prisoners Aid Society, Bangalore
Mysore Horticultural Association, Lalbaug Bangalore
Mysore Inamdars Association Bangalore
Universal Buddha Society, Bangalore
National Education Society Bangalore
Sri Ramakrishna Students Home, Basavanagudi, Bangalore
Bangalore Ratepayers Associations, Bangalore
Kanara Union, Malleswaram Bangalore
Varadachar Memorial (Dramatic) Club, Bangalore
Central Mohammedan Association, Arcot Srinivasachar Street, Bangalore
Theosophical Society, Bangalore
Parsi Anjuman Club, Civil Station Bangalore
U K Citizens Association Bangalore
Bangalore Arts Society Bangalore
Vakkaligara Sangh, Bangalore
Mysore Photographic Society, Bangalore
Mysore State Wild Life Committee, Bangalore
Law Association Closepet

BANGALORE CLUB

38 Residency Road Bangalore 1

Nature of Body Social
President Brig R C R Hill, D S O
Vice President, U K Somappa
Secretary, O E Windle O B E

THE BAR ASSOCIATION

Mysore

Nature of Body Legal
President H Subba Rao B A, B L
Honorary Secretary, M R Narayana Swamy, B A, L L B, Advocate
Honorary Joint Secretary, P M Chikka Boraiah, B A B L

THE BIBLE SOCIETY OF INDIA, PAKISTAN & CEYLON

Office —A/1, Mahatma Gandhi Road, Bangalore 1, South India

The Society in its present form was founded in November 1944 and carries on the work of the British and Foreign Bible Society, the National Bible Society of Scotland and the American Bible Society in *India, Pakistan* and Ceylon

The Society has offices in Calcutta, Bombay, Madras Bangalore, Allahabad Lahore, Colombo Secunderabad and Delhi The Headquarters of the Society are at Bangalore

Business Manager P P Ramage

General Secretary for India, Pakistan and Ceylon —P Mahanty, M A

EBENEZER BAPTIST CHURCH

12 Commissariat Road Bangalore

Nature of Body Religious
Secretary and Treasurer H C Gibson
Sunday School Superintendent, Miss L M Hawks

THE INDIAN ACADEMY OF SCIENCES

Hebbal P O, Bangalore 6

Nature of Body Scientific
President, Sir C V Raman
Secretary for Section A Principal B S Madhava Rao
Secretary for Section B, Dr C S Pichamuthu

INDIAN INSTITUTE OF CULTURE

6 North Public Square Road, Basavanagudi, Bangalore City

Objects (1) To establish a Centre affording opportunities for cultural and intellectual development, (2) To spread correct ideas on education, especially of adults and of youth (3) To promote exchange of thoughts among the various States of India and other countries of the world towards establishing true national and inter national concord and co operation

For the furtherence of these objects, the Indian Institute of Culture has had since August 1945 a Cosmopolitan Home, and since the opening of its free public library in July 1947, has had a regular weekly programme of lectures on a wide variety of cultural subjects, alternating with discussion group meetings, at each of which an outstanding recent book is orally reviewed and then discussed or a paper specially sent for the purpose is read and its points considered

In 1951 a new building was erected in the Institute's grounds, housing the growing free library and offices and providing an auditorium seating 300

Numerous lectures, papers read and book reviews have appeared in *The Aryan Path*, the Institute's monthly organ

Membership is open to all
President, Council of Management, B P Wadia
Honorary Secretary, Dr I S Doraswami, M Sc, Ph D, F A Sc

INDIAN INSTITUTE OF SCIENCE

Bangalore 3

The Institute owes its origin to the munificence of J N Tata, whose plan for establishing a Research Institute, was brought to fruition after his death by the generosity of his two sons, Sir Dorabji Tata and Sir Ratanji Tata, supported by the Government of India and the Government of Mysore The Institute began work in July 1911 with the two fold object of advanced instruction and research in science and engineering

The departments of the Institute provide facilities for post graduate research in Inorganic Chemistry, Physical Chemistry, General Chemistry, Organic Chemistry Bio chemistry, Physics, Aeronautical Engineering Internal Combustion Engineering, Metallurgy, Power Engineering (Electrical, High Voltage, Mechanical, and Civil and Hydraulic Engineering), Electrical Communication Engineering, and Chemical Technology and Chemical Engineering

There is also provision for post graduate instruction in Aeronautical Engineering Internal Combustion Engineering Metallurgy, Power Engineering (Electrical Mechanical and Civil and Hydraulic Engineering), Electrical Technology, Electrical Communication Engineering and Chemical Engineering, and for background teaching in Economics and Social Sciences, French and German The departments are well equipped and have adequate staff

The Library of the Institute contains about 47,625 volumes of current journals and books

Conferments Diplomas (D I Sc) are awarded by the Council on the recommendation of the Senate to students who have completed satisfactorily courses of studies approved by the Senate

Associateships (A I Sc) equivalent to 1st Class M Sc, degree of a University are awarded by the Council on the recommendation of the Senate to students possessing prescribed minimum qualifications who have devoted a minimum of five consecutive terms entirely to research and have presented a thesis of the work done during the period

Memberships (M I Sc) equivalent to the Ph D, degree of a University are awarded by the Council on the recommendation of the Senate to students who are Associates or who hold Diploma of the Institute in Power Engineering or a 1st Class M Sc, or M Sc, by research and who have devoted three terms entirely to research and have submitted thesis of the work approved by the Senate

Fellowships (F I Sc) equivalent to D Sc, degree of a University are awarded by the Council on the recommendation of the Senate and with the previous approval of the Visitor to members who have spent three years at the Institute or in actual practice and have done original and valuable research work or made an outstanding contribution to the advancement of scientific or industrial knowledge and to Associates who have spent four years at the Institute or in actual practice and have produced similar work or made similar contribution

Honorary Fellowships of the Institute may on the recommendation of the Council, be conferred by the President of India who is the Visitor of the Institute on persons who have attained eminence in the field of science or industry or who have rendered signal service to the Institute

The scientific work of the Institute is recorded in the Journal of the Indian Institute of Science, published every quarter in January, April, July and October

Visitor The President of India
Chairman of the Governing Council, Sir Vithal N Chandavarkar, Kt, M A, Bar at Law
Director, Prof M S Thacker, B Sc (Engg), M I E E, F Am I E E, M I E (Ind), M Inst F, M I R E, F A Sc, etc
Registrar A G Pal, M A (Cantab)

MYSORE STATE ADULT EDUCATION COUNCIL

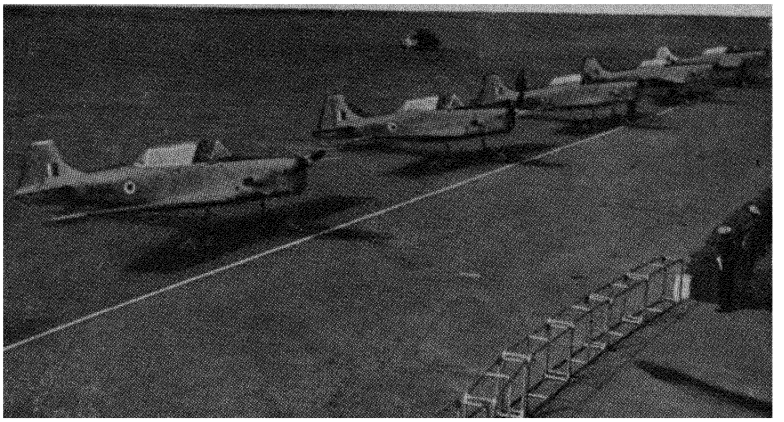
1253, Krishnamurthipuram, Mysore

Nature of Body Literary and Social
President T Madiah Gowda, B A, L L B, M P
General Secretary N Bhadraiah
Chief Executive Officer T V Thimme Gowda, B Sc, B T, M A (Lond)

THE MYSORE STATE EDUCATION LEAGUE

Government High School for Boys,
Malleswaram, Bangalore 3

Nature of Body Literary
President J B Mallaradhya, M A, I A S, Director of Public Instruction in Mysore, Bangalore.



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MYSORE STATE JOURNALISTS' ASSOCIATION

Kempe Gowda Road, Bangalore City

Nature of Body Literary
President K S Ramaswami
Vice President S V Jayaseela Rao
Honorary Secretary K N Doraswami

STATIONERY, CUTLERY & GENERAL MERCHANTS ASSOCIATION

C/o Messrs C R & Bros, 201 202, Avenue Road, Bangalore 2

Nature of Body Social
President C D Gopala Iyengar
Honorary Secretary C Rudrappa, B A
Honorary Treasurer L Sohanraj

PRINCESS KRISHNAJAMMANNI SANATORIUM

V V Mohalla, Mysore

Nature of Body Medical
Superintendent Dr S Narayana Setty, M B B S, L R C P, M R C S, T D D (Wales)
Resident Medical Officer Dr V Sanjeeva Rao, B Sc M B B S, M A C P (Chest) T D D (Wales)

SOUTH INDIA UNION MISSION OF SEVENTH DAY ADVENTISTS

9 Cunningham Road, Box 20, Bangalore 1

Nature of Body Religious
President O O Mattison
Secretary I K Moses
Treasurer D O Calkins

ST JOHN'S CHURCH

Bangalore

Nature of Body Religious
Chaplain Rev William L Holder I Th
Honorary Secretary Mrs L Harvey

ST JOSEPH'S CHURCH

Chamarajpet, Briand Square, Bangalore 2

Nature of Body Religious
Parish Priest Rev W M Texeira

ST PAUL'S CHURCH

Hospital Road, Bangalore 1

Nature of Body Religious
Priest The Rev A S Lokapathy
Deacon The Rev D Jacob

BANGALORE DISTRICT & CIVIL STATION

Headquarters Bangalore
Number of Talukas 1 leven

The area of the District is 3 137 9 sq miles and the population is 2,127,061 The average rainfall is 30 95 inches The District has a forest area of 314 1 sq miles

Bangalore is the headquarters It is 26 sq miles in area and has a population of 778,977 It is a centre of many State owned and private industries, such as soap porcelain insulators, electrical transformers, gas mantles gas lamps, glassware, pharmaceutical products, vegetable oil products, chrome tanned leather, nakki, gotta and lametta Some of these industries are being carried on on a cottage industry scale There are also woollen and cotton and silk mills

Channapatna is situated to the south west of Bangalore on the Bangalore Mysore Railway It has a population of 24 041 The town is noted for the manufacture of lacquer toys and the drawing of wire for musical instruments It is also a centre for sericulture in the State It contains a Government Silk Farm and the Mysore Spun Silk Mills, a Government aided enterprise Large quantities of cocoa nuts and betel leaves are produced in the town Considerable quantities of mangoes are also exported

Chickballapur is a Taluka Headquarters town, 36 miles north west of Kolar on the Bangalore Bellary road It has a population of 20,219 and is a centre for potatoes, onions, jaggery, and groundnuts There are three groundnut decorticating factories in the town and 20 rice and flour mills There are also about 20 power looms and an equal number of handlooms manufacturing silk and cotton fabrics Twenty wholesale merchants in the town carry on trade with Madras and Ceylon

Tiptur is a Taluka Headquarters town, 48 miles from Tumkur on the Bangalore-Harihar line There are 60 wholesale merchants carrying on a busy trade in cocoanut and copra, with Bombay and Bangalore 12 000 tons of cocoanut and copra are annually exported

ADMINISTRATIVE PERSONNEL

Deputy Commissioner and District Magistrate, T Rangamalliah, B Sc I A S
District Agricultural Officer, N Narasimhiah, B Sc (Agri)
Assistant Registrar of Co operative Societies, S Rama Rao, B A
Executive Engineer, Bangalore Division, F Hutchveeriah, B E
District Forest Officer Bangalore, J P Mascarenhas, B Sc
District Health Officer, Bangalore, K Rama Rao, B Sc, M B B S
District Medical Officer, Bangalore, A Rangaswamy, M B B S
Sales Tax Officer, K S Srinivasan, B A, B Com
District and Sessions Judge, Bangalore Dn, K N Padmanabhiah, B A, L L B
District Superintendent of Police, Bangalore, M Jai Singh, I P S
District Superintendent of Police, Bangalore City Albert Manoraj, B A, B L
Inspector of Schools, T Vasudeviah, M A, Dip Edn (Leeds)
District Educational Officer, Bangalore, D R. Narayana Rao, B A, B T

TECHNICAL INSTITUTIONS

Government School of Engineering, Bangalore Civil, Mechanical, Electrical Engineering, diploma and certificate courses of 3 years duration

Agricultural School, Hebbal Bangalore

Medical School Bangalore City

Industrial School, Channapatna	Smithy, lacquerware, leather-goods and button making
Industrial School, Chickballapur	Carpentry and cotton weaving
Industrial School, Doddballapur	Carpentry and cotton weaving
Industrial School Nelamangala	Weaving and lacquerware

Occupational Institute, Bangalore City Same lines as Polytechnic of Bombay

Sacred Heart Training School, Shoolay, Bangalore Civil Station

RESEARCH INSTITUTIONS

The Indian Dairy Research Institute, Bangalore is an educational and a research institution run by the Ministry of Agriculture Government of India On the education side there are two courses in Dairying *viz* Indian Dairy Diploma and Short courses The Institute has four main sections, Dairy Husbandry, Dairy Chemistry, Dairy Bacteriology, and Dairy Technology Honorary Research workers are also entertained and facilities given to carry out research work

Sir C V Raman's Institute of Physics, Hebbal, Bangalore

The Laboratories of the Department of Agriculture, Bangalore

CLUBS IN BANGALORE

Century Club Cubbon Park, Bangalore
Basavanagudi Union and Services Club, Bangalore
Basavanagudi Union and Ladies' Club
Recreational Club, Malleswaram
Babu Reddy's Police Club, I G P Office, Bangalore
Bowring Institute, St Mark's Road, Bangalore
Bangalore Race Club, Bangalore
Bangalore Club, Civil Station, Bangalore
Bangalore Golf Club, Bangalore
Mysore State Cricket Association, Bangalore
Mysore State Hockey Association, Bangalore
Mysore State Football Association, Bangalore

LIBRARIES IN BANGALORE

Public Library, Cubbon Park, Bangalore
Kannada Sahitya Parishat (Library), Bangalore
Gandhi Sahitya Sangh, Malleswaram, Bangalore
U S I S Library, Sri Narasimharaja Road, Bangalore

CINEMA HOUSES IN BANGALORE

Asoka Talkies, Bangalore Civil Station
Bharat Talkies, Bangalore City
Central Talkies, Bangalore City
City Talkies, Bangalore City
Elgin, Bangalore Civil Station
Geetha, Bangalore City
Himalaya, Bangalore City
Jai Hind Talkies, Bangalore City
Kempe Gowda Talkies Bangalore City
Lakshi Talkies Bangalore City Station
Minerva Talkies, Bangalore City
Movieland Bangalore City
New Empire Bangalore Civil Station
New Globe Bangalore Civil Station
New Imperial, Bangalore Civil Station
Palace Talkies Bangalore Civil Station
Paramount Talkies, Bangalore City
Plaza Bangalore Civil Station
Rajeshwari Bangalore City
Regal, Bangalore City
Rex, Bangalore Civil Station
Roopamahal, Bangalore Civil Station
Sharada, Bangalore City
Shivaji, Bangalore City
Shree, Bangalore Civil Station
States, Bangalore City
Super Bangalore City
Swastik, Bangalore City
Vijaya Bangalore City

HOSPITALS IN BANGALORE

Victoria Hospital City Market Square Bangalore
Vani Vilas Hospital Fort, Bangalore
Maternity Hospital Malleswaram Bangalore
Mental Hospital, Hosur Road Bangalore
Minto Ophthalmic Hospital, Albert Victor Road Bangalore
Leper Asylum, Bangalore
St Theresa s Tuberculosis Hospital Bangalore
Bowring Hospital, Hospital Road Bangalore
Lady Curzon Hospital Hospital Road, Bangalore
Hajee Sir Ismail Sait Cosha Hospital, Tasker Town, Bangalore
Isolation Hospital Old Madras Road Bangalore
St Philomena's Hospital, Bangalore 1
St Martha s Hospital, Kempegowda Road, Bangalore
Jail Hospital, Bangalore
Epidemic Diseases Hospital, Bangalore
Santhabai Deva Rao Shivaram Sanatorium, Bangalore
Zenana Mission Hospital, Col Hill Road, Bangalore
Tuberculosis Sanatorium, Bangalore 1

HOTELS

Central Hotel, Queen Statue Circle, Bangalore Civil Station
High Ground Hotel, High Ground, Bangalore Civil Station
Joyburn Guest House, 29, Infantry Road, Bangalore Civil Station
Kingston Guest House, 15, Richmond Road, Bangalore Civil Station
Ivender's Hotel, Cubbon Road, Bangalore Civil Station
Manel Guest House, 11 C, St Marks Road, Bangalore Civil Station.
Shilton House, 1, Grant Road, Bangalore Civil Station
West End Hotel, Race Course Road, Bangalore Civil Station
Bombay Ananda Bhavan Boarding & Lodging House, 1, Old Goor House Road, Bangalore Civil Station
National Boarding & Lodging House, 52, Veerapillai Street, Bangalore Civil Station
Saraswati Vilas Boarding & Lodging House, 55, Jeweller's Street, Bangalore Civil Station
Subramania Vilas, 124, Veerapillai Street, Bangalore Civil Station
Bombay Ananda Bhavan Boarding House, Chickpet, Bangalore City
Brindavan High Grounds, Bangalore City
Sastry s Hotel, Chickpet, Bangalore City
Malabar Lodge, Rameshawar Temple Street, Chamarajpet, Bangalore City
Modern Hindu Hotel, Seshadri Road, Bangalore City
Modern Indian Lodge, Platform Road, Bangalore City
Neo Mysore Cafe & Boarding House, Kempegowda Road, Bangalore City
New Malabar Lodge, Balepet, Bangalore City
Prabhat Boarding & Lodging House, Chickpet, Bangalore City
Udipi Brahmins Hotel, Chickpet, Bangalore City

TRAVELLERS' BUNGALOWS

Robertsonpet, Bangalore
Whitefield, Bangalore

SPINNING AND WEAVING MILLS

angalore Woollen, Cotton and Silk Mills Co , Ltd — Agraram Road, Bangalore City

linerva Mills, Ltd — Messrs Binny & Co (Madras), Ltd , Secrs , Treas & Agents, 7, Armenian Street, Madras

lysore Spinning and Manufacturing Co , Ltd — Messrs N Sirur & Co , Ltd , Mg Agents, Temple Bar Building, 70, Forbes Street, Fort, Bombay — Bangalore City, Venkatarangaiengar Road, Malleshwaram, Bangalore City

ri Krishna Weaving Mills — Messrs Yadalam Subbiah Setty & Sons, Proprietors, Chickpet, Bangalore City — Subramanyapura, Kengeri Post, Uttanhalli

hree Suryodaya Mills (formerly Bangalore Spinning and Weaving Mills) — Messrs Rama Settiar and P S Sathappa Chettiar, Proprietors, Office on Mill premises — Yeshvantpur, Bangalore City

R Mills — D R. Madhava Krishnaiya, Owner, Office on Mill premises — Chamarajpet, Bangalore City

anesh Textile Mills —Davangere

ankara Textile Mills —Davangere

*

MYSORE DISTRICT

Headquarters Mysore

Number of Talukas Ten

The area of the District is 3,700 3 sq miles and the population is 1,284,771 The District has an average rainfall of 22 inches 34 cents and a forest area of 447 5 sq miles

Mysore, the District headquarters town is also the capital of the State and the residence of the Maharaja It has an area of 12 sq miles and a population of 244,323 It is a paddy growing centre, with several mills for hulling paddy There are a large number of power and handloom industries for weaving cotton and silk fabrics in the town. Sandal wood oil is produced in the Government Sandal Oil Factory There are a few taxidermists in the town An exhibition is held here annually

ADMINISTRATIVE PERSONNEL

Collector and District Magistrate M S Swaminathan I A S
District Agricultural Officer, C M Revanna, B Sc (Hons)
District Co-operative Officer, G Rudrappa, B A, I L B
District Engineer, H Ananthachar, B E, A M I E (superintending Engineer)
District Forest Officer, B H Gulab Singh, B Sc, B Sc (Edn)
District Health Officer, Dr M L Loganathan, M B B S D P H
District Medical Officer, G Venkataramaniah B A L M S
District Sales Tax Officer H S Mallaraj Urs, B A
District and Sessions Judge, G Natarajan, B A, B I
District Superintendent of Police, K S Krishnamurthy I P S
Income tax Officers, K N Rama Murthy M A, B L, S K Fernandis, B A (Hons), I R S
Inspector of Schools, I Thimmiah B A, B T (District Educational Officer)

ASSOCIATIONS

Arasu Mandaliya Sangham, Mysore City Promotion of interests of Arasu community

Ayurveda Vaidya Sangha, Mysore City Promotion of Science of Ayurveda

Chamaraja Mohalla Mahajana Sabha, Chamaraja Mohalla, Mysore City Social and civic service

Hindi Sikshana Samithi, Mysore City
Hindi Prachar Sabha, Mysore City
Mysore Theosophical Society Mysore City
Mysore Bar Association, Mysore City
Mysore Literary Union, Mysore City
Mahila Samaj, Mysore City

CLUBS

Social Club, Holenarsipur
Cosmopolitan Club, Mysore City

HOTELS

Hotel Metropole Mysore City
Hotel Brindavan Brindavan Gardens, Krishnarajasagar
Bombay Anandabhavan Boarding House, Mysore City
Chamundeswarai Bhavan, Mysore City
Dasaprakasa Sivarampet, Mysore City
Garden Cafe, near Clock Tower, Mysore City
Krishna Bhavan Boarding House Mysore City
Modern Hindu Hotel, Viceroy Road, Mysore City

TRAVELLERS BUNGALOWS

Hunsur Town
Krishnarajanagar Town
Seringapatam
Brindavan Gardens, Krishnarajasagar
Thippagondanahalli
Kalhatti
Bababudan Hills

SPINNING & WEAVING MILLS

SRI KRISHNARAJENDRA MILLS LTD, Siddalingapur, Mysore number of Spindles 25,200, Looms 239

KAPILA TEXTILE MILLS LTD, Messrs C P C & Co, Mg Agents, Gandhi Sq, Mysore Mills at Nanjangud, number of Spindles 19,000 Looms 300

BELLARY DISTRICT

Area 3,821 sq miles, *Population* 773,712

District Headquarters Bellary

Talukas 7, Villages 504

Talukas with headquarters in brackets Bellary (Bellary), Hospet (Hospet), Hadagalli (Hadagalli), Sandur (Sandur) Siruguppa (Siri guppa), Kudligi (Kudligi) Harapanahalli (Harapanahalli)

Agricultural products Cotton, groundnut, cholam, korra, sugarcane

Irrigation is confined to the Tungabhadra region The head works of the project are located in Mallapuram (Hospet Taluka) The area irrigated in Bellary by this project will be about 125 000 acres

Minerals Iron, manganese The iron deposits in Sandur are among the richest in India

Industries Cotton carpet making, blanket weaving

There are 17 high schools including two for girls There is one Intermediate College

SCHOOLS

In Bellary

Municipal Hindu High School, Municipal Muslim High School, St John's High School, Wardlaw High School, S J High School, St Philomena s High School (for girls), Government Girls' High School

In Hospet

Municipal High School, Sardar Patel High School, Government Girls' High School

Other schools with their location in brackets are

Board High School (Siruguppa), Government High School (Harapanahalli), 5 Board High Schools respectively at Kudligi, Kottur, Hadagalli, Sandur Kampli

Veerasaiva College (Intermediate), Bellary

COMMERCIAL ASSOCIATIONS

Bellary District Chamber of Commerce, Bellary, Mine owners Association, Bellary, Cloth Merchants Association

CLUBS

Bellary Cosmopolitan Club Bellary Bellary Officers Club, Bellary, Bellary Non Gazetted Officers' Club, Bellary, Hospet Non Gazetted Officers Club, Hospet

HOTELS

Ambha Bhavan Bellary, Royal Cafe, Bellary, Meenakshi Bhavan, Bellary

OFFICIALS

Collector and District Magistrate, K Seshagiri Rao
District Agricultural Officer, M Revanna
District Co operative Officer, H K Chandayya
Executive Engineer (P W D), H N Subba Rao
District Forest Officer, K Subbayya
District Health Officer, Samapath Ayyangar
District Medical Officer, Dr M V Rajanna
District Sales Tax Officer, Narayanaswamy
District and Sessions Judge, G Natarajan
District Superintendent of Police, M G Hebliker
Income tax Officer, L Venkatachari
Inspector of Schools, K Thimmayya

CHIKMAGALUR DISTRICT

Headquarters Chikmagalur

Number of Talukas Seven

The area of the District is 2,771 sq miles and the population 417,538 The District has an average rainfall of 73 45 inches and a forest area, the largest in the State, of 811 5 sq miles

Chikmagalur, the District headquarters town, is 25 miles from Kadur railway station and has a population of 21,744 Coffee cardamom and oranges are the principal commodities produced The town is in the heart of the coffee growing area A coffee curing works called Mysore Coffee Curing Works is established here as well as a warehouse for coffee A number of planters have also settled in this town

ADMINISTRATIVE PERSONNEL

Deputy Commissioner and District Magistrate, M S Shankara Rao, I A S

Executive Engineer, Chikmagalur Division, M A Thirumalachar, B E

District Superintendent of Police, D Vijayadevaraj Urs, I P S

District Medical Officer, Dr B Subbaramiah, M B B S

District Health Officer, Dr S D Narayana Gowda, M B B S, D P H

District Forest Officer, C Jayaram Reddy M.Sc

Assistant Registrar of Co operative Societies, Chikmagalur Division, Chikmagalur Y M Srikantiah, B Com

Assistant Director of Animal Husbandry, B Venkateshaiah, G B V C

District Educational Officer, T Abdul Khudus B A

Assistant Commissioner of Labour, Plantation Division, Chikmagalur, Shivappa, B A

Revenue Sub Division Officer, L Krishna Naik B A

Amildar, Abdul Aziz, B A

Assistant Sales Tax Officer Rudrappa, B A

Assistant Director of Agriculture, Chikmagalur Circle, Chikmagalur, P Basavaiah, B Sc (Agri)

EDUCATIONAL INSTITUTIONS

Intermediate College, Chikmagalur

Industrial School, Chikmagalur Smithy, Carpentry and Rattan work

ASSOCIATIONS

Malnad Land Holders' Association, Koppa

Mysore Planters Association, Bank Buildings, Chikmagalur

Indian Planters Association, Chikmagalur

RESEARCH STATION

Coffee Research Station at Balehonnur Managed by the Indian Coffee Board

PRAVASI MANDIRS

Chikmagalur
Kadur
Tarikere
Narasimharajapura
Koppa
Mudigere
Birur
Kalasa
Ajjampura

CHITALDRUG DISTRICT

Headquarters Chitaldrug

Number of Talukas Nine

The District has an area of 4,161 6 sq miles and a population of 868,370 It has a rainfall of 22 61 inches and a forest area of about 377 sq miles

Commercially the most important town is Davangere, which is also the headquarters of a Taluka It is situated on the Bangalore-Harihar railway line Ragi, jawar, cotton and groundnut are the chief articles of production and trade The town has fifteen cotton ginning factories There are also a number of cotton pressing factories and five weaving mills Large quantities of groundnut cake are exported *via* Marmugao to foreign countries

ADMINISTRATIVE PERSONNEL

Collector and District Magistrate, I V Reddi, LL B (Wales)

Personal Assistant to the Deputy Commissioner and District Treasury Officer, G A Narayana Setty, B A, LL B

Sub Divisional Officer, Samuel Appaji, M A

District Engineer, Chitaldrug Dn, B N Sriharshan, B A, B E

District Forest Officer, Syed Hussain, M Sc, B Sc F (Edn)

District Health Officer, N V Puttabatta, M B B S

District Medical Officer, K S Narayanaswamy, M B B S

First Class Magistrate, M S Bhima Rao, B A, LL B

Second Class Magistrate, G M Marulaiah, B A, I L B

District Munsiff, C S Nanjundiah, B A, B L

District Sales Tax Officer, G S Siddamallappa, B Sc

Assistant Sales Tax Officer (I Circle), H Nanjundappa, B A

Assistant Sales Tax Officer (II Circle), B M Puttamuddappa, B Sc

Assistant Sales Tax Officer (III Circle), T S Venkatappa Gowda, B Sc, LL B

District Educational Officer, M P Nagaraja Rao, B A, B T

District and Sessions Judge, K Gubbaiah, B A, LL B

District Superintendent of Police, M L Chandrasekhar, I P S

Assistant Director of Agriculture, K Basavaraj Urs, L A G

Assistant Registrar of Co operative Societies, H K Chindaiah, B A

SPINNING & WEAVING MILLS

Davangere Cotton Mills Ltd, Messrs R Hanumanthappa & Son, Mg Agents Hanumanthappa Building, Chitaldrug Road, Davangere, Spindles 12,960

Sree Ganesar Textile Mills Ltd, Messrs G Mahadevappa & Bros, Mg Agents, and Secretaries, Davangere, Spindles 25,000, Looms 800

Sree Shankara Textile Mills Ltd, Messrs Murugharajendra & Co, Mg Agents, Davangere, Spindles 25,000, Looms 500

EDUCATIONAL INSTITUTIONS

Industrial School, Chitaldrug Wool weaving, Smithy, and Carpentry
Intermediate College, Chitaldrug
Intermediate College, Davangere
Occupational Institute, Davangere
B D T Engineering College, Davangere

ASSOCIATIONS

Chitaldrug Mahila Seva Sangha, Chitaldrug *President*, Smt Sudha Venkatasiva Reddi, *Vice President*, Smt Murigamma Nijalingappa, *Secretary*, Smt Indirabai Keshavamurthy

Silver Jubilee Orphanage, Chitaldrug *President*, T V Reddi, Dy Commissioner, *Secretary*, G A Narayana Setty, P A to the Dy Commissioner

Automobile Association, Chitaldrug *President*, C A K Zunaidi, *Vice President*, T A Marappa, *Secretary*, S Hannumantha Rao

Law Association, Chitaldrug

Sri Nilakanteswara Cotton Marketing Committee, Chitaldrug

Davangere Trades' Association, Davangere

CLUBS

Davangere Club, Davangere
Chitaldrug Club, Chitaldrug
Chitaldrug Rifle Club *President*, T V Reddi, Dy Commissioner, *Vice President*, M Ramadas, *Secretary*, S V Parameswar

TRAVELLERS' BUNGALOWS (1ST CLASS)

Chitaldrug
Davangere

HASSAN DISTRICT

Headquarters Hassan

Number of Talukas Eight

The District has an area of 2,715 4 sq miles, and a population of 715,135 It has a rainfall of 38 73 inches and a forest area of 96 4 sq miles

Hassan, the District Headquarters Town has a population of 24,869 The town has one implements factory started by Government There are also a number of rice mills, engineering and cement works During the first week of January every year a big cattle fair is held for a fortnight and about 20,000 head of cattle valued over Rs 5 lakhs are sold.

OFFICIALS

Deputy Commissioner and District Magistrate K Balasubramanyam M Sc, I A S
District Agricultural Officer, H C Nanjaiah B Sc
District Co operative Officer, K H Shame Gowda B A
District Engineer, V Balakrishna Naidu, B E A M I E (Ind)
District Forest Officer, C Jayarama Reddy M Sc, A I F C
District Health Officer, A R Sundar Rao M B B S, D P H, M P H
District Medical Officer D Shamanna, B A, M B B S
District Sales Tax Officer K Marappa Reddy, B A I L B
District and Sessions Judge H Hombe Gowda B Sc, L L B, (*Headquarters - Mysore*)
District Superintendent of Police H Veerabhadraiah, M A, I P S
Income tax Officer, S Shivanna Reddy B A, L L B
Inspector of Schools, M R Venkatasubba Sastry, M A B T

EDUCATIONAL INSTITUTIONS

Intermediate College, Hassan

Occupational Institute, Hassan Smithy Carpentry, Rattanwork, Tailoring, Electro Technology and Civil Engineering

ASSOCIATIONS

King George V Coronation Institute (Reading Room and Library), Hassan

CLUBS

Hassan Club, Hassan

KOLAR DISTRICT

Headquarters Kolar

Number of Talukas Eleven

The area of the District is 3,169 sq miles, and the population 1,129,875 It has an average rainfall of 28 48 inches and a forest area of 285 sq miles

Kolar which is the District Headquarters Town has a population of 27,176 Tanning of hides and skins, manufacture of jaggery, brown sugar agricultural implements, tiles, fertilizers, woollen carpets and rugs are other industrial activities There is also a sheep breeders association A woollen spinning centre is maintained by the State Department

Kolar Gold Fields, which form the largest concentration of population in the District, are situated south west of Bangarpet taluka and are connected to Bangalore and Bowringpet on the main line by railway It is inhabited largely by working classes The population is 159,084 The four important mines are Mysore, Nandidroog, Oorgaum and Champion Reefs The entire output of gold of these mines is despatched to the United Kingdom Raw skins of sheep and goats, cows, bullocks and buffaloes are also exported from this area

Silk filature at Sidlaghatta and Malur, tobacco curing and ganja cultivation at Goribidanur and manufacture of jaggery of very good variety at Goribidanur taluk, slate pencil and tablets manufacture at Bangarpet and Kolar are the main activities of the taluks in Kolar District

There is a Co operative Agricultural Farm at Goribidanur

Malur Taluk is very famous for the production of Savanthige and Mallige flowers and Chickballapur and Sidlaghatta Talukas for onions and potatoes

Nandi Hills in Kolar District which is about 4,851 feet above sea level is one of the important summer resorts in Southern India

ADMINISTRATIVE PERSONNEL

Deputy Commissioner and District Magistrate, B M Abu Baker, M A (Hons), I A S
Executive Engineer, R Sampath Iyengar, B A, B E
Assistant Director of Agriculture, H C Nanjaiah, B Sc
Assistant Registrar of Co operative Societies, S Rama Rao B A
District Forest Officer, R Krishnamurthy, B A
District Health Officer, M Rama Rao, M B B S, D Ph
District Medical Officer, F P Mascarenhas, M B B S
District Sales Tax Officer, M R Lakshmana Rao B A
District Superintendent of Police, A P Ratnaraiah, B A, L L B
Income Tax Officer, R Thothatri, B A
District Educational Officer, B Mari Raj, M A, B T, Dip in Edn
Assistant Director of Animal Husbandry, J Muniappa, L V P
District Survey Officer, B Seetha Raman, B A

EDUCATIONAL INSTITUTIONS

Intermediate College, Kolar

High Schools at Taluk Headquarters and in Manchenahalli Town in Goribidanur Taluk

Occupational Institute at Chintamani

ASSOCIATIONS

Depressed Class Mission Society, Robertsonpet, Kolar Gold Fields
Kolar Dist Agricultural Association, Kolar Town
Kolar Dist Sheep Breeders' Association Kolar Town
Kolar Literary Union, Kolar Town
Scheduled Castes Federation Robertsonpet Kolar Gold Fields
Adikarnataka Abhirudhi Sangam, Hosapete Kolar Town
Karnataka Sangha, Kolar Town

CLUBS

King George Hall, Cosmopolitan Club, Robertsonpet, Kolar Gold Fields
Town Club Kolar Town
Town Club, Bangarpet
Town Club Chintamani

TRAVELLERS BUNGALOWS

Travellers Bangalows at all the Taluk Headquarters and Kolar Gold Fields except Bangarpet and Gudibanda towns where there are Musafirkhanas

MANDYA DISTRICT

Headquarters Mandya.

Number of Talukas Seven.

The area of the District is 1,935 2 sq miles and the population 717,545 It has a rainfall of 27 46 inches and a forest area of 51 7 sq miles

Mandya, the District Headquarters Town, lies 25 miles north east of Mysore on the Southern Railway It has a population of 21,158 Cultivation which is most extensively carried on is sugar cane The Mysore Sugar Co, Ltd, a Government aided concern has its factory here The factory employs 1 200 persons daily 25 to 30 thousand tons of sugar are manufactured annually A distillery is attached to the sugar factory where molasses, a by-product is used for the manufacture of power alcohol A confectionery is also attached to the sugar factory Mandya is also a centre for the butter trade Cart-making and weaving of woollen goods are other industries

(The administrative personnel had not reached us when we went to press)

EDUCATIONAL INSTITUTIONS

Intermediate College, Mandya.

ASSOCIATIONS

Mandya Merchants' Association, Mandya

Mandya Bar Association, Mandya

Public Library, Mandya

Mahila Samaj, Mandya

CLUBS

Mandya Club, Mandya

SHIMOGA DISTRICT

Headquarters Shimoga

Talukas Shimoga, Channagiri, Honnali, Shikaripur, Sorab, Sagar, Nagar, Thirthahalli, Bhadravati

The District has an area of 4,048 6 sq miles and a population of 663,315 It has an average rainfall of 56 98 inches and a forest area of 439 4 sq miles

Shimoga, the District headquarters town, has a population of 46,524 It is the biggest centre for areca trade in the Malnad parts of the State Rice, jawar, wheat, ragi, cane jaggery, tamarind, chillies, groundnut are exported to South Kanara and Bombay by rail and road Chief forest produce includes teak, sandalwood, rosewood The Government of Mysore maintain a timber depot here and also run a Sandalwood Factory There is also a match factory called the Mysore Match Factory

Another notable place is Bhadravati on the Bhadra river, 12 miles south-east of Shimoga It is an industrial and trade centre with a population of 19,500 The Mysore Iron and Steel Works, the Cement Factory the Mysore Paper Mills and a Ferro Silican Plant are all located here Jog Falls also is a notable place

ADMINISTRATIVE PERSONNEL

Deputy Commissioner and District Magistrate, M A S Rajan M Sc, I A S

Personal Assistant, C N Padmanabhaiya, B A

Sub-Division Officer, Shimoga, Y Rupla Naik, M A

Sub-Division Officer, Sagar, A R Adinarayaniah, B Sc

District Treasury Officer, G H Adirajaiya, B Sc (Hons)

District Superintendent of Police, M Mahadevappa, M A, B L

District and Sessions Judge, K Gubbaiah, B A, LL B

District Medical Officer, Shimoga, T L N Pandit, B Sc, L M S

Superintending Engineer, K Subba Rao, B A, B E, M I E (Ind)

District Educational Officer, Syed Basheer Ahamed, M Sc, B T, T D (Lond), Dip Edin, M Ed (Leeds)

Conservator of Forests, Shimoga Division, D A Rama Rao, B Sc, A I I Sc

District Health Officer vacant

Assistant Director of Agriculture, C Ramaiah

Sales Tax Officer, Mir Sherifuddin, B A

EDUCATIONAL INSTITUTIONS

Intermediate College, Shimoga

Industrial School, Sagar Smithy, Sandalwood Carving and Carpentry

Industrial School, Shimoga Smithy and Carpentry

ASSOCIATIONS

Agricultural Association, Vanivilas Sagara, Hiriyur Improvement of Agriculture

Bhadravati Labour Union, Bhadravati

Mahila Samaj, Shimoga.

Free Reading Room & Library, Shimoga

Karnataka Sangha, Shimoga

Land Trust of India Society, Sagar Town

Malnad Agriculturists' Association, Thirthahalli

Law Association, Shimoga

Shimoga Services Association

Hotel Keepers Association

Non-Gazetted Officers' Association

Grain Merchants' Association

Cloth Merchants' Association

Mysore Paper Mills Labour Association

Mysore Cement Factory Association

Bus Drivers' Association

CLUBS

Shimoga Club Shimoga

Thirthahalli Club, Thirthahalli

HOTELS

Minakshi Bhavan, Shimoga

Maruti Bhavan, Shimoga

National Lodge, Shimoga

Welcome Hotel, Shimoga

TRAVELLERS' BUNGALOWS

Harihar

Hiriyur

Holalkere

Shimoga Town

Government Circuit House, Shimoga

Thirupalayya's Choultry

Courpalayya's Choultry

Railway Station Rest House

TRADES AND PROFESSIONS

Achar's Book Stall, Town Railway Station, Shimoga

D. Halappa & Manjappa, Shimoga

H Nanjundappa Ramaiah, Shimoga

Karnataka Radio Engineering Co, Radio and Sound Engineers, Shimoga

The Mysore Match Co, Ltd, Bangalore, Honnavar Road, Shimoga (Mysore State)

Radio Sales and Service, near Caltex Bunk, Shimoga

Rama Sastry Frame Works, Big-Bazaar, Shimoga

Shankara Coffee Works, Coffee and General Merchants, Shimoga

The Shimoga Printing and Publishing Co, Ltd., Old Post Office Road, Shimoga

Sreenivasa Stores, Chemists and Druggists Agents, H M V and Columbia Gramophone Records, Shimoga

Sri Markandaya Electric Coffee Works, General Merchants, Shimoga,

Surya Electro-Plating Works, Thimmappa's Koppal, Shimoga (Mysore State)

S Venkatappa Setty & Sons, Shimoga

T Seenappa Setty Bros, Shimoga (Mysore State)

The Tunga Rice and Oil Industries Ltd, B.H Road, Shimoga.

TUMKUR DISTRICT

Headquarters Tumkur

Number of Talukas Ten

Tumkur District has an area of 4,082 1 sq miles and a population of 1 151,362 It has an average rainfall of 26 15 inches and a forest area of 196 3 sq miles

Tumkur which is the District Headquarters Town has a population of 35,999 It has eight rice mills, 41 flour mills, six oil mills, one slate pencil factory, and two tile factories Groundnuts and groundnut products, castor seed, hongey seed and food grains such as ragi avare, are exported to places in and outside the State

ADMINISTRATIVE PERSONNEL

Collector and District Magistrate, L Muniswamy, B A

District Agricultural Officer, H Puttanaik, B Sc

District Co operative Officer, C Narayana Setty B A

District Engineer, K V Siddabasaviah, B E

District Forest Officer, K A Sampath

District Health Officer, F Anantha Rao B Sc M B B S D P H

District Medical Officer Dr T Chandrasekharan, L R C P M R C S (Eng)

District Sales Tax Officer, S Ramachandra Gupta, B A

District and Sessions Judge K N Padmanabhaiah, B A, B L

District Superintendent of Police, S C Mallappa, B A

Income tax Officer, S T Shivaswamy B Sc

Inspector of Schools, O Kalappaji, B A B T

EDUCATIONAL INSTITUTIONS

First Grade College, Tumkur

ASSOCIATIONS

Friends Union, Gubbi

Kanada Sangha, Tumkur

Sri Krishnarajendra Library, Tumkur

Union Kanarese Seminary, Tumkur Training evangelists for service among Kannada people

Public Library, Tumkur

CLUBS

Tumkur Club, Tumkur

Madhugiri Club, Madhugiri

TRAVELLERS BUNGALOWS

Tumkur and all other taluk Headquarters

HILL STATION

Devarayanadurga

POST-MERGER

Some particulars about Mysore State after the merger of Bellary are given below

LAND

Total area 21 3,18 000 acres Forests 2 175,000 acres Area not available for cultivation 2 488,000 acres Other uncultivated land 4,901,000 acres Current fallows 2,118,000 acres Net area sown 8,237,000 acres Total cropped area 8,496,000 acres Area sown more than once 259 000 acres

IRRIGATION

Area irrigated by Government canals 272,000 acres Private canals 5 000 acres Tanks 5,39,000 acres Wells 106 000 acres Other Sources 95,000 acres Total 1,055,000 acres

Crops irrigated Rice 753 000 acres Jowar 9,000 acres Bajra 6,000 acres Maize (*a*) Ragi 64,000 acres, Wheat (*a*) Barely (*a*) Other cereals 15,000 acres Total 346,000 acres Gram 1 000 acres Tur 1 000 acres Other pulses 4,000 acres Total 6 000 acres Total foodgrains 852,000 acres Sugarcane 58,000 acres Other food crops 50,000 acres Total food crops 960 000 acres Non food crops—Cotton 2,000 acres Other non food crops 96 000 acres Total non-food crops 98,000 acres Total 1 058,000 acres

AREA, PRODUCTION

Rice 777,000 acres, Jowar 955 000 acres, Bajra 1,61,000 acres Maize (*a*) Ragi 1,723,000 acres Small millets 5,91,000 acres Wheat 4,000 acres, Barley —, Total cereals 4 211,000 acres

Gram 40,000 acres Sugarcane 62,000 acres Tobacco 24,000 acres

Rice 247,000 tons, Jowar 144,000 tons, Bajra 17,000 tons Maize (*a*), Ragi 232,000 tons, Small millets 48 000 tons, Wheat (*a*), Barley ——, Total cereals 688,000 tons

Gram 5,000 tons, Sugarcane (Gur or jaggery) 120,000 tons Tobacco 3,000 tons

Groundnut 518,000 acres, Castor 97,000 acres, Sesamum 63 000 acres, Rape and mustard 4,000 acres, Linseed 1,000 acres, Total oilseeds 683,000 acres

Cotton 344,000 acres

Groundnut (in shell) 1,25,000 acres Castor 6 000 acres Sesamum 6,000 acres, Rape and mustard (*a*), Linseed (*a*), Total oil-seeds 1,37,000 acres

Cotton 98,000 acres

YIELD PER ACRE

Rice 8 04 maunds, Jowar 4 12 maunds Bajra 2 87 maunds, Maize 15 29 maunds, Ragi 3 66 maunds Small millets 2 20 maunds, Wheat 3 40 maunds Barley ——, Gram 3 97 maunds, Sugarcane (Gur or jaggery) 52 51 maunds

Tobacco 4 02 maunds, Groundnut (in shell) 6 57 maunds, Castor 1 64 maunds, Sesamum 2 35 maunds Rape and mustard 2 10 maunds, Linseed 3 28 maunds

Cotton (Lint) 1 35 maunds

LIVE-STOCK

Total Cattle 5,046,000 1 Males over 3 years 1,783,000 (*i*) Breeding 15,000 (*ii*) Working 1,630,000, (*iii*) Others 138 000

2 Females over 3 years 2,007,000 (*i*) Breeding (*a*) In milk 510,000 (*b*) Dry and not calved 1,103,000, (*ii*) Working 356,000, (*iii*) Others 38 000

3 Young stock 1 256,000

Total Buffaloes 1,208,000

1 Males over 3 years 66,000 (*i*) Breeding 12,000, (*ii*) Working 45 000, (*iii*) Others 9,000

2 Females over 3 years 7,32,000 (*i*) Breeding (*a*), In milk 296,000, (*b*) Dry and not calved 421,000 (*ii*) Working 5,000 (*iii*) Others 10 000

3 Young stock 410,000

Total sheep 2,987,000, (*i*) One year and above 2 703 000 (*ii*) Below one year 2 84 000

Total goats (*i*) One year and above 1,487,000, (*ii*) Others 214 000

Total Horses and ponies 23,000 (*i*) 3 years and above 7,000, (*ii*) Below 3 years 16,000

Mules (*a*) Donkeys 47,000 Camels (*a*), Pigs 95,000

Total Livestock 11,107,000

Total Poultry 3,589,000 Fowls 3,556,000 Ducks 33,000

AGRICULTURAL IMPLEMENTS

Ploughs (*i*) Wooden 1,086,182, (*ii*) Iron 67 416

Carts 340,780

Sugarcane crushers (*i*) Power 697, (*ii*) Bullocks 6 958

Oil Engines 838

Electric pumps 1,559

Tractors 147

Ghanies —

(*i*) More than 5 seers 1 597

(*ii*) Less than 5 seers 1 941

(*a*) = Negligible

COMMERCIAL FIRMS IN BANGALORE

Abdul Careem & Sons, Government Clothing Contractors, Chickpet, Bangalore

Abdul Gaffar, H E & H M Gulam Ahmed, Proprietors, Modi Power Printing Works, Sri Narasimharaja Road, Bangalore

Abdul Gaffoor & Sons, T M, Stationers and General Merchants, 210, Avenue Road, Bangalore

ABDUL QADIR, K H, 154 Ebrahim Saheb Street, Bangalore Manufacturer of Highclass Washing Soaps Toilet Soaps, Soap Base and Candles Tel Address 'KAYHECH' Phone 367 & 367 A

Abdul Razack Sahib & Sons, P, Hardware Merchants, Gundopanth Street, Bangalore

Abdul Sattar Hajee Dawood Sait, Mandy Merchant, New Tharagupet, Bangalore

Abdullah Basha, B S, General Merchant, Old Tharagupet, Bangalore

Adinarayana Setty & Sons, A C, Textile Manufacturers, 106, Sultanpet, Bangalore

Ahmedally & Co, A, Hardware Merchant, Sri Narasimharaja Road, Bangalore

Aiyar & Co, Stock and Share Brokers, Kempegowda Road, Bangalore

Ambalam & Brothers, Photographers, Kalasipalayam, Bangalore

Ambi & Co, Stationers, Avenue Road, Bangalore

Amco Limited, Manufacturers of Batteries, etc, Mysore Road, Bangalore

Amichand & Co, V, Piece-goods Merchants, 351, Chickpet, Bangalore

Anand Brothers, Manufacturers' Agents and Distributors, Kempegowda Road, Bangalore

Ananth K V, B Sc, Manager, Mysore Lamp Works Ltd, Malleswaram, Bangalore

Anur Brothers, Stationers and Rubber Stamp Makers and Advertisers, 77 78, Balepet, Bangalore

Appajayya Setty & Sons, B V, General Merchants, New Tharagupet, Bangalore

Appanna Setty & Sons, A K, General Merchants New Tharagupet, Bangalore

Bangalore Publicity Service, Bangalore

Bangalore Gold Thread Company, 27, Subedar Chatram Road, Seshadripuram, Bangalore

Batchamiyam Saheb & Co, A, General Merchants, New Tharagupet, Bangalore

Bhiwandiwala & Co, A H, Sugar and General Merchants, 8, Old Tharagupet, Bangalore 2

Bhoopalam Chandrasekharaiah & Co, No 8, Mamulpet, Bangalore

Bombay Auto and Radio Stores, 50 Sri Narasimharaja Road Bangalore.

Bombay Life Assurance Co Ltd, Visveswarapuram, Bangalore 4 Phone 2182

C A Gallakotwala & Co Ltd, Sri Narasimharaja Road, Bangalore, Hardware and Mill Stores Merchants

Capital Cycle and Motor Company, Sri Narasimharaja Road, Bangalore

Cement Marketing Co of India Ltd, Sugar Company Building (near Town Hall), Sri Jayachamaraja Wadiyar Road, Bangalore City

Central Electric and Industrial Co, 1, Sri Narasimharaja Road, Bangalore City

Chinai Silk Trading Co Ltd Raw Silk Yarn Merchants 432 Avenue Road Bangalore 2

Chiniwar & Co, Malleswaram Post, Sampige Road Bangalore 3

Commercial Hardware Co, General Hardware Merchants 21, Old Poor House Road, Bangalore

Consolidated Electric Industries, No 29, Sri Narasimharaja Road, Bangalore City

Coomaraswamy Pillay & Co, M, Sanitary and Waterworks Contractors, 478, Avenue Road, Bangalore

Cowasji & Co, Excise Contractors, Alexandra House, Richmond Town, Bangalore

Davidoss & Co, Chickpet, Bangalore

Deshbandhu & Chaya, Bangalore

Desi Soap and Ink Works, Sampangi Tank Road, Bangalore

Dhondusa Dhaktappa & Brothers, S, Gota and Gold Thread Merchants, Subedar Chatram Road, Bangalore 2

Donti Venkatesiah Setty & Sons, Yarn and Silk Merchants, Chickpet, Bangalore City

Dunlop Rubber Co (India) Ltd, 24, Mahatma Gandhi Road, Bangalore 1 Phone No 7 Manufacturers Tyres, Accessories and Dunlopillo

Earl & Co, 10, South Parade, Bangalore

Egyptian Confectionery, 1, Haines Road, Bangalore

Elgin Electric Flour Mills, Hosur Road, Bangalore

Elgin Talkies, Blackpally Road, Bangalore

Emberuman & Co, Manufacturers Representatives, Krishna Building, Avenue Road, Bangalore

Empire of India Life Assurance Co Ltd, Branch Office for Mysore and Coorg District Board Building, Kempegowda Road

Firestone Tyre and Rubber Co of India Ltd, 1-A, Sydney Road, Bangalore

Foster & Co, Chemists and Druggists, 15, St Mark's Road, Bangalore

Funnels Ltd, 16, South Parade, Bangalore

Furtado & Sons, B X, Contractors, Sri Krishna Buildings, Avenue Road, Bangalore

Gangoji Rao & Sons, I L Laxman Rao Road, Balepet, Bangalore

Ganjam Nagappa & Son Diamond Merchants, Arcot Srinivasachar's Street, Bangalore

Gannon Dunkerly & Co Ltd Engineers and Contractors, 157, Sri Narsimharaja Road, Bangalore

General Assurance Society Ltd, 111, Gandhinagar Bangalore

General Electric Company of India Ltd, 5, Mahatma Gandhi Road, Bangalore

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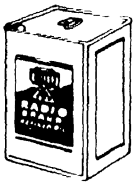

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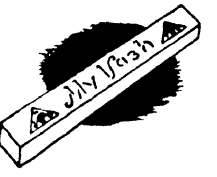

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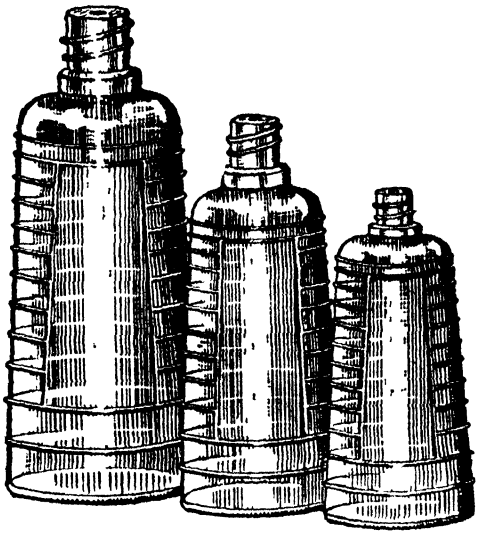

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Jain s Lab Manufacturers of High Class Sealing Waxes in any colour Office Shoolay, Bangalore 1

SILK MANUFACTURERS

Sri Nanjundeswara & Co , 331, First Main Road, New Tharagupet, Bangalore 2

SILK MERCHANTS

Poornima Silk House Chickpet, Bangalore 2
Rangaswamiah, H , & Co , Manavarthepet, Bangalore 2

SILK RIBBONS MANUFACTURERS

Sri Nanjundeswara & Co , 331, First Main Road, New Tharagupet, Bangalore 2

SOAPS

Casikar, A R , & Co , New Tharagupet, Bangalore City
K H Soap Works, Manufacturers of fine Soaps Sales Office 154, Ebrahim Sahib Street, Bangalore 1

SURVEYING INSTRUMENTS

Ambi & Co , 28, Avenue Road, Bangalore City

TOILETS

K H . SOAP WORKS

For Toilet Soaps, Soap Base, Washing Soaps & Candles

For particulars please contact K H Abdul Qadir, 154, Ebrahim Saheb Street, Bangalore 1

Phones 367 & 367 A Tel ' Kayhech

TYPE FOUNDERS

National Type Foundry Manavarthepet, Bangalore 2

WATCHES AND CLOCKS

THE TIME SHOP, 10, Commercial Street, Bangalore No 1 The House for "ZUMEIRA" Supergrade Watches and gift Novelties Cables "TIMESHOP"

WOOLLEN GOODS MERCHANTS

Misrilall Parasmall, 149 Avenue Road Bangalore City Phone 2691

TRADES & PROFESSIONS IN MYSORE

Bahusar Trading Co , Bank Road, Mysore

Bhagavan Chetty & Co , Hardware and Paint Merchants, Asoka Road, Mysore

Chandrasekharappa & Sons, Merchants, Santhepet, Mysore

Chandrasetty, S N , Rangoon Diamond Mercants, Asoka Road, Mysore

Coomaraswamy Pillay & Co , M , Water Works and Sanitary Contractors, 85, Lansdowne Buildings, Mysore

Coorg and Mysore Coffee Co (1937), Ltd , Chamundi Curing Works, P O Vani Vilas Mohalla, Mysore

Coorg Industries and Saw Mills, Mysore South

Hajee Tayub Abdul Karim & Co , Merchants, Santhepet, Mysore

Hindustan Coffee Works, Jagan Mohan Palace Road, Mysore

K. KEMPIAH

Ivory & Sandalwood Carver

Shree Krupa, 375, Benki Navab Street, Behind C. T. Institute, Mysore

MANUFACTURER OF

Art Pieces in Ivory, Sandalwood & Rosewood, Etc

Kuntalaranjani Works, 1362, Krishnamurtipur, Mysore Manufacturers of Chanchala Agarbatties, Chanchala Tooth Powder, etc

Kupendrarao Jadhar, Metal Merchant, Asoka Road, Mysore

Mallanna & Sons, P , Merchants, Santhepet, Mysore

Modsi Engineering Co , Vani Vilas Road, Mysore

Modern Motor Service Ltd , Mysore Coorg Joint Booking Agency, 303, Dewan s Road, Mysore

Murugesh K , D Opt , Dentist and Optician, Mysore Bank Building, upstairs, Sayaji Rao Road, Mysore

Mysore Silk Filatures Ltd , Mysore

Mysore Lac and Paint Works, Ltd , Eidga Extension, Mysore. Manufacturers of Paints and Varnishes

Mysore Movietone Ltd , ' Chirranjan Mahal, Yelwal Road, Mysore

Mysore Rice Mills Ltd , Saraswatipuram, Mysore

Mysore Patrike, Lansdowne Buildings, Mysore

Mysore Supplies, Penholder Manufacturers, Mysore

Nanjappa & Sons, S , Yarn and Cloth Merchants, Kalamma Temple Street, Mysore

Newspaper House, Jayanagar, Mysore

Raghulal & Co , Chemists, Sayaji Rao Road, Mysore

Ramanna & Brother, K , Merchants and Commission Agents, Santhepet, Mysore

Raman, C A , Proprietor Rama s Photograph Studio, Mysore Bank Building, Mysore

R Hanumanthappa & Son, Cotton Merchants, Mysore

Sharada Cycle and Watch Stores, Lansdowne Buildings, Mysore

Siddappa & Brothers, M S , Bankers, Harmonium Dealers and Timber Merchants, N Madhava Rao Circle, Mysore

Sri Ramachandra Bhavan, Restaurant, Jaganmohan Place Road Mysore

Sri Venkataswara Book Depot, Lansdowne Buildings, Mysore

Varadacharlu, A. V , & Son, Photographers and Dealers, Curzon Park Road, Mysore

THE PATIALA AND EAST PUNJAB STATES UNION

Area 10,078 square miles

Total population 3,493,685 (Males 1 894,844, Females 1,598,841)

Capital Patiala

Names of district giving the names of their headquarters within brackets Patiala (Patiala) Barnala (Barnala), Bhatinda (Faridkot), Fategarh Sahib (Bassi) Sangrur (Sangrur), Kapurthala (Kapurthala), Kandhaghat (Kandhaghat), Mohindergarh (Narnaul)

Total number of Districts 8 Tehsils 24, Municipalities 22 Small town committees 36 Panchayats 2 083 (Nagar panchayats 1,705, Adalti panchayats 378), Villages 5,847

Name of town with population of over 50 000 Patiala Strength of State Legislative Assembly 60

Number of members returned from the State to the House of the People 5

Number of members returned to the Council of States 3

Budget for 1953 54

Estimated revenue Rs 634 93 lakhs

Estimated expenditure Rs 703 54 lakhs including expenditure on Five Year Plan amounting to Rs 123 62 lakhs

The Patiala and East Punjab States Union comprising Patiala, Kapurthala, Nabha, Jind, Faridkot, Malerkotla, Nalagarh and Kalsia States lies contiguous to the boundaries of the Punjab It was inaugurated at Patiala by the late Sardar Vallabhbhai Patel on 15th July 1948

The Union covers an area of 10,078 square miles, three fifths of which form Patiala territory The population of the Union is homogeneous All the people speak the same language, namely Punjabi, and have the same kind of customs, etc, factors which make for political unity and solidarity The Jats who form a major part of the population are among the finest peasantry in India They are not only good cultivators but are also first class soldiers

The Patiala and East Punjab States Union like the rest of the country is essentially an agricultural area

LARGE-SCALE INDUSTRIES

Main large scale industries with the production and value of production of each industry in brackets Wheat flour (0 5 mln md, Rs 6 5 mln), Sugar (41,000 md, Rs 23 5 mln), Cement (3,55,000 md, Rs 22 8 mln), Distillery (0 3 mln L P gal, Rs 2 2 mln), Fruits and Vegetables (13 000 gal, Rs 1 2 mln) Starch (300 tons Rs 0 4 mln), Tannery (0 5 mln number of leather soles, Rs 1 2 mln), Biscuits (11 500 cwt, Rs 1 9 mln), Glass and glassware (28,000 gross bottles Rs 0 1 mln) Iron and steel (Rods—7,000 tons Hoops—5 000 tons, Agricultural implements—1,800 chaff-cutter machines Other iron and steel products—7,000 tons, Rs 10 6 mln), General engineering (Agricultural implements—350 tons Other products—1,000 tons, Rs 4 3 mln), Cotton textiles (Yarn—0 2 mln lb Gray pieces—1 2 mln lb, Bleached cloth—60,000 lb, Rs 3 3 mln)

Total value of production Rs 78 million

COTTAGE INDUSTRIES

Main Cottage Industries in the State with the value of annual production and number of workers employed by each industry in brackets

Handloom industry (Rs 1,08,00,000 ; 22,500) Calico printing (Rs 3 74 000, 260), Ayurbaud (Rs 4,50 000 5,000), Cycle parts (Rs 13,50,000, 150) Sewing machine parts (Rs 3,60,000, 100) Tanning industry (Rs 21,60,000 2 000), Ivory goods (Rs 36,000 10) Furniture and cabinet making (Rs 21,60,000, 600), Non-ferrous metal Industry (Rs 3,24,000, 60), Hosiery (Rs. 21,00,000, 600), Shoe making (*Rs 60 00,000 - 4,000*)

Total number of registered factories with total number of workers in brackets 543 (35,823)

Number of registered factories in the following industries with the number of workers in each Cotton ginning and pressing 68 (7,093), Food except beverages 32 (951) Starch and chemicals 2 (183), Distilling, rectifying and blending of spirits 1 (172), Printing, publishing and allied industries 8 (134) Manufacture of edible oils 11 (550), Basic metal industries, Ferrous 52 (3,077), Manufacture of machinery 18 (709), Manufacture of agricultural implements 17 (999) Electrical machinery, apparatus and supplies 2 (100), Radio and phonographs 1 (42), Electricity, gas and steam 14 (776) Miscellaneous industries, manufacture of ice 5 (170), Manufacturing of metal products 11 (389), Canning and preservation of fruits 1 (12) Manufacturing of cement 2 (2 370) Manufacturing of sugar 2 (2,400) Textile 1 (539), Tanneries and leather finishing 1 (137), Manufacture of glass 1 (122), Button making 3 (185), Electric goods 1 (17), Rubber and rubber products 1 (35) Water works 3 (105)

Minerals

Names of minerals Mica, Beryl Manganese Calcite Iron ore, Marble, Boulders and Ballast Limestone, building stone Barri and sand

Location of the minerals Kandhaghat and Mohindergarh districts

An amount of Rs 1 10,757 in the year 1952 53 was collected as contract money for working of these minerals

AGRICULTURE

Main food crops of the State with production of each Wheat 298,000 tons, Gram 188 000 tons, Jowar 2 515 tons, Bajra 39 000 tons Maize 62 000 tons, Barley 32,000 tons and Rice 9,807 tons

Main cash crops of the State Sugarcane, Cotton Chillies

Total production of food crops (1951 52) 333,322 tons

Total area of State 6,371,858 acres

Total area cultivated 4,995,261 acres

Total area of uncultivated land 498,964 acres

Total area under dry cultivation 3 150,655 acres

Total area under wet cultivation 1,844,606 acres

Total area under food crops 2 809,875 acres

Total area under cash crops 353,141 acres

Area under individual food crops (1951 52) Wheat 781,000 acres, Gram 909,000 acres, Jowar 77,508 acres Bajra 770,000 acres, Maize 176,000 acres, Barley 139,000 acres, Rice 37,367 acres

Area under individual cash crops Sugarcane 55,904 acres, Cotton 294,000 acres

Area possibly available for further cultivation through reclamation measures 878,020 (out of this 2 lakh acres can easily be reclaimed)

Fruit Gardens

Total area under fruits 5,846 acres

Kinds of fruits Peaches, plums, cherries, hazel nuts, papaya, loqat, phalsa, etc

Vegetable Gardens

Total area under vegetables 13,204 acres

Kinds of vegetables Potatoes sweet-potatoes, onions, melons, pumpkins, tinda, lady finger, tomatoes, cauliflower, cabbage and peas, etc

Forests

Total forest area in State 47 383 acres

Area District-wise Patiala 16,333 acres, Barnala 869 acres Fatehgarh 1,247 acres Sangrur 2 386 acres Mohindergarh 243 acres, Kandhaghat 2 386 acres

Cattle

Total number of cattle (Cows) 437,000, She-buffaloes 451,000, Bullocks 489,000, Horses and ponies 20,000 Sheep 205,000, Goats 482,000 Camel 74 000, Donkeys 36 000, Mules 1 000, Pigs 16,000, Poultry 247,000

TRANSPORT

Mileage of metalled roads 700 miles

Mileage of metalled roads maintained by P W D 700 miles

Total number of aerodromes 2 (One owned by the PEPSU Government and the other at Faridkot by the Maharaja of Faridkot)

Total number of passenger buses 812, Public vehicles 412, Taxis 16 (In Hills), Private cars 1 404 Government Black Plate Cars 450, Rulers Red Plate Cars 500

Number of combined Posts & Telegraph Offices 49, Post offices 418, Telegraph offices 2

Number of Telephone exchanges 20

Number of subscribers 701

Number of receiving licenses 8,900

Transport has not been nationalised in the State

The Transport Authority is constituted by the State Government by nominating two official members and two non official members, Financial Commissioner (Revenue) as Chairman and P T C (Provincial Transport Controller) as Secretary

TRADE

Articles exported on Government account —

Wheat 53,848 tons
Wheat atta 12,961 tons
Dara wheat (seed) 2,608 tons

Local Delivery wheat to Delhi Government —

3,068 tons
Barley 6,184 tons
Maize 2,033 tons
Rice 3,848 tons

Articles imported —

Cement 18,000 tons yearly
Cloth 4,800 bales yearly
Sambhar salt 1,358 wagons per year

POWER PROJECTS

Total capacity of power plant installed in the State 6,896 kW

Total effective capacity 5 500 kW

Total production during the year 1952 53 16,271,532 units

Number of units supplied to industry 9,611,928

Number of units supplied for domestic purposes 3,595,006

Location of power stations now in operation with the capacity and production in brackets Patiala (2,850 kW, 5,061,417 units), Nabha (200 kW, 299,860 units), Faridkot (200 kW, 402,207 units), Sangrur (200 kW, 174,377 units), Malerkotla (81 kW, N A), Mandi Phul (52 kW, N A), Bhatinda (36 K V A, N A), Sultanpur (100 kW., N A), Kandhaghat (308 kW, 101,796 units), Kasauli (276 kW., N A), Kapurthala (500 kW, 2,288,624 units); Phagwara (800 kW, 5,722,893 units)

Bhakra Nangal Power Project : The project is a joint concern of Punjab, PEPSU and Rajasthan It was started in 1949-50 and envisages the construction of Power houses No I and II on Nangal Canal with two generating units of 24,000 kW at each site and installation of 4 units at Bhakra Dam The total firm power available from Bhakra Nangal Project will be 400,000 kW

The Power House No 1 on Nangal Hydel Channel will be completed during 1954 while the second power house will be completed by the end of 1955 Installation of one unit at Bhakra will be completed by the end of 1959 while the remaining units at Bhakra will be completed as and when required

Transmission lines and local distribution system are under construction It is proposed to electrify 50 towns in PEPSU within the next 5 years The whole project is being financed through loan from the Central Government The total cost of the electricity project is Rs 44 50 crores and the liability of the PEPSU will be about Rs 10 80 crores All the common works, *viz*, construction of power houses and installation of units and construction of transmission lines upto 66 kV are being done by the Punjab Government on behalf of all the partners They are also constructing 33 kW lines on behalf of the PEPSU

Estimated rise in output after completion of the project will be 400,000 kW

Total power potential available for PEPSU will be 89,000 kW

IRRIGATION

Total Area irrigated About 40 lakh acres

Area irrigated by Masonry wells and Tube wells 804,840 acres

Area irrigated by Government Irrigation Works (Canals) Sirhind Canal System 1,990,000 acres, Western Jamuna Canal System 596,000 acres, On Punjab branches 593,000 acres

The Sirhand Canal which takes off from Ruper Headworks feeds Punjab and PEPSU territory The total authorised full discharge of Sirhand Canal is 9,040 cusecs The details of PEPSU area which is irrigated from this project are given below —

On Patiala branches 1,990,000 acres

On Punjab branches 593,000 acres

The Bhakra Nangal Project is a multipurpose river valley project

The project envisages the construction of a dam about 680 ft high at Bhakra on Sutlej river 40 miles north of Rupar and construction of Nangal Dam, about 8 miles below Bhakra Dam It is proposed to take off Nangal Hydel Channel having an authorised full supply discharge of 12,500 cusecs from Nangal Dam for irrigation of area of the different partners This project will also enhance supplies in Sirhand Canal from 9,040 cusecs to 12,500 cusecs at Rupar It is expected that the project will be completed by the end of 1959 Total PEPSU area which will be benefited from Bhakra Nangal Project will be 1 345,000 acres gross In addition it will also enhance the supplies in old Sirhand Canal system by about 40 per cent The total discharge available for PEPSU area from the project will be about 4,500 cusecs The total cost of the Irrigation part of the project is Rs 111 82 crores and the total liabilities of PEPSU are about Rs 23 50 crores The entire project is being financed through loan from the Government of India and will be completed by the end of 1959

Bein River Project It is proposed to harness the water of Bein River by taking out channel from the existing barrage on the river near Kapurthala and to irrigate about 40,000 acres of land The total cost of the project is Rs 8 88 lakhs, it was to be completed by the end of 1953-54

Narnaul Bund Project. It is proposed to construct a small earthen dam at the confluence of the two small monsoon streams about 2½ miles south-west of Narnaul It is a famine-protection scheme and will supply water for rabi sowing and Kharif maturing to an area of 6,700 acres The total cost of the project is Rs 6 37 lakhs The project was to be completed by the end of 1953 54

Tube-well construction under T C A The existing water allowances on Sirhand Canal system is 1 69 cusecs per thousand acres of C C A which is very low and therefore, most of the areas remain unirrigated In certain tracts, *viz* Dhuri and Pail, the subsoil water level has risen very high and water lodging trouble has started It is therefore, proposed to install 300 tube wells in Dhuri Malerkotla Pail tehsils supplementing the canal irrigation The total area under the scheme will be 2 4 lakhs and about 80 per cent of this will get water for irrigation This area will be taken off from the Canal system Total cost of the project is 1 93 crores and it is being financed through loan from the Central Government

The project has been finalised and a contract has been signed with Messrs Harold T Smith Inc for its execution

With the completion of Bhakra Dam, about 4,500 cusecs of additional discharge will be available in PEPSU for irrigation purposes The Bhakra Nangal Project will increase the food production in PEPSU by 2 5 lakh tons and the production of cotton by 1 6 lakh bales

The increase in foodgrains on account of other projects will be as below —

Bein River Project 2,000 tons

Narnaul Bund Project 4,000 tons Also a large increase in sugarcane production

Tube well Project 48,000 tons Also 25,000 tons of cotton

LAND TENURE

Classes of Tenure The first figure in the brackets shows the total area and the second figure the cultivated area —

Owners (4 029,036 acres, 2,760,936 acres) Occupancy Tenants (637 331 acres, 621,501 acres), Special Tenants (77 941 acres, 75,971 acres), Tenants at Will (1,046,532 acres, 1,011,333 acres), Lessees (145,930 acres, 129 764 acres), Mortgagees (409 869 acres, 384,901 acres)

Total number in the class, owners 1,689,126, All the other classes 404,877

Number of landless labourers 358,676

Names of laws governing Tenure systems with brief summary —

Owners Punjab Land Revenue Act as applied to PEPSU

Occupancy Tenants PEPSU Abolition of Biswedari Ordinance, 2006 Bk amended by PEPSU Ordinance No XXXVI of 2006 and PEPSU Act No IV of 2007

By this Act, all lands under occupancy tenants are sought to be divided between the landlord and the tenant in the ratio of 1 8 The tenant, however, has the right to purchase the landlord's share after paying the market price of the share or 100 times the land revenue, whichever is less A new bill seeking to abolish landlords' right against payment of compensation not exceeding 12 times land revenue is under consideration

Special Tenants Abolition of Ala malkiat Rights against compensation not exceeding five times the land revenue is under consideration

Tenants-at-Will PEPSU Tenancy (Temporary Provisions) Act, 2008 is in force which ensures tenants against arbitrary ejectments

New law called Agricultural Lands Bill is under consideration This gives the tenant right to purchase the land on which they are working against compensation not exceeding 100 times land revenue or Rs 400 per acre whichever is less The landlord is authorised to eject tenant upto a limit of 100 acres, if he requires the land for personal cultivation

Compensation All compensation exceeding Rs 250 will be payable by the tenant in six annual instalments to the Government which will be responsible to pay the compensation money to the landlord

CIVIL SUPPLIES

Names of rationed articles, quantum of each per adult per week Foodgrains only are rationed informally The quantum per adult per week is 84 ounces, and 112 ounces in case of manual labour Wheat and atta are issued in ration

Monthly requirement of State according to quota Approximately 3,350 tons of wheat per month

Degree of control in the State Control exists over foodgrains, cloth, yarn cotton, cement, vegetable oil products, salt, bricks, soft coke and drugs Out of the foodgrains, wheat and rice are fully controlled as regards procurement movement, price and distribution whereas maize, millets and barley are only price controlled and their inter State movement is banned

Gram is only controlled to the extent that its export is restricted The storage limit of the foodgrains except gram is 10 maunds of all foodgrains Other rationed commodities are generally price controlled except cement, the distribution and movement of which is also controlled

The State is surplus in foodgrains The surplus quantities are the same as mentioned under export in paragraph under TRADE'

Articles in which the State is deficit and the actual deficit — Cement 4,500 tons per quarter, Cloth 1,200 bales per quarter; Sambhar Salt 339 wagons per quarter

Amount of Wheat Rice and Millets procured during the year 1952 53 — Wheat 99 783 tons, Rice 3 723 tons, Bajra 122 tons

Population living under ration system 1,475,715 (Rural and Urban)

Number of towns in which there is rationing 63

CO-OPERATION

Total number of co-operative societies 1,553

Total membership of co operative societies 46,607

Total working capital Rs 2,20,34,991

Types of each society and number of each type Central Banks 7, Banking Unions 8, Credit societies 1,045, Central Non-Credit 3, Agri Non-Credit 148 Non Agri Credit 168, Non Agri Non Credit 173

Budget allotment for the year 1953 54 Rs 5 55 lakhs

PUBLIC HEALTH

Commonest diseases in State Malaria, skin diseases, diseases of digestive system, diseases of nervous system, diseases of respiratory system and ulcers Mortality from these diseases in 1952 28,650

Number of allopathic hospitals 48

Number of allopathic dispensaries Urban 91, Rural 56

Total number of beds in allopathic hospitals and dispensaries 1,070

Number of Ayurvedic and Unani dispensaries 52

Types of special hospitals (T B, Cancer, etc) with number of beds in each Hardinge Sanitorium, Dharampur 50, Rajindra Hospital, Patiala 153, Lady Dufferin Hospital, Patiala 112, Harindera Hospital, Faridkot 74, Landowne Hospital, Nabha 42, R J Hospital,

Kapurthala 47, Civil Hospital, Sangrur 30, T B Clinic, Patiala, V D Clinic, Kandhaghat, Hazuri Dispensary, Patiala, Central Jail Hospital, Patiala 66, 1st Touring Dispensary, Longowal, 2nd Touring Dispensary, Kalayat, 3rd Touring Dispensary, Patiala

Total number of allopathic doctors 231, Unani and Ayurvedic doctors 58, Compounders 282

Number of indoor patients (1951 52) 209,253, Outdoor patients 2,734,741

Number of Government hospitals 48, Government aided Hospitals 4 (Dayanand Charitable Hospital, Nabha Cantt Board General Hospital, Sabathu, Cantt General Hospital, Kasauli Leprosy Hospital, Sabathu)

Total number of medical colleges 1 (Ayurvedic College started in 1952)

Strength of staff on the preventive side of the department 155

Budget allotment to Public Health Department for the year 1953 54 Rs 12 77 lakhs excluding Rs 35 85 lakhs for the Medical Department

EDUCATION

Elementary Schools

Number of institutions Male 616 Female 112

Total enrolment Male 44 492 Female 7 691

Total expenditure Male Rs 15 58,859, Female Rs 2,39,105

Contribution by State Government Male Rs 15,58,084 Female Rs 2 22,694

By Local Authority Female Rs 768

By Private Agencies Male Rs 775, Female Rs 15,643

Number of teachers Male 968 Female 154

Secondary

Number of institutions Male 321, Female 45

Total enrolment Male 93 741, Female 12,182

Teachers Male 2,658 Female 480

Total expenditure Male Rs 39,41 853, Female Rs 5 81 272

Contribution by State Government Male Rs 1,58 549, Female Rs 4 65 664

By Local authority Female Rs 4 860

By Private agencies Male Rs 2 89,140, Female Rs 85 603

Fees Male Rs 20 94 172, Female Rs 25 145

Classical

Number of Sanskrit Pathshalas 7

Total enrolment 411

Government grant Rs 13,172

Arts Colleges

Total number of arts and science colleges 8

Total number of women s colleges 2

Total enrolment Male 2,967 Female 1,230

Teachers Male 171, Female 45

Total expenditure for the year (1952-53) Male Rs 9,16 328 Female Rs 97,329

Contribution by State Government Male Rs 6,20,100, Female Rs 98,883

By Private agencies Male Rs 41 918

Fees Male Rs 2,54,280 Female Rs 8,446

Professional Colleges

Total number of professional colleges (Commerce) 1

Total enrolment 39

Total number of Professors, Lecturers, etc 5

Total expenditure on professional education Rs 23,600

Contribution by way of Fees Rs 5,014

Contribution by State Government Rs 18 586

Normal Schools

Number of teachers' training institutions 1 (both for men and women)

Number of training institutions which confer degrees B T classes attached to one Degree College (Brijindra College, Faridkot)

Total number of teachers on staff of training institutions 8

Total number of students at Diploma institutions 322

Total number of students at Degree institutions 68 (B I)

Total number of new trained teachers available for staffing elementary schools in a year 675

Total number of new trained teachers available for staffing secondary schools in a year 33

Total expenditure on teacher training Rs 14 256 (excluding B T classes)

Contribution by the State Government Rs 678

Fees Rs 13 578

Commercial Training Institutions

Number of commercial training institutions 3 (Industrial 2 Technical 1)

Total enrolment 304

Total number of Instructors 23

Total expenditure Rs 55,348

Contribution by State Government Rs 10,182

By Private agencies Rs 341

Fees Rs 44 825

Research and other notable Institutions

Research Institute Kasauli (administered by Central Government) Lawrence School Sanawer (administered by Central Government) Yadavendra Public School Patiala (Trust)

University Scheme

No University at present But a bill was introduced in State Legislature in the November Session of 1952

Names of educational or research institutions in State to which the Central Government makes a grant Research Institute at Kasauli which is administered by the Central Government

Grant given by the Central Government in 1952 for education of Backward Classes Rs 6 80 000

Elementary education is not compulsory in the State

Social Education

Number of adults socially educated in a year 1,043

Total number of teachers available 119

Total number of adults educated since movement was started 1,783

Total expenditure Rs 8,318

Contributions from State Government Rs 8,318

In the session beginning from November 1951 to May 1952, 200 adult education centres were opened Out of this 119 centres functioned successfully 2 000 adults were on roll in the centres Out of this, 1,043 were made literate The duration of the course is for six months

In the summer session the classes are held after the school hours in the evening while in winter at night Literacy certificates are awarded to those adults who pass the literacy test conducted by Inspecting Officers Teachers of Government institutions impart instruction to the adults in Punjabi and Hindi languages

It is expected that within a period of five years, i e 1956-57 illiteracy will be removed from the whole State

Place of language in the education system Teaching of both the regional languages viz Punjabi and Hindi is compulsory The State is divided into two linguistic zones—Punjabi speaking area and Hindi speaking area In the Punjabi speaking zone, Punjabi is taught in the Primary stage from I to IV classes and Hindi is taught as compulsory language from IV to VII Similarly Hindi is taught as a compulsory language in the primary stage and Punjabi as second compulsory language from V to VIII in the Hindi zone

English is the medium of instruction at the College stage As College education in the State is under the control of the Punjab University any such scheme as envisages the replacement of English should emanate from that body

Working of Wardha Basic Education scheme in the State Scheme in regard to the opening of the Basic type schools has not yet materialized However proposals have been under the consideration of the State Government for a pretty long time in regard to the opening of a Basic Education Training School and other Basic Type Schools, etc

Plans for educational reconstruction or expansion Under the development plan 114 new Primary Schools are being opened 204 primary schools will be financed out of the General budget Proposals have been sent for upgrading 16 primary and 1 M Schools and 4 middle schools

10 posts are to be added to the existing High Middle L Middle and Primary Schools by way of improvement

LABOUR

Average daily number of workers in registered factories 33,823 Women 367
Industries in which a minimum wage has been fixed Rice, Flour and Dal Mills and Agriculture

Average monthly income of worker in 1950 Rs 82

Average monthly earnings of workers in each of more important industries Iron and Steel Rs 105 General Engineering Rs 90, Sewing machines Rs 71, Copper and Brass Rs 74 Vegetable oils Rs 79 Wheat flour and other food and drink products (sugar distillery etc) Rs 97 8 0 Misc Industries (Cement Glasswares, Tanning, etc) Rs 97 8 0

Number of Industrial Disputes in 1952 16

Number of strikes in 1952 5

Name of state law affecting trade disputes Industrial Disputes Act 1947

Number of Trade Unions under the Indian Trade Unions Act, 1926 8

Total membership 4 993

The Employees State Insurance Scheme has not so far been extended to this State

Number of Labour quarters constructed in the Factory Area in Patiala in 1952 53 30

Number of workers employed in newly set up factories 367

Number of new factories set up during 1952 12

ADMINISTRATIVE PERSONNEL

Rajpramukh, His Highness Yadavendra Singh, the Maharaja of Patiala

Rajpramukh's Secretariat

Secretary, Mathura Dass
Under Secretary, Kr Sita Ram
Military Secretary, Ritmohinder Singh
Comptroller, Household I/c, Major Inder Vikram Singh

Cabinet

Chief Minister, in charge of Gen Adm , Political, Police, Jails Information Justice, Dharamarth Law Legislation, Transport, Press, Col Bagh bir Singh

Finance, Education, Sales Tax Excise Industries, Supplies Brish Bhan

Public Works Local Self Govt Labour, Health, Shivdev Singh

Revenue Rehabilitation Survey, Settlement Harcharan Singh

Planning Development Agriculture Forests, Co operation, Archives, Museum, Raja Surin der Singh

Deputy Ministers

Deputy Minister to Chief Minister Master Sadhuram

Deputy Minister to Finance Minister Prem Singh Prem

Parliamentary Secretary

Parl Secy to Chief Minister Mrs Chandravati

Secretariat

Chief Secretary, Ranbir Singh, I A S

Financial Commissioner and Secretary, Civil Supplies and Industries Jaidev Singh Sodhi I A S

Law Education, Medical and Rehabilitation Secretary, Jagjit Singh

Development Secretary, R S Randhawa I A S

Finance Secretary, P K Wattal

Secretary P W D Raghbir Singh *(also Chief Engineer)*

Revenue Secretary Lal Singh

Deputy Secretary, Home, A N Kashyap

Under Secretary, Home, C D Kapur

Deputy Secretary, Revenue Balbir Singh

Under Secretary, Finance T N Mittal

Under Secretary, Development, T A Subbaramaniam

Under Secretary, Punjabi and Backward Classes Deptt , Puran Singh

Under Secretary, Education and Health Raghubir Dayal

Under Secretary, Rehabilitation I D Khanna

Officer on Special Duty for Re organisation of Secretariat Baghunath Dass Chaudha

Heads of Departments

Accountant General (Central), A K Mukerjee

Commissioner of Income tax (Central), P K Sen Gupta (at Simla)

Postmaster General (Central), P K S Chari (at Ambala Cantt)

Superintendent of Post Offices, Patiala Division Shiv Kumar

Commissioner Excise and Taxation (Prov) Pritmohinder Singh

Chief Conservator of Forests Balwant Singh

Chief Engineer, Raghbir Singh

Director of Industries and Labour, Amrit Rai

Custodian of Evacuee Property Mohan Lal Puri

Director of Agriculture Arjun Singh

Joint Director of Extension Amrik Singh Cheema

Director of Education C K Kapur

Director of Health Services, Col Raghunath Singh Marya

Director of Information, Sohan Lal Sahir

Inspector General of Police, Gurdial Singh, I P S

Director of Panchayats and Registrar of Co-operative Societies, Puran Singh

Advocate General, Dewan Chetan Das

Commissioner, Consolidation, H R Mishra

Director Punjabi Department Mangal Singh

Chief Electoral Officer, A N Kashyap

Director of Local Bodies Prem Sarup

Director of Archives Ganda Singh

PUBLIC SERVICE COMMISSION

Chairman, Sardar Mohan Singh

Member, B N Khosla

High Court

Chief Justice, J Kesho Ram Passey

Puisne Judge, J Girdhari Lal Chopra

Puisne Judge, J Gurnam Singh

Puisne Judge I Meher Singh

Registrar, Kartar Singh Sandhu

CENSUS

The populations of Districts are as follows

Patiala	524 269	Barnala	536,728 ,
Bhatinda	666 809	Fatehgarh Sahib	237 397 ,
Kapurthala	295 071	Mohindergarh	443 074
Kandaghat	147 403	Sangrur	642,934

TRADES & PROFESSIONS

KAMAL PHARMACY, Manufacturers & Representatives, Opp Railway Station, Sunam

RAM LALL MANGATRAI, Tel Add "Cotchilies" Phone 5 Importers, Exporters and Commission Agents, Sunam (PEPSU), Leading Merchants in Chillies & Grain-Seeds, Satisfaction guaranteed, Trial solicited

*

RAJASTHAN

Area 130,207 sq miles

Population (1951 census) 15 290,797 (Males 7,961,673, Females 7 329,124, Rural 12,641,430, Urban 2,649,367)

Population by religion Hindus 13,862,150, Sikhs 144,233, Jains 327,763, Muslims 949 348

Number of Scheduled Castes 1,609,074, Scheduled Tribes 316,348

Capital Jaipur

Number of Administrative divisions 5

Names of Administrative divisions giving the names of districts in each division within brackets 1) Jaipur Division (Jaipur Dist, Tonk Dist, Sawai Madhopur, Bharatpur Dist, Alwar Dist, Jhunjhunu Dist and Sikar Dist), 2) Bikaner Division (Bikaner Dist, Churu Dist and Ganganagar Dist), 3) Jodhpur Division (Jodhpur Dist, Barmer Dist Jalor Dist Pali Dist, *Nagor*, Jaisalmer Dist and Sirohi Dist), 4) Udaipur Division (Udaipur Dist, Dungarpur Dist, Banswara Dist, Chittorgarh Dist and Bhilwara Dist), 5) Kotah Division (Kotah Dist, Bundi Dist and Jhalawar Dist)

Rajasthani in its various dialects is spoken all over the State The common language is Hindi

Among castes and tribes the most numerous are the Brahmins, Jats, Mahajans, Chamars, Rajputs, Minas, Gujars, Bhils, Malis and Balais

GEOGRAPHY

The Aravalli mountains intersect the country from end to end by a line running north-east and south-west The heights of Mount Abu are close to the south western extremity of the range, while its north eastern end may be said to terminate near Khetri almost on the borders of Delhi

There are two main regions, one to the north west of the hills and the other to the south-east On the whole the north west region is sandy, ill-watered and unproductive, it improves gradually as we move from west to east In the extreme west it is mere desert, while towards the east it is comparatively fertile and habitable The only river of any consequence here is the Luni The great desert forming the whole of the frontier between Rajasthan and Sind is covered by sand hills on which grows a kind of coarse grass in the dry season and in the rains slightly richer vegetation The cultivation is everywhere poor and precarious Along the base of the Aravalli range the land is well cultivated

The region south east of the Aravallis is higher, more fertile, and very diversified in character It contains extensive hill ranges, long stretches of rocky wold and woodland The region is traversed by many rivers and in some parts there are wide valleys, fertile table lands and great stretches of excellent soil The chief rivers are Banas and Chambal

There are no natural fresh water lakes in Rajasthan, the only considerable basin being the well known salt lake at Sambhar There are, however, numerous artificial sheets of water in the eastern half of the State The oldest and the most famous are in Mewar, the Dhebar Lake, the Raj Samand and the Pichola Lake at Udaipur city

Rainfall is very unequally distributed through out Rajasthan The summers are very hot hot winds and dust storms are common The winters are very cold The change of temperature between day and night is sudden, excessive and very trying

MINERALS, MANUFACTURES

The most important mineral in Rajasthan is coal, but it is of inferior quality It is generally mixed with the Bengal variety before use Other ores are copper, iron, cobalt but all are present in small quantity The rocks of Rajasthan are rich in building material Limestone is abundant One variety is a fine grained crystalline marble, another variety, the Jaisalmer marble as it is sometimes called is well adapted for fine carving Sandstone is plentiful almost everywhere, varying greatly in texture and colour Fuller's earth occurs in parts of Bikaner and gypsum in Jodh pur Rajasthan has vast salt resources

The more important industries are the weaving of muslin, dyeing and printing of cotton cloths, manufacture of carpets, rugs and other woollen fabrics, enamelling, pottery, and work in ivory, lac, brass, steel, stone, etc Jaipur is pre-eminent for enamelling on gold The best pottery is also produced in Jaipur Brass and copper utensils of daily use are manufactured everywhere Sword blades daggers knives are manufactured in Jhalawar

Among the chief exports are salt, wool, woollen fabrics, raw cotton, oilseeds, opium, ghee, marble and sandstone, hides, printed cloths, camels, cattle, sheep and goats The main imports include food grains, cotton goods, sugar, tobacco, metals, timber and kerosene oil The principal trade centres are the capitals of the former States.

AGRICULTURE

Main Food Crops of the State (*a*) Kharif Crops (Rice, Bajra, Jowar and Maize) (*b*) Rabi Crops (Wheat, Barley and Gram)

Main cash crops of the State (*a*) Oil seeds (Sesamum, Groundnut Rape and Mustard and Linseed), (*b*) Cotton, (*c*) Sugarcane

Total production of Food Crops 2,216,000 tons (according to crops cutting surveys conducted in 1952 53) (Bajra 475,000 tons, Jowar 310,000 tons, Maize 246,000 tons, Wheat 559 000 tons Barley 385 000 tons, Gram 234,000 tons and Rice 7,000 tons)

Production of individual cash crops (as per forecast report 1950 51) (*a*) Oil seeds (Sesamum 52 000 tons Groundnut 13,000 tons, Rape and Mustard 35 000 tons, Linseed 12 000 tons), (*b*) Cotton 13 000 tons (*c*) Sugarcane 16,000 tons

Total area of Rajasthan 83 332 288 acres
Total area of cultivated land 29 957 000 (1950-51)
Total area of cultivable land 50,263,000 acres (1950 51) (including cultivated area)
Total area cultivated twice 1,046,198 acres (1950-51)

Total area under Food Crops 15 654,000 acres
Total area under cash crops 2,248,000 acres (1950 51)

Area under individual Food Crops Bajra 8,701 000 acres, Jowar 2,002,000 acres, Maize 790,000 acres, Wheat 1,567,000 acres, Barley 867 000 acres, Gram 1,522,000 acres, Rice 205,000 acres

Area under individual cash crops in 1950-51 (*a*) Oil seeds (Sesamum 1,046,000 acres, Groundnut 90,000 acres, Rape and Mustard 385,000 acres, Linseed 264,000 acres, (*b*) Cotton 375,000 acres, (*c*) Sugarcane 43,000 acres, (*d*) Others 45,000 acres

Area possibly available for further cultivation through reclamation measures 11,321,000 acres

Fruit gardens 132 (State managed)

Fish Variety of Fish produced There are large numbers of tanks, lakes and rivers in which inland fishes are found The main species are the major carps, *viz* Rohu, Naren Mirigal, Kalbons, Katla and other varieties, *e g* Puti Lanchi, Sole, etc are also found

Land Reclamation

Number of tractors available 506 (according to 1951 livestock census)

STATE HELP FOR AGRICULTURE

Manures distributed under State auspices and their quantity (1950-51) Quantity of compost 14,450 tons, Oil cakes 170 md, Fertilizers 310 tons

Quantity of improved seeds distributed 48,979 md (1950 51)

Monetary or other help given by Government to cultivators Rs 3,52,000 were sanctioned to 111 persons for the purchase of pumping sets and Rs 7 98,000 were sanctioned to 117 persons for the purchase of tractors and implements out of the total grant of Rs 10 lakhs as *taccavi* loans

Number of Agricultural Experimental farms 20

Plant Protection Organisation and its Operation The Plant Protection Organisation has its two fold activities

(*i*) *Anti-Locust Operations* The present locust cycle commenced in 1949 Nearly 4,130 sq miles of the cultivated area were infested with locust hoppers To meet this emergency all the staff of Plant Protection and Entomology Section and District Staff was canalised for this purpose Locust control equipment in the form of hand dusting machines, power dusters flame throwers and Pesticides were extensively used in the infested areas The Anti Locust Operations were successful and completely saved the Kharif Crops of 1951 and Rabi Crops of 1951 52 and nowhere hoppers were allowed to develop into adult locust swarms

(*ii*) *Plant Protection Measures* Under these measures, the following specific items were attended to —

(*i*) *Anti-Rat Campaigns* Campaigns against field rats were carried out in Jaipur, Ganganagar, Udaipur Dungarpur, Bharatpur, Alwar, Tonk, Kotah and Jodhpur Districts In all about 27,250 acres of cultivated land were cleared of rats by the use of Strychnine Hydrochloride and Zinc-Phosphide baits and H C N Gas fumigation

(*ii*) *Grasshoppers* (*Phakha*) Special staff was deputed for control of this in Kharif, 1951 52,000 acres of cropped area and 30 000 acres of uncultivated area were dusted with B H C dust from end of June upto end of September It is estimated that this might have resulted in the saving of Rs 51 lakhs worth of crops

(*iii*) *Control of Insect Pests of Rabi crops* Five per cent B H C dust was dusted in 33 acres of wheat crops, 330 acres of Barley crops and 40 acres of linseed crops in 1951

(*iv*) *Control Operations against Pests and Diseases of Vegetable and Fruits* About 12,000 citrus trees and 3,000 mango trees were sprayed against the pests and diseases affecting them Some of the area under vegetable was also sprayed

(*v*) *Others* For the control of sugarcane Pyrilla which forms the sugarcane crops, about 82 acres of sugarcane were dusted For the control of pink boll-warms, 400 md of Cotton seed distributed by the Agriculture Department were fumigated by Methyl Bromide

Targets set for food crops 35,000 tons in 1952

Highest yield per acre of different crops for which prizes were offered in competition Wheat 52 mds 22 seers per acre, Potato 1,003 md per acre

Budget grant for work outlined above Rs 2,485,000 (1952 53)

Number of veterinary experimental stations There is one Pathology Laboratory at Jaipur and one Biological Products Laboratory at Jodhpur

Number of Veterinary Hospitals 132 besides 5 Veterinary Hospitals run by District Boards

Number of surgeons and stockmen 59 Veterinary Asstt Surgeons, 90 Compounders, 127 Stockmen and 65 Dressers

Budget allotment for the Veterinary Department for the year 1953 54 Rs 12,00,000

FORESTS

Location of forests (in forest Divisions) and area in each division Udaipur 3,279 sq miles, Chittorgarh 1,154 sq miles, Jodhpur 536 75 sq miles, Banswara 1,693 sq miles, Sirohi 440 sq miles, Jaipur 402 sq miles, Bharatpur 934 sq miles, Tonk 219 sq miles, Kotah 175 sq miles, Bundi 1,070 sq miles, Jhalawar 2,510 sq miles, Baran 717 sq miles

Total forest area in State 13,129 sq miles

The total area shown above includes, private forests of Udaipur, Chittor, Banswara, Tonk, Kotah, Baran, Jhalawar and Bundi Divisions

Main types of forests Teak, Bamboo, Dhokara (firewood) and Khair

Total revenue from forest for 1952 53 Rs 38,76,927

Total expenditure Rs 25,36,078

Main forest produce Timber, Firewood, Charcoal, Bamboos, Grass, Anwal bark, Katha, Gum and Tendu leaves

Expenditure on afforestation undertaken during the year 1953 (conservancy and regeneration) Rs 72,562

LIVE-STOCK

Total number of cattle Cows 3,863,673, Buffaloes 1,544,843, Bullocks 3,083,343

Total number of horses 75,771, Sheep and goats 5,261,158

Other livestock Donkeys 124,340, Mules 3,763, Camels 339,063

Number of chief varieties of fowls Cocks 104,504, Hens 44,127, Chickens 81,669, Ducks 892, Drakes 1,202, Ducklings 10,692

LAND TENURE

Land Tenure Systems in the State

About 41 Tenures of Jagir Land (Section 1 of R L R and R J Act, 1952)

Laws Governing each of these Tenure Systems The Bundi State Tenancy Act, The Bikaner Tenancy Act, 1945, The Marwar Tenancy Act, 1949, The Jaipur Tenancy Act, 1945, The Jaipur State Grants Land Tenures Act, 1947, The Rajasthan Protection of Tenants Ordinance, The Rajasthan Revenue Courts (Procedure and Jurisdiction) Act, 1951, The Rajasthan Produce Rent Regulating Act, 1951, The Rajasthan Agricultural Rents Control Act, 1952

These Tenancy Acts will be repealed when the Rajasthan Tenancy Bill becomes an Act

Brief Summary of the more important provisions of each of these Tenancy Acts Different Tenancy Acts of covenanting States which are in force at present, will be repealed when the Rajasthan Tenancy Bill is enacted This Bill aims at introducing uniform Tenancy Law for the whole of the State and will remove the diversity of conditions prevailing in different parts of Rajasthan in respect of Land Tenures and relations of tenant and landlords

Law passed for expropriating, non proprietary rented class (Zamindari, Jagirdari abolition) The Rajasthan Land Reforms and Resumption of Jagirs Act, 1952 has been enacted for the resumption of Jagir Lands, with the exception of jagirs utilised for the maintenance of any place of religious worship or for the performance of religious service and such jagirs, the income of which does not exceed Rs 5,000 It also contains provisions for allotment of Khudkast land to Jagirdars and for other land reforms, like grant of Khatedari rights to jagir tenants

Main provisions of this Law especially about compensation

Every jagirdar whose jagir land has been resumed has to file within 2 months from the date of resumption, a Statement of claim for compensation in a prescribed form before the Jagir Commissioner On receipt of the statement of claim the Jagir Commissioner shall determine the amount of compensation Principles governing the determination of compensation are —Basic year, Gross income, Calculation of income from rent Net income and amount of compensation money Broadly, the compensation payable to Jagirdar shall be 10 times his net income

Persons who will be expropriated under the Law All Jagirdars and their dependants except those who have got income less than Rs 5,000 from their jagirs

Area of the land that will be released in consequence 82,000 sq miles comprising jagir area in the State

Proportion of this Land to the total area of the State About 40 per cent

Persons to whom this land is to be allotted The landless peasants for Khudkast

This Law has been put into operation with effect from 18th February 1952, but the jagirs have not been resumed due to writ petitions filed by the jagirdars challenging the validity of the Rajasthan Land Reforms and Resumption of Jagir Act 1952 in the High Court of Judicature, Rajasthan The case is still *sub judice*

Source of acquisition of compensation money From the resources of the State with the assistance of the Central Government

How the tenants are helped to acquire the land so released Rules regarding allotment of land to landless tenants are under contemplation according to which they will be allotted vacant land on application to the local Revenue authorities

IRRIGATION

Names of irrigation projects in operation in the respective divisions showing the area irrigated

Udaipur Division Madar 300 acres Fateh Sagar lake with channels 500 acres, Sawaroop Sagar and Pichola with channels 500 acres, Bhupal Sagar tank 6,000 acres, Jai Samand lake 15,000 acres

Kankroli Division Raj Samand 10,000 acres

Kotah Division Ummed Sagar tank including, Bangarh canals 6 000 acres

Irrigation West Division, Jaipur Chaparwara 900 acres

Jawai Division Surpura 845 acres, Jaswant Sagar 10,471 acres, Sursamand 7,600 acres

Matsya Division Sikar 41,669 acres Jai sanand 3,360 acres, Jey Sagar 1,799 acres, Mangalsar 325 acres, Boothara 2,375 acres, Ajan Bund 22,950 acres, Pichuna Canal 10 600 acres, Ramsagar tank and canal 4,389 acres, Urmila tank and canal 2,950 acres, Talshai tank and channel 436 acres

East Division Sainthal Sagar 3,031 acres J Ramgarh 16,278 acres, Madho Sagar 2,181 acres, Mansarowar 3,611 acres, Gala Sagar 5,287 acres, Dhil 7 000 acres

Number of irrigation projects in execution, the total area to be irrigated and total cost, in each division Kankroli Division 2, 54,000 acres, Rs 70 lakhs, Jawai Division 4, 101,500 acres, Rs 377 3 lakhs, Jaipur East Division 4, 37,280 acres, Rs 65 68 lakhs, Jaipur West Division 1, Matsya Division 1, 16,000 acres, Rs 50 lakhs, Kotah Division 1 30,000 acres, Rs 34 lakhs

These works are to be financed from the loan from the Government of India under the first Five Year Plan and from the grant of Rs 50 lakhs under E C A Agreement

Number of other small projects included in the Five Year Plan, area to be irrigated and the cost 107 schemes, 356,451 acres, Rs 710 37 lakhs

Number of minor irrigation works to be completed during 1953 54, area to be irrigated and the cost 161 works, 75 600 acres Rs 30 50 lakhs (Financed from the first loan of Rs 30 lakhs from the Government of India)

POWER PROJECTS

Total capacity of power plant installed in State	33,119	kW
Total effective capacity	24 49)	kW
Total production during the year 1952	98,859 306	units
Number of units supplied to industry	15 886 286	,,
Number of units supplied for irrigation purposes and agricultural purposes	9,384 167	,,
Number of units supplied for domestic purposes	8,347 876	,,

Electric power for Rajasthan from Bhakra Nangal Project will be received at Sri Ganganagar and Ramgarh Rajasthan is a partner in the electricity part of the Bhakra Nangal Project, the other two partners being Punjab and PEPSU It is a multi purpose project

The electric power will be generated at Nangal Power Houses No 1 and 2 and Power House at Bhakra Dam This work will be done on a common pool basis In Rajasthan, transmission and distribution of the electric energy will be done for catering the load The works on the generating stations started in 1950 The works for transmission and distribution of electric energy in Rajasthan was expected to commence in 1953 54 and will continue till 1963 64 Major transmission and distribution lines will be completed by 1955 56 and extensions and augmentations of these lines will continue till 1963-64 Total firm power amounting to 105,000 kW would be available in post Bhakra stage

The generation of electrical power will be in three stages The two power stations with an ultimate capacity of 72,000 kW will be situated on Nangal Canal taking off from the Sutlej river at a point 8 miles below the proposed Bhakra Dam and ultimately joining the main river

Electric power from Sri Ganganagar and Rajgarh will be transmitted for distribution to 39 towns and rural areas catering to a load of 10,000 kW It is expected that load will grow very rapidly once the importance of electric light and power is appreciated

The main transmission of the electric power will be made on 66 and 33 kV and the distribution voltage will be 11 kV Length of the new transmission lines will be as follows —

66 kV lines	295 miles
33 kV lines	145 miles
11 kV lines	370 miles
Total	810 miles

The shares of the partners are as follows —

Punjab	62 4 per cent
PEPSU	22 4 per cent
Rajasthan	15 2 per cent

It is expected that financial help from the Central Government would be available in the form of loan In addition to this the Rajasthan Government will finance the project from State funds,

Summary of the total capital cost upto the end of the year 1963 64 of the whole project for Rajasthan is given below —

Common pool pro rata share of Rajasthan	*Cost in lakhs of rupees*
Production	Rs 187 400
Transmission	, 166 240
Total	Rs 353 640
Rajasthan	
Transmission	Rs 241 962
Distribution	233 424
Total	Rs 475 386
Grand Total	Rs 829 026

Estimated rise in output after completion It would be possible to cater a load to the extent of 15 000 kW by the end of the year 1963 64

Chambal River Scheme The planning of this scheme is under finalisation It is a multi purpose type and will serve about 14,000 sq miles and a population of 20 millions in Rajasthan and Madhya Bharat In total 81 localities will be served by this scheme out of which 29 localities fall in Rajasthan

The project has been divided into three stages The first stage will have two Dams with one Power Station near the first dam *i e* Gandhisagar Dam, the barrage together with the entire canal system and a part of the transmission system 60 000 kW of power will be developed It is expected that the first stage will be completed by 1957 58 The second and third stages consist of three dams with a Power Station at each and a barrage, with the necessary canal and transmission systems

The cost of works is as follows First stage Rs 33 75 crores, Second stage Rs 8 05 crores Third stage Rs 7 50 crores Total Rs 49 30 crores

This will increase power to 200 000 kW The Gandhisagar Dam will be situated at a distance of 5 miles downstream of Chaurasigarh Fort where the boundary between Rajasthan and Madhya Bharat runs through the centre of the river The power potential of the site is 60 000 kW at 60 per cent load factor

The Rana Pratap Sagar Dam will be located at a distance of 22 miles downstream of the Gandhisagar Dam The power potential of the site is 80 000 kW at 60 per cent load factor

The Kotah Dam will be the third in series and will be built in the river gorge about 10 miles above Kotah City with a power station at its foot It will be possible to generate about 60,000 kW at 60 per cent load factor

The project will be financed by the Madhya Bharat and Rajasthan Governments

The load to be catered in Rajasthan by this project —

	Effective demand in kW
Stage I	10 700
Stage II	31,000
Stage III	38,500
Total	80,200

Names of power stations in operation with their capacity in kW and production during 1952 in units in brackets Jaipur (13,250 kW 21,767 272 units), Bikaner (10,076 kW , 17 444,612 units), Jodhpur (3,640 kW 9 466 399 units) Alwar (900 kW , 953 136 units), Bharatpur (925 kW , 898,778 units), Bhilwara (60 kW , 29 627 units, March 1952 to December 1952), Deeg (65 kW , Mixed with Alwar figure), Dholpur (470 kW 649,208 units), Dungarpur (209 kW , 159,744 units July 1952 to December 1952), Jaisalmer (129 kW , 91,538 units), Jhalawar (141 kW 79 054 units) Karauli (87 kW , 143 409 units) Kishangarh (180 kW , 108 465 units), Sri Ganganagar (1,550 kW , 3,756,032 units), Kotah (750 kW , 2,719,980 units), Newai (180 kW , 68,993 units), Sagwara (45 kW) Shahpura (22 5 kW , 34,235 units), Tonk (440 kW , 387,824 units)

Total production during 1952 58 859,306 units

PUBLIC HEALTH

Allopathic Hospitals Urban—162, Rural—56
Allopathic Dispensaries Urban—81, Rural—84
Beds in Hospitals Urban—4,896, Rural 257
T B Sanatorium one beds 54
T B Hospitals four, beds 172
T B Clinic one, beds nil
T B beds in General Hospitals 24
Leper Asylums two, beds 83
Mental Hospitals three, beds 184
Budgeted sanctioned strength of nurses 295, Dais 110, Compounders 1,332
Indoor Patients 1 lakh approximately
Outdoor patients 6 millions approximately
Hospitals 218 Dispensaries 165
Budgeted strength of doctors including that of administration 728
Medical College one (Allopathic)
Medical students in Allopathic College during the year 1951 52 343
Budgeted sanctioned strength of staff on the preventive side of Health Department 444
Budget allotment for 1953 54 Rs 9,98 800
Number of nature cure dispensaries 1, Homoeopathic dispensaries 2, Ayurvedic dispensaries 340, Unani dispensaries 7 (Urban 3, Rural 4)
Total number of Vaidyas and Hakeems 391 (Vaidyas in Urban areas 43, in rural areas 336, Hakeems in Urban areas 8 in rural areas 4)
Number of nurses 23 (Urban 11, Rural 12)
Number of Compounders 160

CIVIL SUPPLIES

There is no statutory rationing in this State However, foodstuffs are supplied in certain areas at controlled rates

As far as wheat is concerned the quantum of ration is 9 oz per adult per day For coarse grain there is no quantitative restriction on issue and this grain is freely issued subject to the availability of stock at a particular place and time

There is a free market throughout the State and consumers are at liberty to supplement their requirements

Monthly requirement of State according to the quota About 6 000 tons per month

Degree of Control in the State The control is being gradually relaxed with certain reservations with a view to decontrol There is no control on movement within the State except at the time of procurement, when dealers are at liberty to move after delivering the State levy fixed at a certain percentage At present the levy is fixed at 40 per cent on the stock This percentage varies from year to year, but variations are not very significant

States requirements in Rice 10 000 tons (Due to overall scarcity of rice in the country this requirement cannot be fulfilled) Wheat 50,000 tons, Millets and Others 50 000 tons Sugar 60 000 tons, Kerosene Oil No control Salt 2,600 000 md , Yarn 20,000 bales Cloth 1 50,000 bales

Note These are the nett requirements after meeting internal production except cloth, yarn and salt

Articles in which the State is surplus and the actual surplus Only in salt the nett surplus varying from 8 million to 10 million md

Articles in which the State is deficit and the actual deficit Rice 10,000 tons Wheat 50,000 tons Millets and others 50,000 tons, Sugar 60,000 tons

Import quotas of these articles The import quota under the existing system is not allotted to individual States, but import licences are issued to parties on the basis notified by the Government of India from time to time

Amount of wheat, of rice, of millets procured during 1952 Wheat 6,00,000 mds , Other foodgrains 6,00,000 mds

System of procurement Through levy on movement by dealers from surplus to deficit areas

Population living under ration system No statutory rationing Benefit of controlled distribution open to the public The area in which this controlled distribution is in force at present comprises of 1 9 million urban population and 2 2 million rural population

Number of towns in the State in which there is controlled distribution 59

CO-OPERATION

Total Number of Co operative Societies 3,442 (30th June 1952)
Total membership 1,57,843
Total working capital Rs 2,10,51,545
Type of Co operative Societies and their number
Central Credit Central Banks 10, Central Financing Unions 3
Central Non Credit Federations 8 Marketing Unions 20, Commission Shops 5, Award Union 1 Agricultural Requirement Supply Union 1
Agricultural Credit Primary Agricultural Credit 1,734, Gram Banks 5
Agricultural Non Credit Multipurpose 231, Commission shops 6 Purchase and Sale Societies 64, Production and Sale 19 Farming 65, Social Service 254 Primary Land Mortgage Banks 10
Urban Credit Salary earners 110, Labour and other 94
Non-Agricultural Non Credit Consumers Stores 372, Weavers 412, Khadi Producers 5 Calico Printers 11 Hand Made Paper Makers 12 Others 65 Production 38, Social Service 8 Housing 19
Number of District and Central Banks 10
Budget allotment for 1952 53 Rs 6 1 lakhs

TRANSPORT

Total mileage of roads 11,102 miles
Mileage of metalled roads 3 519 miles
Mileage of unmetalled roads 7,583 miles
Mileage of metalled roads maintained by P W D 3 519 miles
Mileage of unmetalled roads maintained by P W D 7 583 miles
Total number of Aerodromes 3
Number of passenger service buses 2,026
Number of goods carrying vehicles 2,877
Number of taxi and contract carriages 151
Number of private cars 4,814

LABOUR

Number of registered factories at the end of *April 1953* 365
Average daily number of workers in registered factories 12 013
Names of industries in which a minimum wage is fixed and the minimum wages so fixed

Agriculture Adult male worker Rs 1-4-0 a day inclusive of all privileges in the area, Adult female worker Annas 14 a day inclusive of all privileges in the area, Child worker of or below the age of 15 years Annas 10 a day inclusive of all privileges in the area

Woollen carpet making or shawl weaving establishment, rice mill, flour mill or dal mill tobacco (including bidi making) manufacturing, Oil mill, Employment under any local authority, Public motor transport

Minimum wage fixed For adults (male) Rs 30 p m or Rs 1 2 0 per day for 26 days in a month (This includes D A and all other allowances)

Road construction or building operations Minimum wage fixed For adults (male) Rs 30 p m or Rs 1 2-0 per day for 26 days in a month (This includes D A and all other allowances

Stone breaking or stone crushing, Mica works Minimum wage fixed For adults (female) Rs 20 p m or Annas 12 per day for 26 days in a month (This includes D A and all other allowances)

Total number of trade disputes for the year 68
Total number of strikes 13
Names of important State laws affecting trade disputes Nil
Number of trade Unions in State upto 31st March 1953 54
Strength of Labour Welfare Staff One lady Labour Welfare Officer, with one Junior Clerk

EDUCATION, 1952-53

Number of Elementary Schools (Boys 3,794, Girls 301)
Total enrolment Boys 1,60,269 Girls 27,123
Total number of teachers Males 8,057, Females 985
Total expenditure Rs 71,14,859
Contribution by State Government Rs 6,44,680
Total number of Secondary Schools Boys 852, Girls 66
Total enrolment Boys 1,63,291, Girls 4,250
Total number of teachers Males 2,272, Females 275
Total expenditure for the year Rs 44,03,664
Contribution by State Rs 8,12,551
Number of European and Anglo-Indian Schools 8
Total enrolment Boys 1,134, Girls 345
Govt Grant by Central Government Rs 126,540 Fees Rs 32,127
Number of Government Sanskrit Pathshalas 20
Total enrolment 227
Total number of Arts and Science Colleges Boys 7, Girls 2
Total enrolment Boys 7,168 Girls 547
Total number of lecturers Males 351, Females 7
Total expenditure Rs 16,7) 349

Professional Colleges	No	*Students*	*Staff*	*Expenditure*
				Rs
Law College	1	319	9	3,568
Medical College	1	299 (14) G	58	6,12,569
Engineering College	1	52	20	2,10,710
Agricultural College	1	48	14	85,333

Total expenditure incurred on all these Rs 9 17 180

Number of Ayurvedic Colleges run by the State Government 2
Number of students in these Colleges 120
Total number of teachers training institutions Men 12 Women 2
Number of training institutions which confer degrees 2
Total number of teachers on staff of training institutions 167
Total number of students at diploma institutions Males 720, Females 120
Total number of students at degree institutions 121
Total number of new trained teachers available for staffing elementary schools in a year 840
Total Number of new trained teachers available for staffing secondary schools in a year 100
Total expenditure on teacher training Rs 6,82,418 (Males), 25,250 (Females)

Research Institutes

University Department of Economics, Jaipur, University Department of Philosophy Jodhpur, University Department of Geology, Udaipur

There is only one University in the State and it is named as 'University of Rajputana, Jaipur

Institution for Deaf and Dumb	1
Total enrolment	29
Number of teachers	9
Government Grant	Rs 10,431

Social Education

Centres for social education Males 150, Females 70

Number of teachers available Teachers are provided in these centres on a honorarium of Rs 15 and Rs 20 for males and females respectively

Number of adults educated in a year 26,400
Total number of adults educated since the movement started 1,15,950
Total expenditure Rs 1,18,000

The Campaign is to continue till illiteracy is wiped out from the soil of Rajasthan and Primary Education is made compulsory

Elementary education is not compulsory It is free throughout the Directorate

Place of language in the education system Regional language is not in force Hindi is compulsory English is compulsory after VI Hindi is the medium of instruction

Examinations which a student has to take Two examinations are to be undergone One the Departmental examination managed by the Department (A Registrar is appointed for the purpose and he is responsible for the conduct of Examinations) The other is of *High School Examination* It is conducted *by the University of Rajputana* The total number of students appeared was 10,420 and the number passed was 5 044 Thus the failure percentage was 52

High Schools in Rajasthan

Jaipur

Government High Schools Maharaja s Girls High School, Jaipur, Maharaja s High School, Jaipur, Darbar High School Jaipur, Rajkiya High School, Motikatla Jaipur, Rajkiya High School Naraina Rajkiya High School, Shahpura, Darbar High School, Sambhar Lake Maharani Girls High School Jaipur Government High School Bandikui Government High School, Basawa, Government High School, Lalsot

Private High Schools Maheshwari High School, Jaipur, K D Jain High School, Madanganj, Scottish Mission High School, Jaipur Muslim High School Jaipur Agrawal High School, Jaipur Bhandelwal Vaish Central High School, Jaipur Shri Mahabir Diggamber Jain High School Jaipur, Shri Subodh Jain High School, Jaipur Shwetamber Jain High School Jaipur Shri Sardar High School Kotputali Seth Pratap Rameshwarlal Sanhariya High School Kaladera, Calcutta Marwari Relief Society High School Kishangarh, Renwal, Devi Raj High School Chomu, Shri Bhawani Niketan High School Jaipur West, St Xavier High School, Jaipur, Railway High School, Bandikui

Jodhpur

Government High Schools Mahatma Gandhi High School, Jodhpur, Darbar High School, Mahilabagh, Jodhpur Darbar High School, Phalodi, Darbar High School, Pali, Darbar High School, Bali Darbar High School, Sojat, Darbar High School Sumerpur, Darbar High School Sadri, Darbar High School, Takhatgarh, Darbar High School Barmer, Darbar High School, Balotra, Darbar High School, Jalore Darbar High School Bhinmal, Darbar High School Nagore, Darbar High School Ladnun, Darbar High School, Makrana, Darbar High School, Merta Road, Darbar High School, Nawa, Darbar High School, Jaswantgarh, Darbar High School, G H B D High School, Sheoganj, Jawhar High School Kuchaman City Darbar Colvin High School Jaisalmer Darbar Girls Hewson School, Mandhi, Jodhpur

Private High Schools Shri Sumer Pustikar High School Jodhpur, Shri Sumer High School, Jodhpur, Shri Umed High School, Jodhpur, Shri Sardar High School, Jodhpur, Shri Pratap High School, Jodhpur, Modern High School Jodhpur, Nehru High School Jodhpur, Mahesh High School, Jodhpur, Hanwant High School Jodhpur, Chopasani High School, Jodhpur Vidya Bhawan, Jodhpur, Shri Parasnath High School, Verkana

Kotah

Government High Schools City High School, Kotah New High School, Kotah, Vocational High School, Kotah, Govt High School, Bhimmandhi, Kotah, Anglo Vernacular High School Baran, Govt High School, Ramganj, Mandhi, Govt High School, Chhabara, Govt High School, Indergarh, Ranjit High School, Keshoriii, Patan, Govt High School, Nainwa, Sahadat High School, Sirenj, Seth Anandi Lal Poddar High School Bhawani Mandhi, Govt High School, Gangapur, Govt High School, Hindon, Govt High School, Sawaimadhopur, Govt High School, Malpura, Govt High School, Karoli, Govt High School, Niwai, Govt High School, Lakhari, Govt High School, Jhalrapatan, Govt High School, Aklera, Govt High School, Toda Raisingh, Govt High School, Mahwa

Private High School Sardar High School, Umara

Sikar

Govt High Schools Government High School Shri Madhopur, Govt High School, Jhunjhunu, Govt High School, Kamta, Govt High School Neemkathana, Govt High School, Amarsar, Govt High School, Losal

Private High Schools Jai Singh High School Khetri, Birla Balika Vidyapith, Pilani, Birla High School, Pilani, Seth G B Podar High School, Nawalgarh, S N Vidyalaya High School Nawalgarh, Seth Ram Narain Ruia High School, Ramgarh, Shri Raghunath High School, Lachhmangarh, Bishwambhar Lal High School, Bagar, Shri Ramchandra Goenka High School, Dundlod, Shri Pali Ram Brij Lal High School, Surajgarh, Seth Moti Lal High School Jhunjhunu Shri J k High School, Alsisar, Shri Vishudanand High School, Malsisar P O Bissau Seth Shiv Dutta Rai High School Baragaon Shri Sanatan Dharma Panchyat Vidyalaya, Mandawa

Alwar

Government High Schools Yashwant High School, Alwar Pratap High School, Alwar, High School, Rajgarh, High School Tijara High School, Kherli, High School Sahajanpur High School, Bhusawar, High School Deeg High School Bharatpur, High School Bayana High School Dholpur, High School Kama' High School Laxmangarh, Bhimraj High School, Barrod S M D Girls High School Alwar, S B k Girls High School Bharatpur

Bikaner

Government High Schools Sadul High School, Bikaner, City High School Bikaner Fort High School, Bikaner, Mohta Mool Chand High School Bikaner, S B Chopra High School, Gangashahr, Shri Karni High School Deshnoke Govt High School, Dungargarh, Bagla High School Churu, P C B High School, Sujangarh, S D C High School Bikasar, Govt High School Rajgarh Govt High School, Taranagar, Govt High School Ridsinghnagar Govt High School, Karanpur, Govt High School Bhadra, Govt High School, Nohar, Govt Girls High School Ganganagar, Jawahir High School, Bhinasar

Private High Schools Sadul Puskarana High School Bikaner, B k Vidyalava High School, Bikaner, Shri Jain Swetamber High School, Bikaner Shri Jain Swetamber High School, Churu, K S R High School, Ratangarh Khalsa High School, Ganganagar, D A V High School Ganganagar, Gramothan Vidyapith, Sangaria, S D High School, Ganganagar

Udaipur

Government High Schools Fateh High School, Udaipur, Girls High School, Udaipur, Lambardar High School, Udaipur Kanwarpada High School, Udaipur, High School, Kapsin,

High School, Kushalgarh, High School, Garhi, High School, Chittorgarh, High School, Jhazpur, High School, Dungarpur, High School, Devgarh, High School, Nathdwara, High School, Nimbahera, High School, Pratapgarh, High School, Banera, High School, Bari Sadri, High School, Bhim, High School, Bhinder, High School, Rajnagar, High School, Shahpura, High School, Salumber, High School, Sagwara

ADMINISTRATIVE PERSONNEL

Maharajpramukh
The Maharana of Udaipur
Rajpramukh
The Maharaja of Jaipur
Uprajpramukh
The Maharao of Kotah
Rajpramukh's Personal Staff
Secretary, R D Khanna, MA, RAS
Military Secretary, Major Rawat Singh
A D Cs, Capt Moolraj Singh, Capt Raghubir Singh

Counsellor, Hari Sharma

Council of Ministers

Chief Minister in charge of General Supervision and Co ordination, General Administration, Appointments, Political, Co ordination, Home (except Transport), Judicial Department, Legal Remembrancer's Office and Law Department and Legislative Assembly and Elections, Jainarain Vyas
Finance, Public Works, Irrigation, Community Projects, Law Judicial, Tikaram Paliwal
Minister for Agriculture, Revenue (except Forests and Co-operation), and Famine Relief, Mohanlal Sukhadia.
Minister for Education, Separate Revenue, Bhola Nath
Minister for Food and Civil Supplies, Scheduled Castes, Scheduled Tribes and Backward Classes, Devasthan, Bhogi Lal Pandya
Minister for Forests, Co-operation, Refugee Relief and Rehabilitation including Evacuee Property, Amrit Lal Yadav
Minister for Transport, Labour and Local Self Government (including Urban Development), Ram Karan Joshi
Minister for Public Health, Medical, Kumbha Ram Arya
Deputy Minister (Finance Law), Chandan Mal Vaidya.
Deputy Minister (Home), Narsinha Kachhwaha

Secretariat

Chief Secretary, B G Rao ICS
Secretary, Home and Transport, Sanwaldan Ujwal, IAS
Secretary, Finance, Development and Development Commissioner, G S Purohit, RAS
Secretary, Revenue, Gulzari Lal Mathur, RAS
Secretary, Industries and Commerce, Civil Supplies and Labour Depts, G L Mehta, IAS
Secretary, Local Self-Government, Medical S L Kakar, IAS
Secretary, Education, Separate Revenue, J N Purohit, RAS
Secretary, P W D, Irrigation, Relief and Rehabilitation, Kamta Prasad Gupta, RAS
Secretary, Judicial and Legal Remembrancer, P D Loiwal
Secretary, Agriculture, Forests and Co operatives, R D Mathur, IAS

HEADS OF DEPARTMENTS

Acting Director of Education, Gajraj Singh
Director of Industries and Commerce, Chandradhar Issar RAS
Director of Agriculture Samarth Raj
Director of Local Bodies, Bhawani Singh Ranawat, RAS
Director of Development, G B K Hooja, IAS
Director of Medical and Health Services, Vacant
Director of Public Relations, Shyam Karan, IAS
Director of Ayurveda, Vaidyaraj Nand Kishore
Director, Backward Classes, J S Metha, RAS
Inspector-General of Police, K D Billimoria, IP
Inspector-General of Prisons, Ram Singh
Commissioner of Civil Supplies, Ajit Singh, RAS
Chief Engineer, Roads and Buildings, Kishore Lal
Chief Engineer, Irrigation, Moti Ram
Chief Electoral Officer and Labour Tribunal, Sardul Singh Mehta, RJS
Chief Conservator of Forests, S C Kothari
Commissioner of Customs and Excise, Gordhan Singh Mehta, RAS
Labour Commissioner, S N Shukla, RAS
Jagir Commissioner, L L Joshi, RAS
Accountant General, Kali Charan, IA and AS
Income Tax Inspecting Asstt Commissioner, Amar Singh, IRS
Registrar, Co operatives R P Bhargava, RAS
Advocate General, K S Hajela
Director of Mines and Geology, M I Sethi
Electrical and Mechanical Engineer, K C Satsanghi (*offg*)

BOARD OF REVENUE

Chairman, Kishen Puri, IAS
Members Shyam Lal, IAS, Roop Narain, IAS, Kesri Singh Ranawat, RAS, Ramswarup Maheshwari (temp)

PUBLIC SERVICE COMMISSION

Chairman, Devi Shankar Tiwari, MA, LL B
Members, V R Adige MA, B Litt (Oxon), M M Varma
Secretary, Shayam Sunder Sharma, MA, LT, RAS

High Court

Chief Justice, Mr Justice Kailash Nath Wanchoo, BA, ICS
Judge, Jodhpur Bench, Mr Justice Durga Shankar Dave, BA, LL B
Judge Jodhpur Bench, Mr Justice Inder Nath Modi, BA LL B
Judge, Jaipur Bench, Mr Justice Kanwar Lal Bapna, BA, LL B
Judge, Jaipur Bench, Mr Justice Jawan Singh Ranawat, MA, LL B
Judge, Jaipur Bench, Mr Justice Kumar Krishna Sharma, BA, LL B
Registrar, Mohan Lal Razdan, MA, LL B
Dy Registrar, Trilokinath Sharma
Editor, Indian Law Reports, Rajasthan Series, Sumer Chand Bhandari, BA, LL B

MUNICIPAL COUNCIL

Jaipur

President, Roop Narain Mathur, Advocate
Vice President, Shrimati Vrinda Devi
List of Members with the names of the Wards they represent

Purani Basti, Sarhad and Brahmpuri Udai Narain Purohit, Gopi Ballabh Purohit, Hari Narain Mainwal, Gurdas Mal, Kalu Ram Pradhan (Nominated by the Govt), Sitaram Purhot *Topkhana Desh* Roop Narain Mathur, Dr Tara Shanker, Chhotey Lal, Keshar Lal Bakshi, Hakim Mohmed Ibrahim Khan, Hari Shanker Sidhant Shastri (Nominated by the Govt) *Modi Khana* Kewal Chand, Bhanwar Lal, Raju Lal, Shrimati Sharda Devi Bhargava (Nominated by the Govt) *Visheshwarji* Ramchandra Johri, Vaidya Mukand Deoji, Bhagwan Sahai Tambi *Ghat Darwaza* Shyam Behari Lal Saxena, Harish Chander, Sardar Mal, Seth Bhanwar Lal, Bhura Mal Bazaj *Topkhana Hazuri* Gauri Lal Jain, Gulab Chand Fatehpuria, Abdul Razzak Saudagar, Shah Alimuddin *Ramchanderji* Abdul Samad, Abdul Razzak Cinema Wala, Vishembder Prasad Saxena, Madan Lal Mathur *Gangapole* Govind Shahi, Avodh Behari Lal Mathur, Agah Hussain *Havali Shahr Garbi* Shanti Lal Johri, Shrimati Vrinda Devi, Hans D Ray, Bhanwar Lal Samodia, Bhoju Mal *Havali Shahra Janubi* Ram Swaroop, Kanhiya Lal, Ram Prakash Vaidya, V N Kok (Nominated by the Govt)

OFFICERS

Municipal Commissioner, Mahesh Chandra Joshi
Health Officer, Dr Bal Mukand
Municipal Engineer, D K Kripalani
Public Relations Officer, Madan Mohan Sharma
Assessment Officer, R C Mathur
Revenue Officer, Zulfiqar Ali

UNIVERSITY OF RAJPUTANA

Jaipur

Chancellor

Lt General His Highness Raj Rajendra Shri Maharajadhiraj Sawai Sir Man Singhji Bahadur, GCSI, GCIE, Maharaja of Jaipur and Raj Pramukh of Rajasthan

Vice Chancellor

G C Chatterjee MA (Pun), BA (Cantab)
Registrar, M N Tolani, MA (Cantab)

DEANS OF FACULTIES

Arts, Dr P T Raju, MA, PhD, University Professor of Philosophy, Jaswant College, Jodhpur
Science, Dr S D Arora, MSc, PhD, Principal, Jaswant College, Jodhpur
Commerce, Shanker Sahai Saxena, MA, MCom, Principal, Maharana Bhupal College, Udaipur
Law, K S Hajela, MA, MSc, LLM, Hony University Professor of Law, Jaipur
Engineering V Lakshminaravanan, BE, AMIF, Principal, Birla Engineering College, Pilani
Medicine and Pharmaceutics, Dr S K Menon, FRCS (England), Principal, Sawai Man Singh Medical College, Jaipur
Education, Dr K L Shrimali MA PhD, BT, Principal, Vidya Bhawan Gobind Ram Seksaria Teachers Training College Udaipur

Heads of University Teaching Departments

Professor of Economics, M V Mathur, MA, BCom, MPA (Harvard), University Professor of Economics, Jaipur
Professor of Philosophy, Dr P T Raju, MA, PhD, University Professor of Philosophy, Jaswant College, Jodhpur

Reader and Head of the University Deptt of Geology Dr K P Rode MSc PhD (Zurich), University Reader in Geology, Udaipur

LIST OF AFFILIATED COLLEGES

Maharaja's College Jaipur
Maharani's College, Jaipur
Birla College of Arts Pilani
Birla College of Science and Commerce, Pilani
Seth G B Podar College Nawalgarh
Jaswant College, Jodhpur
Dungar College, Bikaner
Lohia College, Churu (Bikaner Division)
Maharana Bhupal College, Udaipur
Herbert College, Kotah
Raj Rishi College, Alwar
M S J College, Bharatpur
S K N Agricultural Institute, Jobner (Jaipur Division)
Shri Maharaj Kumar College, Jodhpur
Teachers Training College, Bikaner
Vidya Bhawan Govindram Seksaria Teachers Training College, Udaipur
Law College, Jaipur
Sawai Mansingh Medical College, Jaipur
Birla Engineering, College, Pilani
Mugnee Ram Bangur Memorial Engineering College, Jodhpur
Shree Swaroop Govind Pareek Vidyalaya, Jaipur
Seth G B Chamaria Intermediate College, Fatehpur (Jaipur Division)
Sri Kalyan Intermediate College, Sikar
Chirawa Intermediate College, Chirawa
Seth Moti Lal Intermediate College, Jhunjhunu (Jaipur Division)
Sharda Sadan Intermediate College, Mukandgarh (Jaipur Division)
Government Intermediate College, Dausa
Darbar Intermediate College, Sambhar Lake
Darbar Intermediate College, Kishangarh
B J S R Jain Intermediate College, Bikaner
Government Intermediate College, Sri Ganganagar (Bikaner Division)
Maharani Sudershan Intermediate College for Women, Bikaner
Shri Rajendra Intermediate College, Brijnagar (Jhalawar)

Hadendra Intermediate College, Bundi
Rajmahal Girls Intermediate College, Jodhpur
S P U Intermediate College, Faina (Jodhpur Division)
Shri Maharani s Girls Intermediate College, Kotah

Rajasthan Mahila Vidyalaya, Udaipur
Maharana Intermediate College, Bhilwara
Government Intermediate College, Banswara
Ganga Golden Jubilee Inter College, Sardarshar (Bikaner Division)

Sirohi Intermediate College, Sirohi
Darbar Intermediate College, Tonk
Shri Bangur Intermediate College, Didwana (Jodhpur)

COMMERCIAL AND RELIGIOUS SOCIETIES AND HOSPITALS

GANGA GOLDEN JUBILEE TUBERCULOSIS HOSPITAL

Bikaner, Rajasthan

Nature of Body Hospital There are 92 beds for cases of Lung Tuberculosis

Medical Officer in Charge, Dr Hans Kumar, MBBS, DTD

RAJASTHAN CHAMBER OF COMMERCE AND INDUSTRY

Bhagt Bhawan, Mirza Ismail Road, Jaipur

Objects To encourage friendly feelings, co operation and unanimity among business and industrial community, to promote and protect the trade, commerce, industry and manufacture of Rajasthan or any part thereof, to collect and disseminate statistical and other information securing the promotion of the objects of the Chamber and to make efforts for the spread of commercial industrial and economic knowledge, to take all steps necessary for supporting or opposing legislature or other action affecting the aforesaid interest by Government or the local body or bodies

UDAIPUR CHAMBER OF COMMERCE, Udaipur

SHREE VYAPARIC CHAMBER SARAFAN, Gulabpura

RAJASTHAN INDUSTRIAL AND MINING ASSOCIATION, Bhilwara

RAJASTHAN CHAMBER OF COMMERCE AND INDUSTRY, Jaipur

JAIPUR CHAMBER OF COMMERCE, Jaipur

CLOTH MERCHANTS ASSOCIATION, Johri Bazar, Jaipur

GENERAL MERCHANTS' ASSOCIATION, Johri Bazar Jaipur

JEWELLERS ASSOCIATION, Johri Bazar Jaipur

BULLION EXCHANGE ASSOCIATION, Johri Bazar, Jaipur

IMITATION MERCHANTS ASSOCIATION, Johri Bazar, Jaipur

TRADERS ASSOCIATION LIMITED, Johri Bazar, Jaipur

GOLD AND SILVER MERCHANTS ASSOCIATION, Johri Bazar, Jaipur

GROCERS ASSOCIATION, Johri Bazar, Jaipur

PAPER MERCHANTS ASSOCIATION, Tripolia Bazar Jaipur

PRESS OWNERS ASSOCIATION, Tripolia Bazar, Jaipur

KIRANA MERCHANTS ASSOCIATION, Tripolia Bazar, Jaipur

COLOUR COMMITTEE, Tripolia Bazar, Jaipur

COLOUR CHAMBER, Tripolia Bazar, Jaipur

IRON AND STEEL MERCHANTS ASSOCIATION Tripolia Bazar Jaipur

SARAFA PUNCHAYAT, Ramganj Bazar, Jaipur

CHAMBER OF COMMERCE, Kishangarh

LUHAR ASSOCIATION, Ramganj Bazar, Jaipur

KISHANGARH MERCHANTS ASSOCIATION, Kishangarh

SALT BROKERS ASSOCIATION, Sambhar Lake

SALT MERCHANTS ASSOCIATION, Sambhar Lake

MADANGUNJ VYAPAR SANGH, Madangunj (Kishangarh)

GANGAPUR MERCHANTS' ASSOCIATION, Gangapur

VYAPARIC CHAMBER SARAFAN, Tonk

SEKHAWATI VYAPUR SANGH, Jhunjhunu

SHREE VYAPARIC PUNCHAYAT, Nawalgarh

FATEHPUR MERCHANTS' ASSOCIATION, Fatehpur

CHAMBER OF COMMERCE, Alwar

VASTRA VYAPAR SANGH, Alwar

COMMERCIAL SYNDICATE, Modi Building, Kedal Gunj Alwar

SALT SYNDICATE, Modi Building, Kedal Gunj, Alwar

KEDAL GUNJ ASSOCIATION, Kedal Gunj, Alwar

VASTRA VYAVASSAI SANGH, Bazara Bazar, Alwar

IRON SYNDICATE, C/o Lala Narain Das, Lal Gate, Alwar

CHAMBER OF COMMERCE LTD, Bharatpur

CHAMBER OF COMMERCE, Bharatpur

BIKANER CHAMBER OF COMMERCE, Bikaner

BIKANER VYAPAR MANDAI Bikaner

SHREE KARANPUR MERCHANTS COMMITTEE Karanpur

MERCHANTS COMMITTEE, Keshrisinghpur

VYAPAR MANDAL, Raisinghnagar

PURSHARTHI CLOTH COMMITTEE, Karanpur

EASTERN RAJASTHAN CHAMBER OF COMMERCE AND INDUSTRY Kotah

GRAIN AND SEED MERCHANTS ASSOCIATION, Baran

CHAMBER OF COMMERCE, Kotah

CHAMBER OF COMMERCE Bundi

JODHPUR BULLION MERCHANTS ASSOCIATION, Jodhpur

GENERAL MERCHANTS ASSOCIATION, C/o Bhoot Bros, Station Road, Jodhpur

MARWAR CHAMBER OF COMMERCE, Jodhpur

THE NAGAUR MERCHANTS ASSOCIATION LIMITED, Modian ki Gali Nagaur

THE MERCHANTS ASSOCIATION, Balotra

ST TERESAS CHURCH

Jodhpur, Rajasthan

Nature of Body Religious

Catholic Chaplain, Rev Father F Coutts

CENSUS

Jaipur 1,656,097, Tonk 400,947, Sawai Madhopur 765,172, Bharatpur 907,399, Alwar 861,993, Jhunjhunu 588,621, Sikar 677,782, Bikaner 330,329, Churu 523,276, Ganganagar 630,130 Jodhpur 691,786, Barmer 441 368, Jalore 459,467 Pali 660,856, Nagore 763,829, Jaisalmer 102,743, Sirohi 237,362, Udaipur 1,191,232, Dungarpur 308 243, Banswara 356,559, Chittorgarh 587,724, Bhilwara 727,356, Kotah 766,198, Bundi 280,518, Jhalawar 373,810

COMMERCIAL FIRMS

Alfoo Mia Kadarbux, Katha Bazar

Allied Corporation Ltd , Jodhpur

Amar Automobiles, Jalorigate, Jodhpur

Anand Theatres Ltd , Jodhpur

Arora Bros , Station Road, Jodhpur

Aseri Brothers, Furniture and Upholstery Station Road, Jodhpur

Ashok Thread Mills Office and Showroom, Madhav Gate, Ajmer

Associated Films Distributors, Station Road, Jodhpur

AUTOMOBILE WORKS, Railway Road, Jodhpur, Specialists in Reconditioning of Auto Oil Engines, Dealers in Auto Part Accessories, etc Grams 'AUTOMOBILE

Azad Hind Trading Co , Erinpura Road, Marwar (Rajasthan) Leather, Hides and Wool Merchants

Bankidass Moolraj, Burmah Shell Agents, Jalorigate, Jodhpur

Bansilal Chowthmal, Brassware Merchants, Katla Bazar, Jodhpur

Bhandari Brothers, Chemists and Druggists, Jodhpur

Bhargava & Company, Opp Prem Prakash Talkies, Sawai Mansingh Highway, Jaipur (Rajasthan)

Bhargova Industries Ltd , Bhargova House, Banj Indi, Ajmer

Bhatia Bros , Jalori Gate, Jodhpur (Rajasthan)

Bhoot Brothers, Station Road, Jodhpur

Bhoot Oil Mills, Industrial Area, Jodhpur

Bigli, Minerva Building, Station Road, Jodhpur

Bombay Watch Co , Inside Sojatigate, Jodhpur (Rajasthan)

Caltex Motors, Kachery Road

Chandra Industrial and Commercial Corporation, Jodhpur

Chandra Industrial and Commercial Corporation, Kutcheri Road, Jodhpur

Chellsons Ltd , Jodhpur

Chitra Cinema, Mehta Market, Jodhpur

Chopani Ice Aerated Water & Oil Mills Ltd , Jodhpur

Delhi Furniture House, Station Road Jodhpur

DELHI MISHTHAN BHANDAR

Chaura Rasta,

Jaipur (Rajasthan)

For High Class Sweets and Namkins, etc

Dhamraj Madanlal Khatri, Direct Importers, Exporters, General Merchants & Agents, Khamdafalsa, P O Box 11, Jodhpur

D P Bhargava B Sc , LL B , Advertisement Bookings, *The Times of India*, opp Railway Station, Jodhpur

D R Sharma & Sons, Sojatigate, Jodhpur

Durgasingh & Sons, Gramaphone Dealers, Sojatigate, Jodhpur

Durgasingh & Sons, Jodhpur

East India Mineral Development Syndicate, Ltd , Jaipur

Eastern Motor Company, Station Road, Jodhpur

Electric Radio Corporation, Station Road, Jodhpur

Electric Services, Jodhpur

English Watch Company, Jalorigate, Jodhpur

Fakirchand Narmal, Dhan Mandi

Firozepur Boot House, Station Road, Jodhpur

General Hotel, Jodhpur

Girhari Oil Mills Co , Ltd , Sumerpur

Gopal Watch Co , Sojatigate, Jodhpur

Gotan Lime Syndicate, Gotan

Gotan Lime Syndicate, Gotan J Railway

General Marketing Co , The, Jodhpur, (Rajasthan)

FURNISHERS & DECORATORS

GENERAL MARKETING CO ,

Ajmer Road,

Jaipur

Stockists of

Mattresses, Masonite Plywood, Furnishing Household Linen

Grand Hotel, Railway Road, Jodhpur (Rajasthan)

GULABCHAND NAWALMAL, Cloth Merchant & Commission Agent, Pali, (Marwar) Phone 2

Har Narayan & Sons, Sardarpura, Jodhpur

Hari Narain Kacholia & Co Mirza Ismail Road Jaipur

Hindustan Engineering Works, Jalorigate, Jodhpur

Hindustan Iron Factory, Office & Showroom, Nala Bazar, Ajmer

Hotel De Hollywood, Station Road, Jodhpur

India Agencies, Sojatigate, Jodhpur

Indian Industrial Command, Kachery Road, Jodhpur

Indian Industries Palace Ajmer Road, Jaipur City

Indra & Company, General Merchants, Station Road, Jodhpur

Industrial Command of India Ltd , Kachery Road, Jodhpur

Jain Brothers, Station Road, Jodhpur

Jaipur Art Studio, Kachery Road Jodhpur

Jaipur Mineral Development Syndicate Ltd , Jaipur

Jaipur Paper Mart, Tripolia Bazar, Jaipur City

J M.D S Cosmetics Ltd , Jaipur City

J Santosh & Company, Sojatigate, Jodhpur

Jangad Brothers, outside Sojatigate, Jodhpur

Jaykay Company, Jodhpur

Jay Kay & Company, Jodhpur (Rajasthan)

Jodhpur Cloth Merchants Association, Jodhpur

Jodhpur Dayal Bagh Stores, Jodhpur

Jodhpur Hosiery Mills, Sardarpura

Jodhpur Wine Stores, Outside Jalorigate, Jodhpur (Rajasthan)

Jodhpur Zinc Metal Works, Jodhpur

Jogindersonco Cycle Merchants, Station Road, Jodhpur

Kaluram Shyamdass, Radio Engineers and Electric Contractors, opp Ratanada Bridge, Jodhpur

Kamla Optical Company, Station Road, Jodhpur

Kangan Stores, Jodhpur

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Lalkar Weekly (Hindi), Tripolia, Jodhpur (Rajasthan)

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Mahavir Oil & Dal Mills Co , Ltd , Sojati Road

Manmohan Opticals, Sojatigate, Jodhpur

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Marudhar Stores and Bakeries, Station Road, Jodhpur

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NEWSPAPERS AND PERIODICALS

Daily Jaibhoomi, Jaipur (Estd 1940), Editor Gulab Chand Kala, Sawai Mansingh Highway, Jaipur City (Rajasthan)

LAIKAR WEEKLY (HINDI), Tripolia, Jodhpur (Rajasthan), Most popular independent organ of downtrodden masses of Rajasthan, Ajmer & Madhya Bharat Edited by Shantichandra Mehta, M A, LL B, a political thinker Commanding largest circulation and approved by Rajasthan Government and Northern Railway for their advertisements Best medium for advertisers Phone 293 Central Grams "LAIKAR"

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Rashtradoot, Jaipur
The Jwala, Hindi Weekly, Sojati Gate, Jodhpur (Rajasthan)

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R C Bhargava & Co Sawai Mansingh Highway, Jaipur

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Press The, Srinagar Road, Ajmer
ss Haldiyon Ka-Rasta, Jaipur

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Delhi Misthan Bhandar Chaura Rasta Jaipur
EMPIRE STORE, Mirza Ismail Road, Jaipur Dealers in Toilets, Provision, Hosiery, Wool, Books, Novelties and Crockery

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O P Sanghi & Co , Jodhpur
Radio Electric Corporation, Station Road Jodhpur
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J Santosh & Sons, Jodhpur
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hand, Kundan Niwas Building, Ajmer Road, Jaipur

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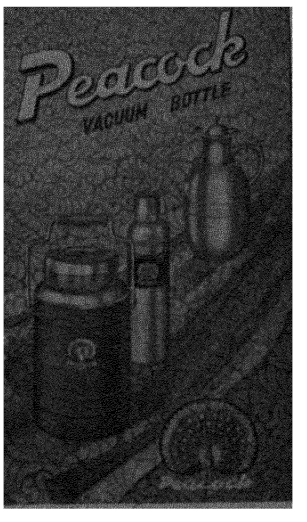

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*

SAURASHTRA

Area 21 451 Sq Miles

Capital Rajkot

Total Population 41,37 359 (Males 20 94,442, Females 20,42,917, Rural 27,44,198, Urban 13,93,161)

No of Hindus 35 87,884 Muslims 4,22,186 Jains 1,23,916

Names of administrative divisions giving the subdivisions within brackets Zalawad (Wadhwan, Limbdi and Dhrangadhra), Central Saurashtra (Rajkot, Morvi, Gondal and Jetpur), Gohilwad (Bhavnagar, Talaja Muhuva Palitana and Kundla), Halar (Jamnagar, Jamnagar East Division and Jamnagar West Division), Sorath (Sorath North Division, Sorath Central Division, Sorath South Division and Porbandar)

Names of Districts with District Headquarters in brackets Zalawad (Surendranagar), Central Saurashtra (Rajkot), Gohilwad (Bhavnagar), Halar (Jamnagar), Sorath (Junagadh)

Total Number of Districts 5, Talukas and Mahals 63, Municipalities 91, Gram Panchayats 1 220, Villages 4 415

Names of Towns with a population of over 50,000, Rajkot Junagadh, Porbandar, Bhavnagar and Jamnagar

Strength of the Legislative Assembly 60

No of members returned from the State to the House of the People 6

No of members returned from the State to the Council of States 1

PHYSICAL FEATURES

Standing boldly out into the Arabian Sea between Kutch and the Gujarat coast, Saurashtra s physical features suggest that it may once have been an island or a group of islands of volcanic origin The surface of Saurashtra is for the most part undulating with low ranges of hills running in very irregular directions With the exception of the Thanga and Mandav hills, in the west of Jhalawar, and some unimportant hills in Halar the northern portion of the country is flat But in the south from the neighbourhood of Gogha, the Gir range runs nearly parallel with the coast and at a distance of about 20 miles from it, along the north of Babariawad and Sorath to the neighbourhood of Girnar The principal river is the Bhadar which rises in the Mandav hills and, flowing south west, falls into the sea at Navi bandar after a course of about 110 miles, every where marked by highly cultivated lands bordering its course Other rivers in the Union are Mauj, Machhu Ozat and Shetrunji, the last remarkable for wild and romantic scenery There are a number of salt water creeks The State has a 600 mile coast line and a number of ports Bedi Bunder, Navlakhi, Bhavnagar, Porbandar and Sica Of these the first and chief port in the matter of import traffic from Europe is Navlakhi

LARGE-SCALE INDUSTRY

Main large scale industries of State with location in brackets Art Silk (Jamnagar, Bhavnagar Surendranagar) Cement (Sikka Porbandar, and Dwarka), Chemicals (Dhrangdhra Mithapur Morvi Kuda, Vertej, Jamnagar, and Gondal) Glass (Morvi) Salt (Dhrangadhra, Sikka, Kharaghoda), Cotton Textiles (Rajkot, Bhavnagar Mahuva, Surendranagar, Dhrangadhra, Morvi, Wankaner, Jamnagar, Porbandar, and Veraval) Vegetable Products (Bhavnagar Morvi Porbandar Chorwad Jamnagar), Pottery (Morvi, Wankaner, Shihore, Than)

Production in each Industry in 1951 Art Silk 58,46 000 yd, Cement 1,55 250 tons, Soda Ash 3 72,13,120 lb Glass 13,228 gross, Salt 7 38,853 tons, Cotton Textiles 81,05,47,000 yd Vegetable Products V Ghee 1,05,627 cwtt, Oil Cake 33,320 sd mds, Soap refined Oil 653 tons, Hume pipes No 23,952 Rft 1,31,438

Number of registered factories 514 (1951)

No of registered factories in indivudual industries in 1951 with the No of workers in each industry in 1951 within brackets Art Silk 7 (1 057), Cement 2 (1 187), Soda Ash 30 (5,237), Glass 1 (118) Cotton Textiles 21 (12,594), Vegetable Products 55 (1,730)

COTTAGE INDUSTRIES

List of cottage industries with their location in brackets

Apparels (Bhavnagar, Rajkot Jamnagar), Brassware all types of utensils (Shihore Rajkot), Ivory Bangles, Earrings, Buttons etc (Mahuva, Junagadh Savarkundla), Stone Carvings (Porbandar, Dhrangadhra), Artistic specimens of Plaster of Paris (Gondal), Fire Works (Junagadh, Jasdan, Jetpur), Pottery earth works utensils, cups, saucers (Than, Morvi, Gadhada), Floor Tiles etc (Vartel, Porbunder, Mangrol), Jungle Industry Honey, Bamboo, Gum etc (Visavader Junagadh, Talala, Sasan Gir, Porbunder) Edibles (Rajkot, Porbandar Shahpur, Saradia Shihore), Furniture (Rajkot, Jamnagar, Bhavnagar, Porbandar Junagadh), Handloom (Bagasara Porbandar, Savarkundla), Perfumary (Jamnagar, Rajkot), Leather Works (Rajkot, Jamnagar), Stationary-Slate, Pen etc (Porbandar), Toys (Mahuva, Junagadh), Soap (Rajkot, Jamnagar), Tobacco (Shihore)

MINERALS

Main varieties of minerals Sand stone, Pottery clay, Iron slags, Moulding sand, Chandani Bhutdo Black stone, White chalk Stone Marble (Murmerized Calcite), Lime stone Clippings White Clay, Building stone, Toad (White)

The district wise approximate mineral production and value and the average daily labour employed The 1st figure gives the production, the 2nd the value and the third the average daily labour employed

Sorath District (2 22 670 tons, Rs 28 58,450, 2 070), Madhya Saurashtra (72,000 tons, Rs 2,16,000 627), Halar District (60,151 tons Rs 5 01,805, 600) Gohilwad District (34 325 tons Rs 1,93,050 686) Zalawad District (20 000 Rs 1,50,000, 255)

Grand total in respect of the whole State 4,09,146 tons, Rs 39,19,305, 4,238

AGRICULTURE

Main food crops of the State Jowar, Bajri, Wheat, Rice

Main cash crops of the State Cotton seed, Ground nut, Sesame, Castor, Sugar cane

Production of food crops in tons Nearly 40 lakhs tons

Total area of the State 106 lakhs acres

Total area cultivated Nearly 61 lakhs acres

Total area under dry cultivation 5 lakhs acres

Total area under cash crops 11 lakhs acres

Area under individual food crops Jowar 24 lakhs acres Bajri 20 lakhs acres, Wheat 3 lakhs acres Rice 60,000 acres, Groundnut 7 lakhs acres Sesame 2 lakhs acres, Castor 75,000 acres

FOREST

Total area of forests in the State Nearly 635 Sq Miles

There are some other forests like Palitana, Sihor and Mitiala, and some babul kants

In addition to the above, there are a number of mangrove forests along the sea coast covering an area of about 1 lakh acres

Total revenue from the forests for the year 1949 50 Rs 435,222

Total expenditure Rs 2,81,430

Main forest produce The main species in the inland forest are teak which covers about 70 per cent of the area of Gir Girnar and Ghorad Other important species are Baval, Khair, Timberva Amla, Amli, Asundra, Dudhla, etc

There are a large number of other species forming a varying percentage in different places

Also a number of minor produce namely bamboos (about 10 lacs), medicinal plants, fruits and gums

LIVE-STOCK

Livestock Census as it stood in 1951 52

Bullocks 4,58,755

Bulls Breeding bulls 9,011 Other bulls 1 04 123 Working bulls 15 375

Cows Milch 3,02 447, Dry 1 44,371

1 to 3 years Male calves 61,906, Female Calves 76 455

Below 1 year Male Calves 70,562, Female Calves 55 556

Buffaloe bulls 3 671

Buffaloes (Jaffrabadi breed) Milch 2,65,672, Dry 84 081

Poultry local (Mixed) 20,989

Horses (Mixed and kathi breed) 31,085

Sheeps 8 68 681

Goats 5 63,778

Other animals 3 342

Donkeys 21,677

LAND TENURE

Saurashtra is in the forefront among States in respect of agrarian reforms The most important step in this direction was taken by passing three bills to abolish Zamindari and Barkhali systems

The three bills are the Saurashtra Land Reforms Act 1951, the Saurashtra Barkhali Abolition Act 1951 and the Saurashtra Estate Acquisition Act, 1952 The first two came into force on 1st September 1951 and the third in January 1952

The Saurashtra Land Reforms Act, 1951 deals with the agricultural land of talukdars, bhagdars, bhayats cadets and mulgirasias who were the landholders claiming some kind of proprietory interest in the land The second deals with agricultural lands of Barkhalidars whose interest is specifically limited to the usufruct of land The third provides for acquisition by the State of assets other than agricultural land namely waste land, whether cultivable or uncultivable grass land, gauchar roads, rivers etc

Special features of the Acts 1 The representatives of both Girasdars and cultivators help the Government officers in the work of implementation 2 No liability or burden is incurred by the State 3 Those who were tenants at will so far as also those who were superior landholders become occupants of the State and except to a very small extent in respect of land held originally by Girasdars as Gharkhed, there will be no tenants as such The net result of the implementation is that not only the intermediaries are abolished but also that the old tenancy system is almost abolished

With a view to preventing fragmentation of holdings the Government have moved a bill in the legislature This is intended to prevent small fragments of land and thus to ensure the proper size of the holdings necessary for economic and efficient use of land

The Government aims at prohibiting future tenancies after a certain date and to ensure that the system of exploitation by middlemen does not come into being again in some guise or the other A bill has been drafted and circulated for public opinion and in a year or two the principle that land must belong to the tiller and that the owner of the land must till the land personally will have been fully implemented Exceptions will be made in favour of widows minors infirm and those serving in the Armed Forces in the country

IRRIGATION

Major irrigation schemes in operation showing within brackets total expenditure from 1949 50 to 1952 53, additional area to be irrigated and additional food production Ranghola Suraj wadi, Bhimdad, Zolapuri, Chorwadla and Solmatia Irrigation Schemes (Rs 126,19,806 18 000 acres 7,150 tons)

Major irrigation schemes in execution with the details in brackets as above Brahmani * Machhu, Moj Sasoi Pura, Ghee Aji and Malan Irrigation Schemes (Rs 178,08,203 90,600 acres, 34,800 tons)

Medium Irrigation schemes (Direct) in operation with the details in brackets above Sintli Tank and Canal, Babra Tank, Sugodhra Canal 1 and 2, Rawatsagar Tank Kadaya Canal, Olak Tank Soldi Tank Sakar Tank Lobra Weir, Sawani Canal Talala Canal Lakhpur Canal and Ghunda Tank (Rs 14,63 501, 5,470 acres, 2,128 tons)

Medium Irrigation Schemes (Direct) in execution with the details in brackets as above Vedmati Bund and Siyani Dolatpur Canal (Rs 3 34,035 1,700 acres 500 tons)

Medium Irrigation Schemes (Indirect) in operation with expenditure from 1948 49 to 1952 53, area benefited indirectly and additional production in brackets Tank at Village Tana, Morwada Tank, Habirdi Stop Dam, Kalawadi Stop Dam, Nagmati Stop Dam, Bhimdaria Tank, Chuda Tank and Kapilla Canal (Rs 4 52,046 1 870 acres, 600 tons)

Land Improvement Schemes in operation with expenditure from 1948 49 to 1952 53 area protected by reclamation and additional food production in brackets Jodia Balambha Reclamation Scheme, Mota Asota Reclamation Scheme, Shahpur Bund, Hope Reclamation Scheme, Boraka Bund Miyani Ghed Dhirajgadh Bund and Danti Bund (Rs 16,77 020, 18 700 acres, 3,220 tons)

Land Improvement Schemes in execution with details as above Vanod Saran Bund, Tajasar Haripar Karadia and Khijadia Jambuda Bund (Rs 19,00,000, 13,700 acres, 2,200 tons)

POWER PROJECTS

Total production during 1951 44,087 K W H

No of units supplied to industry (1951) 21,800 K W H

No of units supplied for irrigation and agricultural purposes 925 k W H

No of units supplied for domestic and commercial purposes 11 717 K W H

No of units supplied for other purposes 2,852 K W H

No of power stations now in operation 32 (Govt 21 Private 11)

Power projects under execution Two schemes (1) Installing a big thermal station of 6,000 K W capacity in Junagadh Shahpur section (2) Expanding Bhavnagar Thermal Station Cost will be Rs 2,62,00,000

TRADE

Value of export trade Rs 12,56,55,311
Value of import trade Rs 32 18 42,042
Articles exported Salt, Cement Oil cakes, Onions, Lime, and Lime Stones, Grains and Pulses, Oil Vegetable, Raw Cotton, Groundnuts, Raw Wool, Fish, Ghee, Castor Oil, Seeds and other articles
Total quantity in tons 6,19,199
Articles imported Grains and Pulses, Coal and coke, wood and timber, Cotton seeds, Mineral Oil (Incl Lub Oil), Building material, Dates, Iron and Steel, Coconuts Gunnies, Tea, Molasses Metals, Cement and other articles
Total quantity 6,31,942 tons

TRANSPORT

Total mileage of roads (metalled and unmetalled) About 3,300 miles
Total No of aerodromes 6
Total No of passenger service buses 416 (Approx)
Total No of goods carrying lorries trucks 1,985 (Approx)
Total No of taxis 495 (Approx)
Total No of private cars 2,925 plus 109 (Rulers) (Approx)
Total No of bus companies 68
No of routes covered by these bus companies 378
Total mileage of the routes 11,150
There is no nationalised transport in the State

CO-OPERATION

Total No of Co operative Societies (as on 30th June 1952) 767
Total membership 41 294
Total working Capital Rs 57,69 830
No of different types of Co operative societies in the following districts Resource Societies Gohilwad 355 Madhya Saurashtra 77, Sorath 39, Halar 37, Zalawad 27

Consumers Societies Gohilwad 16, Madhya Saurashtra 28 Sorath 18 Halar 12 Zalawad 9

Producers Societies Gohilwad 35 Madhya Saurashtra 30, Sorath 21, Halar 15 Zalawad 39

Housing Societies Madhya Saurashtra 2, Sorath 1 Halar 1, Zalawad 1

General Societies Gohilwad 1 Halar 1

No of Central and District Co operative Banks One Central and one District

EDUCATION

Elementary Education (1952)
Total number of elementary schools 2,386
Total enrolment About 2 00 000
Total number of teachers 6 236
Total expenditure for the year on elementary education Rs 70,21,000

Secondary Education
Total No of secondary schools 98
Total enrolment About 40 000
Total No of teachers About 1,500
Total expenditure Rs 27,78,000

College Education
Total No of Arts and Science Colleges 4
Total enrolment 2,437
Total No of Professors etc 113
Total expenditure Rs 7 04,200
Total No of professional Colleges 3 (Ayurvedic, Commerce, Engineering)
No of teachers training institutions 28 (Govt 19, Non Govt 9)
No of social education centres About 500

Elementary education is not compulsory but the Gram panchayats have been empowered to make it compulsory if they so desire Many Panchayats have done it already

Elementary Education in Saurashtra is free in both rural and urban areas It will be free and compulsory in those rural areas where the Panchayats make it compulsory

Mother tongue is Gujarati, Gujarati is the medium of instruction Hindi and English are also taught in Middle Schools and High Schools

CENSUS

Zalwad 495,928, Central Saurashtra 1,045,675, Gohilwad 1,020 130, Halar 574,472, Sorath 1,001,154

ADMINISTRATIVE PERSONNEL

RAJ PRAMUKH

Lt General His Highness Maharaja Jam Digvijaysinhji Ranjitsinhji Jadeja, G C I E, K C S I, A D C

UP RAJ PRAMUKH

Major H H Maharaja Shri Mayurdhwajsinhji, Raj Saheb of Halvad Dhrangadhra,

MEMBERS OF THE PRESIDIUM

H H Maharaja Shri Bahadursinhji Maharaja Thakor Saheb of Palitana
H H Maharaja Krishnakumar Sinhji of Bhavnagar
Thakore Saheb Shri Harishchhandrasinhji of Muli

COUNCIL OF MINISTERS

Chief Minister and Minister for Cabinet Work, Co ordination, Political Integration, Revenue, Registration and Stamps Scarcity and Services Planning Uchcharangrai N Dhebar
Minister for Home Anti corruption, Press, Information, Road Transport Tramways Ports and Rural Telephones Rasiklal U Parikh
Minister for Finance Audit State Excise including Prohibition Manharlal M Shah
Minister for Education Archaeology Public Works and Irrigation, Indravji K Modi
Minister for Law, Justice, Litigation Translation, Legislative Affairs Medical Public Health, Forests, Dayashanker I Dave
Minister for Rehabilitation, Food Industries Commerce, Electricity, Internal Customs Civil Supplies, Labour, Ghanshyambhai C Oza
Minister for Development Local Self Government, including Gram Panchayats Co operation, Agriculture Veterinary and Backward Class, Ratubhai M Adani

IMPORTANT OFFICIALS

Chief Secretary Dolarrai M Buch I A S
Finance Secretary R Doraiswamy
Revenue Commissioner D M Buch
Chief Engineer U J Bhatt
Home Secretary P K Shunglu
Deputy Secretary, Communications Dept, R B Vasavada
Administrative Officer, (Ports) H P Oza
Joint Secretary Industry and Supply Department, G V Shivdasani
Deputy Secretary Industry and Supply Department, D B Patel
Secretary Legal Deptt and Remembrancer of Legal Affairs N J Mankad
Secy Dev and Plann Dept, G B Mankodi
Secy, Saurashtra Legislative Department, H B Shukla
Joint Secretary, Education Dept D M Bhatt
Under Secy Labour Deptt, D K Badheka
Director of Information, R B Dhukli
Director of Education D L Sharma
Electrical Engineer to Govt I M Shah
Inspector General of Police, V C Kanethkar
Regional Transport Officer, V R Dave
Controller of Civil Supplies M Bhalnagar
Collector, Halar District Jamnagar, J K Gohil
Collector Madhya Saurashtra N D Buch
Collector, Zalawad District W C Subedar
Collector, Gohilwad District T C Shah
Collector Sorath District, R K Trivedi
Development Commissioner, R C Raval

HIGH COURT

Chief Justice, Mohanlal Chunilal Shah
Puisne Judges, Sunderdas Jethanand Chhatpar, Janardan Amritlal Baxi
Registrar, J M Pandya
Dy Registrar, S N Gami
Advocate General, A R Bakshi

PUBLIC SERVICE COMMISSION

J M Mehta (*Chairman*), S C Shroff (*Member*) T L Shah (*Member*)

SOCIETIES, RELIGIOUS AND COMMERCIAL

CHURCH OF THE IMMACULATE CONCEPTION, RAJKOT
Nature of Body Religious Vicar Parish Priest Rev Father E Gadea, S J, Asstt Rev Father L M Zavala, S J

SAURASHTRA MILLOWNERS ASSOCIATION
Dhrangadhra House, Surendranagar (Saurashtra)
Nature of Body Commercial
President, Sheth Shantilal Mangaldas B A
Vice President, Sheth Jayantilal Amratlal
Secretary, Amritlal Popatlal Shah, B A (Hons) Advocate

* Was opened on November 19, 1953 Cost Rs 63 47 lakhs. Capacity 2,650 mln, c ft Extra food production 8,000 tons a year

TRAVANCORE-COCHIN

Area 9,143 9 sq miles

Total population 92 80 425 (Males 46,20,803, Females 46,59,622, Rural 77,92,133, Urban 14 88,292)

Population by religion Hindus 5,587,852, Christians 2 968,030, Muslims 721,227

Capital Trivandrum

Names of Districts with names of District Headquarters within brackets Trivandrum (Trivandrum), Quilon (Quilon), Kottayam (Kottayam), Trichur (Trichur)

Total number of Districts 4
Total number of Tahsils 36
Total number of Municipalities 25
Total number of Panchayats 550
Total number of villages 4,130

Names of towns with a population of over 50,000 Trivandrum (1,86,931), Nagercoil (79,284) Quilon (66 126), Alleppey (1 16 278), Mattancheri (73 904), Ernakulam (62,283), Trichur (69 515)

Percentage of literacy 53 76

Strength of the Legislative Assembly 118 (117 elected and one nominated)

Number of members returned from the State to the House of the People 12

Number of members returned from the State to the Council of States 6

Geography The climate of the whole region is generally temperate and the rainfall heavy Languages spoken in the State are Malayalam and Tamil

Budget Estimates for the State for 1953-54

Revenue Rs 1713 87 lakhs
Expenditure Rs 1727 74 lakhs
Deficit Rs 14 07 lakhs

LARGE-SCALE INDUSTRIES

Main large-scale industries of State Minerals Rubber Plywood, Ceramics, Fertilisers and Chemicals, Rayons, Glass, Paper, Aluminium, Sugar, Cement, Textiles and Rare Earths

State owned Industrial Undertakings The Travancore Mineral Concerns, Chavara The Travancore Rubber Works, Trivandrum, The Travancore Plywood Industries, Punaloor, The Ceramic Factory, Kundara

State sponsored Industrial Undertakings The Fertilisers and Chemicals (Travancore) Ltd, Alwaye, The Travancore Cochin Chemicals Ltd, Alwaye, The Travancore Rayons Ltd, Perumbhavoor, The Travancore Ogale Glass Mfg Co, Ltd, Alwaye, The Punaloor Paper Mills Ltd, The Aluminium Industries Ltd, Kundara The Travancore Sugars and Chemicals Ltd, Trivandrum, The Travancore Electro Chemical Industries Ltd, Chingavanom, The Travancore Cements Ltd, Kottayam, Forest Industries Travancore Ltd, Perumbhavoor, The Vijayana Mohini Mills Ltd, Trivandrum, Balaramavarma Textiles Ltd, Shencottah, The United Electrical Industries Ltd, Quilon, West Coast Fisheries (Travancore) Ltd, The Indian Aluminium Co, Ltd, Alwaye, The Rare Earths Factory, Alwaye, The Caustic Soda Plant, Alwaye

Private Sector (Important Industrial Undertakings) The Alagappa Textiles (Cochin) Ltd, The Sitaram Spinning and Weaving Mills Ltd, Trichur, The A D Cotton Mills Ltd, Quilon, The Cochin Mahalaxmi Mills, Mulakunnathukavu, Sri Chitra Mills, Alwaye, The Ashok Textile Mills Ltd, Alwaye, The Jumna Thread Mills Ltd, Koratti Angadi

Steps are being taken to reorganise the Shark Liver Oil Factory on a commercial basis 80 per cent of the world's output of lemon grass oil is from Travancore Cochin A Lemon Grass Research Station has been started in a suitable site covering 25 acres A State Aid to Industries Act has been passed by Government

Total number of registered factories 992

Number of employees in the registered factories About 1,11,120

COTTAGE INDUSTRIES

Main cottage industries Coir and Handloom

Their location Alleppey and Coastal areas for Coir, Handloom in many parts of the State

Number of workers employed in the Coir Industry About 5 to 6 lakhs

Chief minerals produced in the State The beach sands contain the much valued and strategic mineral monazite besides five others of great economic value namely ilmenite, rutile, zircon, sillimenite and garnet The extensive white clay deposits contribute to the ceramic industry Other minerals available are mica, graphite, limestone, quartz-sand and lignite

AGRICULTURE

Main food crops of the State Rice, Tapioca and Sweet potato

Main cash crops of the State Coconut, areca nut, Tea, Coffee, Cardamom, Rubber, Pepper, Ginger, Lemon grass, Sesame, Groundnut, Turmeric

Total area cultivated 52 89 per cent of total area

Total area under dry cultivation 2,434 24 sq miles

Total area of uncultivated land 47 11 per cent of the area

Total area under wet cultivation 1,431 1 sq miles

Total area under food crops 13,38,000 acres

Total area under cash crops 11,87,142 acres

Area under individual food crops Rice 8,00,000 acres, Tapioca 5,28,000 acres, Sweet potato 9,042 acres

Area under individual cash crops in acres Coconut 6,54,000, Areca nut 64,400, Tea 69,000, Coffee 8,500, Cardamom 65,000, Rubber 1,24,000 Pepper 92,000, Ginger 38,000, Lemon Grass 25,000, Sesame 18,530, Groundnut 23,500, Turmeric 5,212

State deficit in regard to food 50 per cent

Main plantations in the State Tea, Coffee, Cardamom, Rubber, Pepper

Reclamation schemes launched by State for bringing fresh land under cultivation Vandanmettu, Kunnathukal and Vaisserikandom land reclamation schemes and the Vembanad Kayal reclamation scheme

Also puramboke and other lands, wherever available, have been and are being leased out for food production About 33,700 acres of forest lands have so far been leased out in furtherance of the G M F programme

Average annual yield from the newly cultivated forest lands 7 lakhs paras of paddy, 15,000 tons of tapioca and 3,800 paras of cereals

FORESTS

Total forest area in State 3,065 sq miles

Location of forest The main forest range lies north to south bordering the eastern boundary of the State

The main types of forests Evergreen, deciduous and semi evergreen

Total revenue from the forests for the year (1951 52) Rs 1,82,25,057

Total expenditure (1951-52) Rs 65,31,052

Main forest produce Timber, Firewood, Charcoal, Bamboo, etc

Quantity of each variety Timber 46,71,000 cubic feet, Firewood 53,976 tons, Charcoal 16,400 bags

Value of each variety (1951-52) Timber Rs 1,64,63,814, Firewood and Charcoal Rs 7,87,265

Afforestation undertaken during the year (1951-52). 1,620 acres of plantation.

TRANSPORT

Total mileage of roads 5,581 58 miles

Total mileage of railways in the State 170 miles

Total mileage of waterways About 200 miles

Total number of aerodromes Two

Total number of passenger service buses for 1951 1,470

Total number of goods carrying lorries for 1951 2,367

Total number of taxis for 1951 3,593

Total number of private cars 8,000

Number of telephone exchanges 84 (including Public Call Offices)

Number of broadcasting stations 1

Transport has been nationalised in the State

Name of Transport Authority Travancore-Cochin State Transport

Capital invested Rs 89 lakhs

Total mileage covered 633 route miles (40,000 miles a day)

Names of routes covered by nationalised passenger service about one third of total route mileage (*i e*, about 600 route miles)

Number of passenger vehicles (owned by Authority) 372

Number of goods vehicles 40

Number of nationalised or Municipalised city bus services two Trivandrum city bus service run by the State Transport and the Nagercoil Town Bus Service

Names of cities where transport is publicly owned Trivandrum

Number of city bus service vehicles 47

Total number of passengers carried by Authority 1,25,000 a day

Total amount of goods carried 12 lorries of 5 tons each a day

Total expenses of Authority Rs 1,31,58,900 in 1951 52

Total revenue Rs 1,45,96,000

The number of men employed after nationalisation has increased

The *per capita* earning of staff has risen after nationalisation

Extra amenities if any provided for passengers Waiting stands, public conveniences, etc

Rate per passenger mile after nationalisation Six pies per mile for ordinary, nine pies for express

Number of main and sub workshops One Central Workshop at Trivandrum One sub-workshop each at Nagercoil, Quilon and Kottayam

Names of spare parts manufactured in the workshops Only very minor spare parts are manufactured

POWER PROJECTS

Total capacity of power plant installed in State (*a*) Hydro-electric—Pallivasal 37,500 kW, (*b*) Thermal (Diesel)—Trivandrum 1,146 kW, Trichur 1,100 kW, Nemmara 153 kW, Nagercoil 216 kW

Total effective capacity (*a*) Hydro-electric—Pallivasal 32,500 kW, (*b*) Thermal (Diesel)—Trivandrum 1,081 kW, Trichur 1,000 kW, Nemmara 90 kW, Nagercoil 108 kW

Total production during the year 1952-53 185,277,352 units

No of units supplied to industry 116,787,493 units

No of units supplied for irrigation and agricultural purposes 7,510,121 units

No of units supplied for domestic purposes 10,426,261 units

Power projects under execution

Pallivasal 2nd stage extension in the High Ranges in Devicolam Under this scheme, a storage reservoir to impound 1,900 c ft of water is being constructed The work was started in 1944 and was expected to be completed in 1953 Estimated cost of dam —Rs 220 lakhs

Sengulam Hydro-Electric Scheme The power station is located at Vellathuval below Pallivasal in Devicolam The installed capacity will be 4 units each of 12,000 k W rating The project was commenced in 1947 and the first two sets were expected to be commissioned in 1953 Estimated cost of the scheme is Rs 325 75 lakhs

PoringalKuthu Hydro-Electric Scheme The power station is located at Poringalkuthu on the Chalakudy river in Trichur District The installed capacity will be three units each of 8,000 kW The works connected with the project were started in 1947 and will be completed in 1954 The estimated cost is Rs 300 lakhs

All the above schemes are financed by the State Government under the Five Year Plan

Estimated rise in output after completion On the completion of the above three projects, the total installed capacity of the Hydro-electric stations will be 109,500 kW, as against 37,500 kW at present The total units generated also will go up from the present 185,000,000 to about 560 million units

IRRIGATION

Major Irrigation Schemes The following are the major irrigation projects

	Name of Scheme	Estimated cost in Rs lakhs	Area to be served in acres
1	Perinchani Scheme	44 5	56,000
2	Thripparappu Scheme	22 92	5,000
3	Peechi Scheme	196 50	40,000
4	Chalakudy Scheme— (1st stage)	153 23	50,000
	(2nd stage)	57 50	
5	Wadakkancherry (Vazhani) Scheme	57 50	11,000
6	Neyyar Scheme— (1st stage)	143 00	30,000
	(2nd stage)	80 00	
7	The Kuttanad Development Scheme — (1st stage)	93 14	1,15,000
	(2nd stage)	38 50	

Pechipara Dam in Kalkulam Taluka Capacity 3,500 M ft , Area to be served 50,000 acres

Lift Irrigation Works Extensive lands are located on a higher level from the rivers by the side of Chalakudy, Periyar, Muvattupuzha and Pampa A series of schemes have been embarked by the Government whereby water is lifted from rivers by means of electric pumps and led on to the fields through channels

About 2,000 items of minor irrigation works are being attended to annually in aid of the G M F Programme

Land Reclamation Area of land reclaimed by State Tractor Organisation About 50,000 acres

Land Tenure There are a number of land tenure systems in the State Janmam lands, Pandaram, Kanapattam, Verumpattam, etc , are some of these A Land Reform Bill is now in the Select Committee stage The Government has recently approved an amendment Bill for the Janmi-Kudiyan Act regulating the relation between landlord and tenant. This Bill will be moved in the ensuing session of the Legislative Assembly.

CIVIL SUPPLIES

Names of rationed articles Rice and Wheat Quantum of each per adult per day in ounces The overall quantity of the ration was raised from 9 ounces to 12 ounces per adult per day from the 30th March 1952, consisting of 6 ounces rice and 6 ounces wheat The wheat portion of the ration was made optional from the 10th August 1952

Requirement of the State according to the quota To give a 12 ounce ration, the State requires 825,000 tons of rice a year But with the 293,600 tons of rice received from the Government of India and about 50,000 tons procured locally it has been possible to maintain rice ration only at 6 ounces per adult per day

System of procurement Levy system fixed on a scale basis

Population living under ration system Entire State under statutory rationing

Food subsidy granted by State to maintain system Rs 8 08 crores a year

Co-operation

Total number of co operative societies 2,826

Budget allotment for the department for the year *1953 54 Rs 5 31 lakhs*

STATE HELP FOR AGRICULTURE

Manures distributed under State auspices and *their quantity (1952 53)*
Quantity of compost 35 000 tons
Quantity of oil cakes 5,000 tons
Quantity of fertilizers 4,600 tons
Bone meal 6,000 tons
Quantity of improved seeds distributed 23,960 paras

Monetary or other help given by Government to cultivators Manures except Ammonium Sulphate are issued to cultivators at 75 per cent of the cost, Government thereby incurring a loss of 25 per cent of the value as subsidy

Plant protection organisation and its operation Ten tons of insecticides were purchased and distributed during 1952-53 A special staff is now being appointed for pest control

Rise in production, if any of different crops owing to 'Grow More Food' The distribution of manures and fertilisers has resulted in an additional production of 25,000 tons of paddy

Highest yield per acre of different crops for which prizes were offered in competitions Under the paddy prize competition scheme, money prizes valued at Rs 100 per taluka and Rs 250 per district are awarded The highest yield recorded for Kanni crop of 1952 is 6,555 lb or 360 paras of paddy per acre

Budget grant for work outlined above Rs 28 49 lakhs under main head Agriculture for 1953-54

Number of stud bulls 14

Number of veterinary hospitals and dispensaries 57, Stockmen stations 12

Budget allotment for veterinary department for the year 1953 54 Rs 6 48 lakhs

PUBLIC HEALTH

Commonest diseases in State and mortality from each of these (1951 figures)

Cholera 198, Smallpox 428, Malaria 127, Typhoid 966, Other fevers 10,745, Pulmonary tuberculosis 3,607, Leprosy 46, other respiratory diseases 2,614, Dysentery and Diarrhoea 3,652.

Number of allopathic hospitals 200 Government Hospitals and dispensaries, 34 Grant-in aid excluding private hospitals

Number of Ayurvedic Hospitals 13, Dispensaries 6, Vaidyasalas 50, Grant in aid Vydhyasalas 313

Number and types of special hospitals T B hospitals 2, Leprosy Sanatorium 1, Leprosy hospitals 3, Mental Disease Hospitals 2, Women and Children Hospitals 6

Total number of allopathic doctors About 410 in Government hospitals and dispensaries

Physicians in Government Ayurvedic hospitals and dispensaries about 105

Total number of doctors (allopathic ayurvedic and unani) 515 in Govt employment

Nurses About 700, midwives 465

Compounders 300

Total number of medical colleges Allopathic 1, Ayurvedic 1

Total number of seats for students in allopathic colleges 100, in ayurvedic colleges 125 for degree course and 17 for diploma course

Names of any special medical research institutions Public Health Laboratory, Trivandrum

Budget allotment of the Public Health Department for the year 1953 54 Rs 26 16 lakhs

EDUCATION

Total number of elementary schools Primary schools 4,086 (both departmental and private)

Total number of secondary schools 1,265

Number of special schools 160

Total number of arts and science colleges 39

Number of women's colleges 5 in Travancore

Total number of professional colleges Medical College 1, Law College 1, Engineering College 1

Polytechnic Started in 1951 Provides Diploma courses in Automobile Engineering, Chemical Engineering, Food Technology and Fisheries Technology

Elementary education compulsory in certain districts Free and compulsory education exists in parts of South Travancore both urban and rural

Institution for post matriculation diploma in Engineering and Technology Maharaja's College Ernakulam

Place of language in the education system Regional language is compulsory from primary stage It is the medium of instruction up to S S L C Hindi is also compulsory from the middle school stage English except in college stage is taught as second language English is the medium of instruction in college education No plan for replacing English at the college stage

Public examinations which a student has to take during his school career and name of body controlling such examinations III Form and S S L C (Both controlled by Government) Number of students who appear for each of these examinations 44,708 appeared for S S L C in 1952 53 Percentage of failure 58 per cent

Social Education A Social Education Board has been constituted to implement the Social Education Scheme An Adult Education Research Demonstration and Training Centre started in February 1951 offers six months training to social workers in the technique of social education work Education centres have been started with persons trained in the Training Centre as Organisers and a Social Education Council for each centre to advise and help the organisers 141 literary classes have been organised for a purely literary drive to liquidate illiteracy among the rural population 175 Adult Education Institutions have been transferred to the control of the Adult Education Board There is a stationary Visual Education Unit attached to the Adult Education Training Centre

Basic Education There are a few basic schools in the State An institution has recently been started by the Government to train up teachers in the basic system of education and 106 teachers have so far been given a three months course of training Steps are being taken to constitute a Board of Basic Education Government have taken up the question of introducing the basic system in a few Departmental Primary Schools to begin with

LABOUR, HOUSING, 1952

Average daily number of workers in registered factories 1,11,120

Names of industries in which a minimum wage is fixed Plantation labour and beedi making

Total number of trade disputes for the year 1952 2,500

Names of important State laws affecting trade disputes Trade Unions Act, Factories Act, Shops and Establishments Act, Industrial Disputes Act, Minimum Wages Act and in a few places Industrial Employment (Standing Order) Act

Number of trade unions in State 600

Different classes of houses built P W D has built 72 houses for Non Gazetted officers at Trivandrum

Number of houses constructed under the Co operative Housing Scheme 300 costing on an average about Rs 1,500 each

Number of houses constructed under a scheme to provide houses for the backward communities 300

Number of houses expected to be completed 272

Local authorities that exist in the State Co operatives, Municipalities and Panchayats

Five Year Plan The total outlay on the State's Five-Year Plan is estimated to be Rs 27 32 crores

Distribution of the total outlay is as follows Agriculture Rs 545 10 lakhs, Veterinary and Animal Husbandry Rs 2 50 lakhs, Forests Rs 60 00 lakhs, Co operation Rs 8 002 lakhs, Fisheries Rs 15 00 lakhs, Major Irrigation Rs 478 00 lakhs, Power Rs 1,035 00 lakhs, Cottage Industries Rs 89 00 lakhs, other Industries Rs 15 80 lakhs, State Highways Rs 100 00 lakhs, other Roads Rs 50 00 lakhs, Nationalised Transport Rs 42 00 lakhs, Ports and Harbours Rs 30 00 lakhs, Education Rs 20 00 lakhs, Medical Rs 120 00 lakhs, Public Health Rs 51 50 lakhs, Housing Rs 10 00 lakhs, Amelioration of Backward Classes Rs 60 00 lakhs

ADMINISTRATIVE PERSONNEL

Rajpramukh

Major General H H Sri Padmanabha Dasa Bala Rama Varma G C S I G C I E

Rajpramukh's Staff

Secretary, S Vaidhyanatha Aiyar
Military Secretary J W Chacko

COUNCIL OF MINISTERS

Chief Minister (General Administration Integration Problems Law and Order Education Planning Information, Food Legislation), Pattom Thanu Pillai
Finance, Revenue, Agriculture Industries and Commerce, Excise and Forests P S Nataraja Pillai
Public Works and Transport, A Achuthan
Local Self Government, Health Labour Housing and Co operation P K Kunju

Secretariat

Chief Secretary, V N Rajan I C S
Development Secretary V V Joseph
Revenue Secretary, K C Kerala Varma
Education and Health Secretary, V K Velayudhan
Finance Secretary, A S Padmanabhan
Law Secretary, N S Radhakrishna Sharma
Food Secretary, G Thomas
P W D Secretary, G Madhavan
Additional Secretary, K Narayana Menon

HEADS OF DEPARTMENTS

Accountant General (Central), K Govinda Menon (*Comptroller*)
Chief Conservator of Forests, S Venkateswaran
Chief Engineer, K K Kartha
Chief Inspector of Factories, P Sitarama Kukkiyya
Commissioner of Labour, M K Devassy
Controller of Rationing, Thomas Manjooran (*Civil Supplies Commissioner*)
Director of Agriculture, C Thomas
Director of Animal Husbandry and Vet Services, V K Madhava Menon
Director of Education, V Sunderaraja Naidu
Director of Govt Printing and Stationery G K Analanathan
Director of Industries Dr P V Nair
Director of Public Health, Dr E S R Menon
Director of Publicity, V R Narayanan Nair
Housing Commissioner, P Sivarama Pillay (*Jt Registrar of Co operative Societies for Housing Colonisation and Settlement*)
Director of Transport, N R Srinivasan
Inspector General of Police, N Chandrasekharan Nair
Inspector General of Prisons, K Karunakara Kartha
Registrar of Births, Deaths, Dr E S R Menon
Registrar of Companies, P J Verghese
Registrar of Co operative Societies, P Gopalan Nair
Surgeon General Dr A O Jacob
Superintendent of Census V Sivaraman Nair
Mg Dir, Finance Corporation, C I Abraham

High Court

Chief Justice K I Koshy
Judges K Sankaran K S Govinda Pillay P K Subramania Aiyar Joseph Vithayathil, M S Menon, G Kumara Pillay (one place vacant)
Registrar, K S Narayana Aiyar

PUBLIC SERVICE COMMISSION

Chairman Rama Varma Thampuran
Members, Kunju Krishnan and R V Thomas
Secretary Jacob Verghese

UNIVERSITY OF TRAVANCORE

Trivandrum
Founded on 1st November 1937

Chancellor

His Highness Sir Bala Rama Varma, G C S I G C I E, D Litt

Vice Chancellor

Sir A Ramaswami Mudaliar, D C I

Pro Vice Chancellor

P R Parameswara Panikkar, M A

Registrar

P S Abraham, B A, M Ed (Leeds)

Type of University Teaching and Affiliating

Subjects in which there is provision for post graduate work and for Research English, History, Economics, Philosophy Mathematics, Physics, Chemistry, Botany, Zoology, Statistics, Malayalam and Sanskrit

The Central Research Institute offers facilities for research courses leading to the M Sc, Ph D and D Sc Degrees of the University in the following branches of pure and applied Science Pure and Applied Chemistry, Economic Botany, Statistics Marine Biology and Oceanography, Entomology, Mycology, Astronomy and Meteorology, Preventive Medicine and Pure and Applied Geology

Number of colleges maintained by the University Arts and Science Colleges 4, Professional Colleges 6

Colleges admitted to the privileges of the University Arts and Science Colleges 20, Professional Colleges 3

Total number of students in the University during 1952 53 21,756

List of Colleges affiliated to the University

Govt Polytechnic, Kalamasari
H H The Maharaja's College for Women Trivandrum
H H The Maharaja's Law College, Ernakulam
H H The Maharaja's Sanskrit College, Trivandrum
H H The Maharaja's Training College, Trivandrum
H H The Maharaja's University College, Trivandrum
Institute of Textile Technology Trivandrum
The College of Engineering, Trivandrum
The Maharaja's Technological Institute, Trichur
University Intermediate College, Trivandrum
Assumption College for Women, Changanacherry
Ayurveda College Trivandrum
Catholicate College Pathanamthitta
C M S College Kottayam
Fatima Mata National College, Quilon
Govt College, Chittur
Govt Training College, Chittur
Maharaja's College, Ernakulam
Mahatma Gandhi College, Trivandrum
Mar Ivanios College, Trivandrum
Mar Thoma College, Tiruvalla
Medical College, Trivandrum
N S S College for Women, Trivandrum
N S S College, Pandalam
N S S Hindu College, Changanacherry
Sanatana Dharma College, Alleppey
Scott Christian College, Nagercoil
Sree Narayan College, Quilon
Sree Narayana College for Women, Quilon
St Berchmans' College, Changanacherry
St Thomas College, Palai
Union Christian College Alwaye

List of Colleges affiliated to the Madras University

Sacred Heart College, Thevara Ernakulam
Sri Kerala Varma College, Trichur
St Albert's College, Ernakulam
St Mary's College, Trichur
St Teresa's College, Ernakulam
St Thomas College, Trichur

CENSUS

Trivandrum 2,154,192, Quilon 3,026,822, Kottayam 1,783,771, Trichur 2,315,640

TRADES & PROFESSIONS

Jaya Bhavatham Co, Manufacturers of Jabco Products, Banerji Road Ernakulam

KATTAPPURAM ENGINEERS, Thevara Road, Ernakulam, Automobile Repair Specialists and Dealers

LUIZ & COMPANY, P O Box No 72, Ernakulam (Travancore-Cochin), Manufacturers of Packing Cases, Crates and Battens

"NARMADA"—Humorous Malayalam Journal, Ernakulam, Editor Artist Raghavan Nair

UNITED ELECTRICAL INDUSTRIES LTD, Poonen Road, Trivandrum, "Aron" House Service Meters

PART C STATES

AJMER

Capital Ajmer

AJMER enclosed by Rajasthan lies between North Latitude 25°36 and 26°54 and East Longitude 74° and 75°22 It is bounded on the north by Jodhpur and Kishengarh on the east by Kishengarh and Jaipur, on the south by Mewar and on the west by Jodhpur The area of the State is 2,417 sq miles and the population 693 872

The estimated Expenditure and Receipts for 1953 54 are Rs 1 88 76 000 and Rs 1 88 76 000 respectively leaving a closing balance of Rs 3 60 000 The opening balance is Rs 7 60 000 Rs 2 22 000 were set apart for relief and rehabilitation Other allotments were Rs 1 00 000 for test works in scarcity areas Rs 87 600 for the distribution of improved seeds Rs 1 17 000 for protection against pests Rs 3 06 000 for sinking wells Rs 50 200 for converting town waste into manure Rs 10 63 500 for Basic education Rs 2 66 500 for social education Rs 1 10 00 000 have come from Centre for balancing budget Rs 7 95 000 for agricultural schemes Rs 2 22 000 for displaced persons

The distinguishing feature of the country is the Aravali range, the barrier which divides the plains of Marwar from the high tableland of Mewar It is not one range but a series of parallel ranges About ten miles from Ajmer the hills disappear but in the vicinity of Beawar they form a compact double range which finally meet at Kukra from which village a confused mass of hills and narrow valleys extend to the furthest extremity of the District Ajmer Tahsil consists mostly of plain country while Beawar Tahsil is more hilly The District may, generally be divided into seven main tracts separated by hills

On the whole rainfall is very precarious and very large areas are under dry cultivation which is of the Catch Crop order The main crops are maize, millet, barley cotton oilseeds, wheat, bajra, jeera chillies and onions

There are four cotton textile mills and nine hosiery factories including two well established ones and many ginning and pressing factories Mills turn out coarse cloth There is also some quarrying work in mica at some places in the district

The main transport is by railway and road The meter gauge line of the Western Railway passes through the district Ajmer city forms a nucleus of roads which radiate from here in all directions

Beawar and Kekri towns are big trading centres The district is a deficit area in the matter of foodgrains and therefore there is not much export trade The chief imports are wheat, rice, pulses, cotton and woollen piece goods, kerosene oil, salt, utensils spices, sugar and medicines

The following schemes are being run by the State Agricultural Department in connection with the "Grow More Food Campaign Well Sinking Scheme Town Compost Scheme Distribution of Oil cakes and Chemical Fertilisers Distribution of improved seeds Palmgur Development Scheme Crop Competition Scheme Plant Protection Scheme Publicity of Grow More Food Drive Crop Cutting Scheme

ADMINISTRATIVE PERSONNEL

Chief Commissioner K Kripaland
Chief Minister Gen Admn , Appointments Agriculture, Animal Husbandry Forests Harijan Welfare Medical, Public Information Co operation Industries Development Hari Bhau Upadhya
Home Finance Planning Public Works Excise Registration Stamps Bal Krishna Kaula
Law Justice Local Self Govt Transport Relief Rehabilitation Civil Supplies Revenue Labour Education Brij Mohan Lal Sharma
Chief Secretary and Development A Sen I A S
Finance P C Mukherjee
Judicial Secretary G S Caitonde
Assistant Secretary (Legis) B N Mathur
Assistant Secretary (Admn) B B Shrivastava
Assistant Secretary (Finance) D N Mehra
Assistant Secretary (Medical) R I Jha
Deputy Commissioner and District Magistrate A K Mustafa
Assistant Commissioner and Additional District Magistrate Durga Dutt Upadhyay
Assistant Additional Commissioner and Additional District Magistrate 1st Class A P Dewan
Extra Assistant Commissioner Beawar P D Khanna
Sub Divisional Officer Kekri S I Sharda
City Magistrate Ajmer G K Bhagat
Sub Divisional Officer and Sub Divisional Magistrate 1st Class Ajmer P N Seth
Stipendiary Magistrate 1st Class Beawar A Vaishingham
Stipendiary Magistrates 1st Class Ajmer (1) K G Sogani N N Bhatnagar
Treasury Officer and Magistrate 1st Class M R Goyal
Custodian of Evacuee Property and Relief and Rehabilitation Commissioner Dr Tirathand
Assistant Custodians Madho Narain Mathur M G Toshniwal
Project Executive Officer S I Sarda
Director Animal Husbandry D P Shukla
Goushala Development Officer R N Mukherjee
Poultry Development Officer S P Beri
Agricultural Officer ex officio Registrar Co operative Societies C I Nagar
Record and Rent Rate Officer Hadi Hasan
Extra Assistant Director of Agriculture C I Nagar
Agricultural Engineer C P Quiterio
Director Food and Civil Supplies A Rauf
Dy Director of Food and Civil Supplies Prem Dutt Vyas
Chief Forest Officer D I Nagdev
Labour Officer Onkar Nath Sharma
Assistant National Savings Officer B M Bhatia
Administrator Dargah A M Zuberi
Dy Inspector General of Police and Superintendent of Police Nag K Gupta I P S
Deputy Superintendents of Police Sardar Dalip Singh Khalilluddin Ghori I S Narula Trilochan Singh
Deputy Superintendent of Police Anti Corruption Department S D Puri

LEGISLATIVE ASSEMBLY

(For list of members see under General Election)

ANDAMAN AND NICOBAR ISLANDS

Capital Port Blair

The Andamans are a group of islands of various sizes large and small lying in the Bay of Bengal about 780 and 740 miles from Calcutta and Madras respectively The main part of the group is composed of five large islands, viz, North Andamans, Middle Andamans, South Andamans, Baratang and Rutland Islands generally known as the Great Andamans In cluded in the Great Andaman group are also 204 islets, the two principal groups being the Ritchie Archipelago and the Labyrinth Islands To the south of the Great Andamans is the island of Little Andaman The extreme length of the Great Andaman Islands is 219 miles and the extreme breadth 32 miles, the total land area being approximately 2 508 sq miles These Islands have several very good harbours—Port Blair, Port Cornwallis Mayabunder and Elphinstone Harbour The headquarters are at Port Blair

The Nicobar Islands, are situated to the south of Andamans 75 miles from Little Andaman There are 19 islands 7 of which are uninhabited The total area is about 635 sq miles The islands are usually divided into three groups (Southern, Central and Northern) the chief island in each being Great Nicobar, Camotra with Nancowry and Car Nicobar There is a fine land locked harbour at Nancowry between the islands of Camotra and Nancowry

POPULATION

The total area of Andaman and Nicobar Islands is 3 215 sq miles and the total population according to 1951 census excluding the aborigines is 30 971

Some of the islands are not populated at all some only sparsely while Car Nicobar is densely populated The total population of the islands of the Andaman Group excluding the aborigines was 18 939 in 1941

The population of the Nicobar group was 12 009 The original inhabitants of the islands are of a small Negrito type who live in the forests by hunting and fishing They have no fixed habitation, and do no cultivation , their civilization is about that of the Stone Age Their numbers are not known as they prefer to avoid all contact with civilization

The climate can be said to be temperate as the heat during the dry months is bearable because of the cool breeze from the sea The temperature generally varies from 65° to 95° The average rainfall is about 130 inches, and rain falls from six to eight months in the year The islands have no such season as winter The one great disadvantage is the humidity which varies from 79 per cent to 87 per cent and has an enervating effect

HISTORY

Very little is known about these islands earlier than the year 1789 when the first attempt to colonise these islands was made by Captain Archibald Blair, R N and a colony was established at Port Blair This colony was later moved to what is now known as Port Cornwallis in North Andamans and after a chequered career covering only 7 years the colony was closed in 1796 due mostly to sickness and trouble from the native inhabitants The present colony was actually opened in the year 1858 for the accommodation of a large number of prisoners following the uprising in India used to be called the 'Great Mutiny'

From 1858 to 1942 the islands were used by the Government of India as a penal settlement for convicts serving life sentences and long terms

The islands were occupied by the Japanese in March 1942 and re-occupied by the Government of India in October 1945 The Japanese built a small jetty at Malacca and roads in Car Nicobar which they developed as a supply base

With the re occupation of these islands the penal settlement was abolished

Some displaced families from East Bengal are being settled in Andamans The administration is making all efforts to help these families by giving them land rehabilitation and tacavi loans Extra working members of families are given employment in the Labour Force and Public Works Department

AGRICULTURE INDUSTRY

In the year 1951 52, 38 090 tons of timber and timber products and 44 738 bags of match splints were shipped to India and the revenue from the sale of timber and timber products amounted to Rs 64 45 174 Coconut and rubber are other sources of income

The islands are slowly being made self sufficient in paddy and rice and now grow approximately half their annual requirements No proper survey of the mineral resources of these islands has yet been undertaken

Coconuts are next to timber the most important among the produce of the islands and a major item in the diet of the inhabitants In the Andamans coconuts are mostly confined to the South Andamans Exports which go to Calcutta and Madras generally are in the form of nuts and copra

There is plenty of scope for fruit growing Such fruit as Papaya Pineapple Citrus, Bananas, Mangoes etc can be easily grown The question of starting a canning industry has at times been discussed

The Andaman Islands contain some of the biggest forest estates in the world and therefore as already mentioned the main industry of these Islands is the production of timber The forests contain many valuable species whose commercial possibilities have yet to be thoroughly investigated The better known species are Padauk, Andaman red wood and Gurjan Gurjan is in great demand for the manufacture of plywood Large quantities of soft wood are supplied to match factories

There is a High School at the Headquarters and several primary classes at outlying villages

There is a well equipped hospital at the Headquarters with a separate branch for women and children There are smaller hospitals and dispensaries at the outlying places The incidence of malaria is moderate in areas under control and in other areas the disease is kept in check with regular administration of paludrine Plague, cholera and small pox are unknown

ADMINISTRATION

The Andaman Islands are administered by the *President acting through a Chief Commissioner* and an *Advisory Council* of 5 Members The seat of administration is at Port Blair which is *connected with Calcutta and Madras* by a mail steamer which calls approximately once every 3 or 4 weeks at Port Blair The islands are con*nected to India by wireless telegraphy* An Assistant Commissioner is stationed at Car Nicobar

Chief Commissioner, S N Maitra
Advisory Council Bal Krishna Gupta Ram Krishna Ghulam Mohammad Lachman Singh Uma Pershad

BHOPAL

Capital Bhopal

Districts with populations Raisen (315 358) Sehore (521 116)

Bhopal has an area of about 6 878 sq miles a population of 836 474 and an annual revenue of one crore and thirty three lakhs of rupees It was formally proclaimed a Chief Commissioner's Province of the Indian Union on June 1 1949 and made a Part C State on the introduction of Part C States Act 1951 Since the general elections it has had a responsible ministry and a Chief Commissioner as head of the State

Bhopal is in central India It is bounded on the north and west by Madhya Bharat, on the south by the Narbada river, and on the east by the Sagar District of Madhya Pradesh Most of the State is situated on the Malwa plateau to the north of the Vindhyas The climate of the region is mild and the average rainfall varies from 30 inches to 50 inches

The State contains many remains of great archæological interest, including the famous Sanchi Topes which date from the second century B C and where the relics of two chief disciples of Lord Buddha Sariputta and Mahamoggallana were enshrined in a new Vihara in November 1952 Adjoining the topes is the Sanchi station on the Central Railway main line from Bombay to Delhi

More than two thirds of the State is arable and the soil is generally very fertile The principal agricultural product is wheat and the main cash crops are tobacco and sugarcane The forests are very extensive and valuable The land system in force is ryotwari by which the cultivator holds the land direct from the Government There is absolute permanency of tenure so long as the assessment is regularly paid

The State Government is introducing Bill in the State Assembly seeking to abolish Jagirdari system in the State 2 00 000 acres of land has already been reclaimed The State's efforts at mechanical cultivation have begun to bear fruit in that the agricultural production during the year 1953 went up the yield of wheat alone being 85 000 tons as compared to 57,000 tons in 1952

Industrially too, the State has made considerable progress Among the more important manufacturing concerns in the State are The New Bhopal Textile Mills the Strawboard Factory the Sehore Sugar Factory the Nerbudda Refrigerated *Products* Co *the Central India* Chemicals Ltd , an oil mill and several ginning and pressing factories In the sphere of cottage industries, centres have *been opened for im*parting training in various arts and crafts

Bhopal is on the Central Railway main line *between Bombay and Delhi* The chief means of communication within the State itself are the roads, of which a great many are new

Since integration the State has made vast strides in education All manner of educational institutions have been increased four times with simultaneous increase in the number of the teachers and the taught Liberal grants in respect of scholarships specially to Harijan and Backward Classes have been provided

Facilities in respect of public health are also provided There are travelling dispensaries in the countryside and a new hospital staffed and equipped on modern lines in the city

Most of the laws and ordinances passed by the Central Legislature have now been enforced in the State Services have been reorganised and new scales of pay introduced The service personnel are wholly governed by the Central Government rules and regulations

All the principal Acts and Ordinances of the Central Government are made applicable to the State along with such Acts framed by the State Governments as have been found to serve the interests of the State people The State presently stands in the full tide of responsible Government The Congress swept the polls during *the last general elections* and gained a majority with 25 seats as against five of the opposition in a House of 30

The 1953 54 budget estimates were Opening Balance Rs 4 40 000 receipts Rs 2 45 97 000 and expenditure Rs 2 45 52 000 thus leaving surplus of Rs 4 85,000 The receipts include a grant in aid from the Central Government of Rs 1 12 00 000 A new tax in the form of Agricultural Income Tax was imposed by the State Legislative Assembly which will yield to the State Government a sum of Rs 3 00 000 per annum

Under Capital expenditure was included a provision of Rs 1 22 000 for capital outlay on buildings Rs 11 95 000 for capital outlay on electricity schemes and Rs 33 40 000 for the purchase of food grains On the Five Year Plan the State Government had to spend Rs 3 98 00 000 The Central Government allotted Rs 3 crores for tractorization of land

Chief Commissioner, Bhagwan Sahay, I C S
Chief Minister, Dr Shankar Dayal Sharma
Other Ministers, Kamta Prasad Maulana Farzi Mashriqui
Deputy Minister, Umrao Singh
Judicial Commissioner N V Sathe
Chief Secretary M S Das I A S
Secretary and Commissioner Food and Civil Supplies, Information and Elections Kunwar Rajendra Niram Bisarva
Secretary and Commissioner Planning and Development Col Venoba Rao
Finance Secretary M B Lal
Secretary Commerce and Industries and Excise Commissioner Jamil Ahmad
Judicial Secretary, Abdul Alim Khan
Director Medical and Health Services Col B K Misra
Chief Engineer, P W D, Major Fehim Beg
Conservator of Forests K R N Pillai
Inspector General of Police S N Aga
Director of Land Reclamation, Azizur Rahim Khan
Collector, Sehore, Sardar Amarjit Singh
Collector Raisen, Badri Alam
Rehabilitation Officer Chetram Chopra
Director Land Records, Munawar Mohd Khan
Director of Agriculture, Dr J K Dube

LEGISLATIVE ASSEMBLY

(*For list of members see under General Elections*)

COORG

Area 1 586 sq miles Population 229,405, Capital Mercara, Strength of Legislative Assembly 24

A State in South India bounded along its entire western frontier by the mountain chain of the Western Ghats which separates it from the Madras Districts of Malabar and South Kanara The Western Ghats curve somewhat inland and thus also serve to some extent as the northern and southern boundaries In the north Coorg is partially separated from the forest highlands of Mysore State by the rivers of Kumarad hara and Hemavathi, and on the east the State merges into the general tableland of Mysore State, the boundaries being marked by the river Cavery which is known as the Ganges of South India and a famous place of pilgrimage Coorg is a hilly country with a rainfall of on an average from 80 to 120 inches with evergreen, deciduous and semi deciduous forests

Coorg was annexed by the then British Government in 1834 for some time it remained as a separate entity governed by the Government of India, through a Chief Commissioner It was given a Legislative Council in 1924 consisting of 20 members (15 elected members and 5 nominated members of whom 4 were officials and one non official to represent the communities known as Holeyas Kurubas Madigas and Yeravas) with the Chief Commissioner as its President The number of elected seats was reduced to 13 in 1949 as a result of the abolition of two seats set apart for Europeans, thus bringing the total number of seats to 18

Coorg continues to be a separate State under the Constitution of India and is termed as a Part C State Under the Government of Part C States Act, 1951 (Central Act XLIX of 1951), Coorg has been given a Legislative Assembly consisting of 24 members made up of 18 general seats 3 seats for Scheduled Castes and 3 seats for Scheduled Tribes with power to elect its own Speaker and Deputy Speaker Under the same Act a popular Ministry has also been set up to aid and advise the Chief Commissioner Coorg has also been allotted one seat in the House of the People of the Parliament of India and one seat in the Council of States combined with Ajmer

The State forms a single district covering an area of 1 586 square miles and has a population according to the 1951 census of 229,405 The population is made up of Coorgs, Gowdugals, Lingayats, Brahmins Muslims Christians and (Harijans) Scheduled Castes and Scheduled Tribes Kannada is the chief language, Kodagu (Coorg language) is a dialect of old Kannada

Budget estimate of revenue for 1953-54 was Rs 1,03,85,000, expenditure for 1953 54 Rs 1 40,95 000

Paddy, coffee, orange, pepper and cardamom are the chief agricultural produce There is no large scale industry Transport consists mainly of buses, lorries and bullock carts The chief items of trade are coffee, orange, pepper, cardamom and rice

A college was opened in June 1949

The total length of the State roads is 387 miles

Council of Ministers

Chief Minister, C M Poonacha
Minister for Law and Order, K Mallappa

ADMINISTRATIVE PERSONNEL

Chief Commissioner, Lt -Col Kanwar Dayal Singh Bedi, I P S
Secretary to the Chief Commissioner, B R Verma
Assistant Commissioner and District Magistrate, I C Subbayya, M A , B L
District Superintendent of Police, M P Muthanna, B A , B L
Conservator of Forests, N Thirumurthy, M A , I F S
Civil Surgeon, T B Medappa, M B B S
Agricultural Officer, B S Varadarajan, B Ag.

Registrar of Co operative Societies, G Ghiappa B Sc (Hons)
Munsiff and 1st Class Magistrate Virajpet, K A Thammayya, B A, B L
Munsiff and 1st Class Magistrate, Mercara, M B Madappa, B A, B L
Agricultural Income Tax Officer and Income Tax Officer, B Anjaneya B A
Superintendent, Central Excise V Natarajan, B A
District Employment Officer P Parameshwaran
Chief Veterinary Officer A M Muthappa G M V C
Irrigation Officer C Vishweshariah, B E
Government Electrical Inspector, C B Narasimhamoorthy
Malaria and Health Officer, C B Cariappa, M B B S
Principal Government College, K P Achutan Pillai M A
District Educational Officer J Ganesh Rao B A, L T
Executive Engineer S H Abhyankar B E, M I E
Treasury Officer W F Albert

LEGISLATIVE ASSEMBLY

(For list of members see under General Elections)

HIMACHAL PRADESH

Area 10 451 sq miles Population 983 967 Capital Simla, Strength of Legislative Assembly 36

The new State of Himachal Pradesh comprises 21 former Punjab Hill States and their 9 tributaries The 21 States are Baghal Baghat, Balsan Bushahr Bhajji, Puja Chamba Darkoti Dhami Jubbal Kiunthal Kumarsain Kumhar Kuthar, Mahlog Mandi Mangal Singri Sirmur Suket and Theroch

The 9 tributaries are Delath, Dhadi Chund Khaneti Koti Madhan, Ratesh Rawingarh and Theog

The State came into being on April 15 1948 the consolidation has been achieved with the full agreement and support of the Rulers and the people

Himachal Pradesh lies between North Latitude 30° 30' and 33° 10' and East Longitude 75° 55' and 79° 50' It is bounded on the north by the Jammu and Kashmir State on the south by Tehri Garhwal and Dehra Dun Districts of Uttar Pradesh and the Ambala District of Punjab on the west by Ambala Hoshiarpur and Kangra On the east the boundaries are undefined

The State is divided into four administrative districts, Mahasu Sirmur, Mandi and Chamba

Mahasu District has a population of (1951) 330,614 and is divided into two sub divisions Rampur and Jubbal The Rampur sub division contains the Tehsils of Rampur Rohru Chini and the Jubbal sub division contains the Tehsils of Jubbal Chaupal Theog Junga Arki and Solan and the sub Tehsils of Kumarsain Kasumpet, Sunni and Kotkhai

Sirmur District has a population of (1951) 166,077 and is divided into four Tehsils, Nahan Pachhad Rainka and Paonta

Mandi District has a population of (1951) 310 628 and contains the Tehsils of Sadar (Mandi), Karsog Sundernagar Joginder nagar, Sarkaghat, Chachhot and the sub Tehsil of Dehar

Chamba District has a population of (1951) 176,050 and is divided into the Tehsils of Chamba, Churah and Bhattiyat

ECONOMY

The main agricultural wealth of the State consists in potatoes and fruits such as apple, peach, almond, nuts, pomegranate Salt is another important item while forests yield timber, fire wood and charcoal Handicrafts which include Pashmina shawls wool of fine quality, resin, herbs, musk and skins are a third source of income

Himachal Pradesh forests supply the largest quantities of coniferous timber in Northern India They are the main source of revenue in the State, the estimated annual revenue being Rs 70,41,000 The forests are also useful in ensuring the safety of the catchment areas of the Jumna Sutlej Beas, Ravi and Chenab Rivers On the protection of these catchment areas depends the steady and constant flow of water in these rivers, and the success of irrigation and engineering works in the plains For purposes of forests utilization the State has been divided into twelve territorial forest divisions viz Chamba Churahi Mandi, Nachan Suket, Jubbal, Simla Solan Nahan Rajgarh, Upper and Lower Bushahr

Potato is the chief cash crop The State has established itself as a vital source of potatoes especially seed potatoes for the plains of India It exports nearly 5½ lakh maunds of potatoes annually out of which over 3½ lakh maunds are directly utilised as seed potatoes

For 1953 54 budget estimates provide for revenue receipts of 174 5 lakhs and expenditure Rs 290 1 lakhs thus leaving a deficit of Rs 111 15 lakhs

GOVERNMENT

When the State was first formed it was administered from the Centre It had an Advisory Council of 9 members constituted to advise the Chief Commissioner in the discharge of his functions Of these 9 members 5 were the representatives of the Rulers of the former States which have been integrated in the Himachal Pradesh and 6 were popular representatives

After the general elections the Advisory Council was abolished and a responsible ministry was set up to advise the Lieutenant Governor

In a legislature of 36 members the Congress has 28 seats

ADMINISTRATION

Lieutenant Governor Maj Gen Himmat Singhji
Chief Minister Con Adm Finance Revenue Excise Forest Agriculture Animal Husbandry, Legislative Assembly Justice and Law Information Dr Yashwant Singh Parmar
Police Jail Planning Development Education Co operatives Panchayats Industries Civil Supplies, Pandit Padam Dev
P W D Medical Public Health, Local Self Govt, Transport Gouri Prasad
Chief Secretary K L Mehta
Secretary Finance D P Rozdon
Development Secretary cum Development Commissioner M M Krishna
Judicial Secretary Mahesh Chander
Assistant Secretary Judicial Chet Ram
Assistant Secretary (General) and Chief Electoral Officer Himachal Pradesh Inder Sen
Assistant Secretary (Home and Revenue) Raghubir Singh
Assistant Secretary (Political) Prem Raj Mahajan
Secretary to Lieutenant Governor and Custodian Evacuee Property Himachal Pradesh, B L Soni
Judicial Commissioner R K Choudhry
Inspector General of Police Ashwani Kumar
Chief Conservator of Forests I Singh
Director of Health Services, Dr (Mrs) A C Parmar
Dy Director Education S N Sehgal
Chief Engineer G R Nangia
Chief Electoral Officer Inder Sen
Asstt Director of Health Services, Dr D R Mehta
Deputy Commissioner, Mahasu S C Singhta
Deputy Commissioner, Mandi, R G Abbhi
Deputy Commissioner, Sirmur, Kehar Singh
Deputy Commissioner, Chamba, A Kumar
Director of Industries and Civil Supplies, Ram Lal
Registrar, Judicial Commissioner's Court, Om Prakash
Registrar, Co operative Societies H R Joshi
Officer on Special Duty R S Bhandari
Dist and Sessions Judge, Mahasu, Sirmur, Tej Singh
Dist and Sessions Judge Mandi, Chamba, Ramji Dass

LEGISLATIVE ASSEMBLY

(For list of members see under General Elections)

KUTCH

Capital Bhuj

Kutch was integrated with the Indian Republic as a Chief Commissioner's State on June 1, 1948

The State has a land area of 16 724 sq miles The population is 567 606 (1951 census)

The State is bounded on the north and the north west by Sind (Pakistan) on the east by North Gujarat on the south by Saurashtra and on the west and south west by the Indian Ocean

The capital of the State is Bhuj, founded in 1549

There is a fair proportion of good cultivable land in Kutch the principal crops being bajra wheat barley and cotton Irrigation is also well developed with 46 reservoirs irrigating a land area of about 75 000 acres Of the 11 irrigation dams under the first Five Year Plan, six will be ready shortly and the remaining are under various stages of completion This will increase the area of irrigated land by 67 800 acres It is expected that by the end of 1955 56 the total area of irrigated land would be increased by 1 00 519 acres of land raising the production of foodgrains by 30 000 tons and fodder by 50 000 tons Work on 10 new tanks started during 1952

The State is rich in gypsum clays and limestone, and has large deposits of lignite alum marble and ochres

The main occupation of the people apart from agriculture and cattle rearing are embroidery and silver work which are well known for their beauty

Kutchis are an enterprising and seafaring people Over six lakhs of Kutchis are distributed in principal cities of India and over 10 000 are abroad

The currency of the State which in the past was reckoned in Kories was demonetised on April 26 1949 when Indian currency was introduced

The main items of export are salt cotton, wool castor seeds bones hides skins and fish The main items of import are foodgrains oil seeds cloth condiments etc

The land revenue system has been changed from crop sharing to *adhoc* Vighoti thus providing a rational basis for Government revenue The question of taxation of alienated land and thus gradually abolishing the Jagirdari system is under the consideration of the Government of India

New weights and measures under the Bombay Weights and Measures Act 1932 were introduced in October 1950

Efforts are being made for the expansion of education in the State There are eight High Schools with 2 600 students 13 middle schools with 2 090 students 294 primary schools with 21 500 students, and 395 unrecognised primary schools for boys and 135 for girls There are also a Art School a training school for teachers, a school for the blind and an agriculture school and about 40 adult education centres The total number of students in all these schools is about 33 000 From this year an Intermediate Arts and Science College with 150 students has been started Primary and secondary education is free The State has a programme for opening five new schools every year It is proposed to open a Technical School this year

Free medical relief is available in Kutch There are 6 hospitals, 15 dispensaries and 2 maternity homes run by the Government There are 7 private hospitals and 31 dispensaries There is also one T B Sanatorium run by private efforts and will soon be taken over by the Government A F B Clinic is run by private practitioners at Mandvi Two mobile dispensaries have been started for medical relief to village people and two more will be added shortly Under the Five Year Plan a Genera

Hospital at Bhuj an Eye Hospital at Mandvi a Mental Hospital at Bhuj and five mobile dispensaries are envisaged B C G Vaccination programme is being carried out A Public Health Department has been opened A provision of Rs 10 lakhs has been accepted for public health activities in the State The scheme consists of anti malaria measures distribution of multi vitamin tablets opening of milk and fruit centres for children publicity and propaganda

The chief means of communication is by sea Goods are carried by country craft the chief import and export centres being Mandvi Luni and Kandla The State has a modern port at Kandla with a natural harbour The Government of India have decided to develop Kandla as a major port and the minor ports of Mandvi Mundra Jakhan Koteshwar and Jakhpat The metre gauge railway between Kandla and Deesa was declared open by President Dr Rajendra Prasad in October 1952 thus linking Kutch with the hinterland of North India and Rajasthan

296 villages each having a population of over 500 are served by the Kutch State Motor Service on 45 different routes covering an area of 1 218 sq miles in 8 249 sq miles of habitable area in Kutch

The estimated revenue for the year 1953 54 was Rs 37 48 000 and revenue expenditure Rs 1 57 59 000

Kutch is a Part C State administered by a Chief Commissioner assisted by a Council of two Advisers inaugurated on 27th July 1952 Kutch has no Legislative Assembly of its own It is represented in the Indian Parliament by two members in the House of the People and one member in the Council of State The latter is elected by an Electoral College consisting of 30 members under the Representation of Peoples Act Steps are being taken to bring the administration of the State in line with other States Most of the departments have recently been re organised and the scales of pay revised on the Bombay lines Suitable rules for recruitment to services are under formation

The electoral college formed after the general election has a strength of 30 Out of this 28 members belong to the Congress

President Chief Commissioner

COUNCIL OF ADVISERS

Members P B Thacker and J G Vaidya

ADMINISTRATIVE PERSONNEL

Chief Commissioner S A Ghatge
Judicial Commissioner N C Vakil
Chief Secretary to the Govt, B G Khabade
Collector and Dt Magistrate, T M Seth
Dt and Sessions Judge M D Manek
Addl Dt and Sessions Judge K H Desai
Settlement Officer B K Pandya
Principal Engineering Officer H M Antani
State Engineer P K Vora
Dt Supdt of Police K S Hirasingh
Chief Medical Officer Dr K I Taskar
Accounts Officer M H Dholakia
Education Officer R Shah
Agricultural Officer, Smt R R Shah
Secretaries to the Chief Commissioner, K V Bhatt S B Patil
Asstt Secretary to the Chief Commissioner, P S Mankad
Project Executive Officer H C Jethi
Statistics B P Rao
Dy Registrar of Co op Societies I A Budhecha

1951 CENSUS*

	Males	Females	Total
Bhuj City	14,692	15 340	30,032
Mandvi Town	13 861	15,427	29 288
Anjar Town	9 435	9 869	19,304
Mundra Town	3 523	4 195	7,718
Bhuj District	26 347	29,829	56,172
Mandvi District	30 909	36,748	67,657
Anjar District	28 143	26,358	54,501
Mundra District	20 061	24 705	44 766
Bhachau District	22 805	22 966	45,771
Rapar District	36 273	34,269	70,542
Abdasa District	25 397	28 817	54,214
Nakhatrana Dist	25 045	90,158	55,203
Lakhpat Dist	6 007	6 133	12,140
Banni Mahal Dist	1 524	1,433	2,957
Khavda Mahal Dist	3,588	3 302	6 890
Khadir Mahal Dist	1 207	1 038	2 245
Adhoi Mahal Dist	3 662	3 775	7 437
Military	863	100	963
Total	273,342	294,462	567,804

MANIPUR

Area 8 628 sq miles Population 577 635 Capital Imphal Strength of Electoral College 30

Manipur bounded on the east and south by Burma and on the north and west by the Naga Hills and Cachar District of Assam is a highly strategic State on the eastern frontier of India Two land routes from Burma pass through its territory It was formally proclaimed a Chief Commissioner's Province of the Indian Union on the 15th of October 1949 and it is now a Part C State

In the Electoral College formed after the General Elections there are 10 Congress members All Manipur National Union 2 Praja Shanti Party 3 Kuki National Union Achumba Panba Congress 2 Communists 2 Mao Maram Union 2 Socialist Party one Gandhi Sevak Sabha one Manipur Zehangtong Union 2 Mizo Union one Independents one The total strength of the College is 30

It was reported later that the strength of the Congress party had increased to 18

The State has a population of 577 635 (1951 census) and an area of 8 628 square miles The density of the population is 67 Seven hundred square miles of the area form a central valley, 2,600 feet above sea level, which is shut in on all sides by extensive hill tracts covering the rest of the State with hill stations as high as 6,000 feet above sea-level The climate varies from temperate in the valley to cold in the high stations in the hills The rainfall on the average is 65 inches in the year

The main population is Meitcis inhabiting the valley with some 40 tribes and sub-tribes known by the generic names of Nagas and Kukis Though a number of different dialects are spoken in the State, Manipuri and English are the official languages The people are carefree and healthy, with a passion for religious festivals involving community dances in which both sexes join

There are about 1 783 refugees

The soil is fertile Rice is the principal crop of which Manipur exports a fair quantity Handloom weaving is a popular industry throughout the State and Manipuri cloth of various picturesque and indigenous designs is in demand throughout India and even outside

The administrative machinery under the former State Government was archaic and ineffective and has therefore been reorganised

The Budget figures for Income and Expenditure for 1953 54 are Rs 34 66,000 and Rs 1 05 44 200 respectively

The Planning Commission have tentatively accepted a outlay of Rs 1 5 crores for the following Development schemes in Manipur under the Five Year Plan They are Forest Development scheme, Medical Development scheme Agricultural Development scheme, Veterinary and Animal Husbandry Development scheme Education Development scheme and Communication Development scheme Over and above the aforesaid schemes, the following schemes are also contemplated to be taken up under the Five Year Plan namely Hydro Electric Supply scheme Water Supply scheme for the town of Imphal and rural water supply scheme Most of the schemes are now in progress

ADMINISTRATIVE PERSONNEL

Chief Commissioner and District Magistrate R P Bhargava I C S
Advisers Dwijamani Deb Sharma S Krishna mohan Singh A Dutho I Kampu S Tombi Singh
Secretary Revenue and Finance Departments P C Deb
Secretary Home and Development Departments J Kipgen
Assistant Secretary Finance I Kalachand Singh
Assistant Secretary Home and Publicity Officer S Gouraha ri Singh
Judicial Commissioner Thakur Laxmanaram
District and Sessions Judge L Ibungohal Singh
Deputy Commissioner and District Magistrate M N Phukan
Superintendent of Police S Palit I P S
Commandant Manipur Rifles B D Dam
Chief Medical Officer A C Kapoor
Registrar of Co operative Societies and Director of Industries H Biraha ri Singh
Principal Engineering Officer Y Tombi Singh
Agricultural Officer Udhob Singh
Electrical Engineer M Brojomani Sharma
Manager Manipur State Transport Kh Budha Singh
Inspector of Schools K Gouri Singh
Principal Dhanamanjuri College S N Chatterjee
Administrative Officer (Claims) U C Deka
Project Executive Officer M Radheshyam

TRIPURA

Tripura is one of the oldest Hindu States in India It is bounded on the north by the Sylhet and Cachar Districts, on the west by Sylhet Tipperah and Noakhali Districts, on the south by the Chittagong and Noakhali Districts and on the east by Lushai and Chittagong Hill tracts The major portion of the State is hilly and full of jungles

The area of the State is 4,032 sq miles, and the population according to the 1951 census 639 029 The increase over 1941 was 24 56 per cent The number of refugees was 101,200 Hence the net increase is only 4 84 per cent To day the density is 158 while in 1941 it was 124

The agricultural wealth of the State consists of paddy jute cotton, tea and fruit such as pineapple jackfruit etc, while forests yield timber, firewood and charcoal Paddy is the main source of revenue

The State is divided into ten administrative Divisions—Sadar, Khowai Kailashahar, Dharmanagar, Sonamura, Udaypur, Belonia, Sabroom, Kamalpur and Amarpur

Sadar Division has a population of 223,416 (1951) and is divided into ten Tahsils—Sadar, Puranagartala, Bamutia, Mohanpur, Simna Ishenchandranagar, Kamalasagar, Takarjala, Bishalgar, Charilam

Khowai Division has a population of 55,560 and is divided into three Tahsils—Khowai, Kalyanpur and Asharambari

Kailashahar Division has a population of 75,266 and is divided into three Tahsils—Kailashahar Fatikroy and Kanchanpur

Dharmanagar Division has a population of 65,908 and is divided into four Tahsils—Dharmanagar, Brojendranagar Kurti and Longai

Sonamura Division has a population of 44,544 and is divided into five Tahsils—Sonamura, Kathalia, Bakshanagar, Dhanpur and Mantinagar

* Provisional totals Final totals for Bhuj city 30 985, and for Mandvi 29 305

Udaypur Division has a population of 58 577 and is divided into two Tahsils—Radhakishorepore and Salgarah

Belonia Division has a population of 40,209 and is divided into seven Tahsils - Belonia, Rajnagar, Radhanagar, Purunrajbari, Sidhinagar, Hrishyamukh and Muhuripur

Sabroom Division has a population of 24,680 and is divided into five Tahsils—Sabroom, Manu, Amlighat Samarendraganj and Gorakapa

Kamalpur Division has a population of 30,373 and is divided into two Tahsils—Kamalpur and Kulai

Amarpur Division has a population of 21,602 and is divided into three Tahsils—Birganj Omphi and Dumboornagar

The Chief Commissioner who is the head of the State is assisted by a Council of three Advisers and three Secretaries each in charge of several Departments

There is also a District Magistrate, and for each of the Divisions an S D O On the judicial side there is a Judicial Commissioner's Court which is the highest court in the State There is also a District Court and in seven out of the ten Divisions a Munsif Court

The Electoral College has a total strength of 30 Out of this the Congress won 9 seats Communists 12 Ganatantrik Sangh 3 and Independents 6

ADMINISTRATION

Chief Commissioner V Nanjappa I C S
Council of Advisers S J Singh I M Deb Barma S Sen Gupta
Chief Secretary B Das
District Magistrate R Ghosh I A S
Secretaries R K Dev Varma, N J Dev Varma S C Ghosh B I
Dy Secretaries P K Dev Varma H K Deb Barma B A
Assistant Secretaries C R Bhattacharjee B L D C Dutta
Director of Health Services H P Banerjee
Director of Agriculture, Vacant
Director Relief & Rehabilitation P C Majumdar
Director of Civil Supply and Procurement H S Deb Barma
Div Forest Officer N C Bhattacharjee
Principal Engg Officer A K Sen B E
Superintendent of Police P N Banerjee
Commandant Armed Police Bn, Major H K Deb Barma
Legal Remembrancer R N Singhal
Registrar Tripura Secretariat B K Sen Gupta
Superintendent of Press B C De
Inspector of Schools S K Dutta B Sc B I
Statistical Officer C Paul M Com
Labour Officer B C Halder B L
Dir of Edn Dr I C Das Gupta
Publicity Officer K P Dutt M A
Judicial Commissioner I J Narain
Dt Judge C Gupta, M A B L

VINDHYA PRADESH

Capital Rewa

Vindhya Pradesh lies between 20° 30 and 26° 15' N latitude and 78° 15 and 82° 50 L longitude It now includes 25 Baghelkhand and Bundelkhand States of which Rewa is the biggest The States besides Rewa are Ajaigarh Baraundha, Bijawar, Chhatarpur, Charkhari Datia, Maihar, Nagod, Orchha, Panna (Salute States) and Alipura, Bhaisunda, Garrauli Gaurihar, Jaso, Kamta Rajaula Khaniadhana Kothi, Naigawan Rebai, Pahra, Paldeo, Sohawal, Taraon (Non salute States)

Originally Vindhya Pradesh was composed of 35 States of which the following 10 were transferred to Uttar Pradesh on 25th January 1950 Samthar, Sarila, Jigni, Bihat Banka Pahari, Baoni, Beri, Dhurwai, Tori Fatehpur and Bijna

Vindhya Pradesh lies between Uttar Pradesh in the north and east and Madhya Pradesh in the south On the west lies Madhya Bharat

The population of the State is 3 574,690 according to the 1951 census, and the area 23,603 square miles Hindus form an overwhelming majority of the population The languages spoken are Hindi and dialects called Baghelkhandi and Bundelkhandi The main occupation of the people is agriculture and forestry The capital of the State is Rewa

There are 8 districts subdivided into 26 Tehsils Formerly Rewa Satna Shahdol and Sidhi districts formed Baghelkhand Division while Bundelkhand Division comprised the districts of Datia, Tikamgarh Chhatarpur and Panna each Division being under a Commissioner but now all the districts are under a Commissioner with Headquarter at Nowgong

The following table gives the population of each of the districts according to the 1951 census

Name of District	Population according to 1951 census
Rewa	633 706
Satna	595 603
Sidhi	464 302
Shahdol	630 757
Panna	208,703
Chhatarpur	481,140
Tikamgarh	366 165
Datia	194 314

The soil is poor and bears only average crops Wheat Gram Barley, Linseed, etc, are grown in the spring and Rice Maize Saman Kodon, Cotton Bajra, etc in the autumn Irrigation is mainly by bandhs and wells

MINERALS

Vindhya Pradesh has large mineral resources The State is richly endowed with coal in Sidhi and Shahdol district and building stone and limestone in Satna district Large deposits of Corundum are found in the Sidhi District The diamonds of Panna are well known Other minerals and raw materials of economic importance are iron ore copper ore lead ore, yellow ochre fireclay and bauxite

Mines of sillimanite quartz and felspar barytes glass sand and manganese ore also found in the State There are good prospects for the manufacture of cement, glass paper aluminium, heavy chemicals and synthetic petrol

Seven collieries are at present working in the State A few of them are electrified and are worked on up to date lines

Eighteen lime manufacturing companies all in Satna district produce rich lime which is supplied throughout India and thousands of workers are engaged in the industry

Up to date machines have been installed in the diamond works of Messrs Panna Diamond Mining Syndicate It is capable of handling 250 tons of ore in an eight hour day

FORESTS

There are extensive forests which produce excellent timber Enough bamboos and bagh grass are also available for making paper pulp Tender leaves for making bidis are also found in abundance There is a shellac factory at Umaria in Shahdol District

The jungles in the south east are famous for their big games Tigers are found in considerable numbers as also bears panthers and wild buffaloes while Sambhar, Chikara and Raj abound

COMMUNICATIONS

The State is not well served by railways and communication is mostly by road Satna (32 miles) is the railway station for Rewa the capital of the State and is situated on the Central Railway Another section of the Central Railway between Manikpur and Jhansi passes through a few villages in the former Bundelkhand Division The Katni Bilaspur section of the Eastern Railway passes through the southern district (Shahdol) for a distance of 138 miles

There are not many metalled roads, and parts in the interior are sometimes cut off from one another during the monsoon All the district towns are connected by road

ARCHAEOLOGY

There are a number of places of archaeological interest in the State chief among them being the Khajuraho and Orchha temples the Bandhogarh Fort Chandrcha temple Nanda caves Bir Singh Palace Datia Jahangir Mahal with a flower garden at Orchha the source of the Narbada River at Amarkantik and the Jain temples at Sonagir Bharhut Silahra and Ahar There are numerous waterfalls the most picturesque among them being the Chachai and Keoti in the old Rewa State

EDUCATION

There is one Post Graduate College which also conducts Law Classes at Rewa one Degree College at Chhatarpur two Intermediate Colleges at Tikamgarh and Satna, 33 High Schools 199 A V M Schools and about 2008 Primary Schools three Teachers Training Schools a Technical Institute a Polytechnic in Agricultural Institute and a Leather Training Institute In addition there are 12 Night Schools The approximate number of students in the educational institutions is 1 lakh

For 1953 54 budget estimated receipts including Central Govt grant were Rs 4 39 60 400 and expenditure Rs 4 39 49 400 thus leaving a surplus of Rs 11 000

Gandhi Memorial Hospital equipped with up to date instruments with an investment of about 30 lakhs has been opened at Rewa

A separate Department for the welfare of Scheduled Castes Scheduled Tribes and other Backward Classes has been started for the amelioration of the conditions of these classes A separate Department for Information and Publicity too is functioning

POLITICAL SET UP

Vindhya Pradesh became a Centrally administered area under a Chief Commissioner on January 1, 1950 and is now listed as a Part C State under the new Constitution and is being governed by a Lieutenant Governor since March, 1952

In accordance with the provisions of Government Part C States Act, 1951, a Vindhya Pradesh Legislature consisting of 60 members has been formed

There is a Judicial Commissioner's Court presided over by a Judicial Commissioner and assisted by one Additional Judicial Commissioner

ADMINISTRATIVE PERSONNEL

Lieutenant Governor K Santhanam
Chief Minister Shambhoo Nath Shukla
Minister for Justice and Planning Gopal Saran Singh
Minister for Home Lala Ram Bajpai
Minister for Industries & Civil Supplies Dan Bahadur Singh
Minister for Finance and Social Services Mahendra Kumar Mistry
Chief Secretary M P Shrivastava I A S
Secretary to Lt Governor S J Dang
Judicial Commissioner H R Krishnan, I C S
Additional Judicial Commissioner, Pancholi Chhatar Singh, B A, L L B
Comptroller, N K Bhattacharya
Inspector General of Police Baleshwar Prasad I I
Finance Secretary, M S Venkatram
Judicial Secretary, S D Khare
Revenue Secretary K C Tewari
Secretary, Development and Social Services Department, K Chowdhury, I A S
Joint Secretary, G A D P D Chatterji B A
Deputy Secretary, Commerce and Industries, R D Singh, M A
Deputy Secretary, Revenue, M P Goswami, M A, L L B
Deputy Secretary, Home R N Mishra, M A
Deputy Secretary, Judicial Department Gauri Prasad
Senior Member Board of Revenue, Kanahiya Lal Pancholy, I A S
Director of Medical and Health Services (also Inspector General of Prisons) and Ex officio Joint Secretary to Government, Col V Shriniwasan, M B B S, L R C P, M R C P, F R C S

Director of Education and Ex officio Joint Secretary to Government Dr A P Mathur M Sc D Sc I E

Director of Agriculture and Ex officio Joint Secretary to Government Sultan Singh I A S B Sc (Agri)

Director of Food and Civil Supplies and Ex officio Joint Secretary to Government in Revenue Department Kali Charan Tewari M Sc I E B

Development Commissioner I C Puri B Sc B C A M I E (India)

Chief Conservator of Forests D D Singal I F S

Principal Engineering Officer Krishna B Sc B E

Chief Electrical Engineer V N Shrivastava B Sc (Eng) M I E E (Japan)

Commissioner Bundelkhand and Baghelkhand Divisions N K Dubey M A

Deputy Commissioner Kota M P Shrivastava M A I L B

Deputy Commissioner Panna P K Chakravarty I A S

Deputy Commissioner Shahdol I K Chowdhary I A S

Deputy Commissioner Satna M N Zutshi B A I L B

Deputy Commissioner Tikamgarh N P Dixit B A I L B

Deputy Commissioner Chhatarpur, Narendra Nath B A I L B

Deputy Commissioner Sidhi Ram Nath Singh M A I L B

Deputy Commissioner Datia Raghvendra Pd B Sc I L B

Officer on Special Duty Revenue Department A K Tankha B Sc

Chief Animal Husbandry Officer Capt N G Iyengar C B V C (Bom)

Community Project Officer, W B Kelkar, M A, L L B

Irrigation Engineer S S Chowdhary

Registrar Co operative Societies, Kedar Nath Dubey M A I L B

Information and Publicity Officer V N Mishra, M A Sahitya Shastri

Backward Classes Welfare Officer, Kateh Bir Bahadur M A

Principal Durbar College Rewa, Dr J K Das Gupta M A Ph D (Lond)

Principal Maharaja College Chhatarpur, Dr Hari Ram Mishra M A D Litt

Land Reforms Commissioner Jagannath Pd Tripathi

LEGISLATIVE ASSEMBLY

(For members of Assembly see under General Election)

TRADES & PROFESSIONS IN AJMER

BHARGAVA BROTHERS, Madargate, Ajmer, Wholesale General Merchants, Commission Agents and Chemists, *Sole Agents* Grahms Trading Co (India) Ltd, for Atlantis and Rowntries products in Rajasthan and for Ovaltine in Jodhpur and Bikaner Divisions

FRAMROZ N CONTRACTOR, Beawar Road, Ajmer, Wine Merchants, Commission Agents and Manufacturers' Representatives, Representatives required from Indian Distilleries for Indian made foreign Liquors and also imported Liquors, Phone 337, Grams "FRAMBAR"

FRAMBAR & RESTAURANT, Ajmer, Prop E N Contractors, Wine Merchants, Caterers, Manufacturers of Syrups and Standard Aerated Waters, Phone 337, Grams: "FRAMBAR"

J S MEHTA & BROS (Prop G M Mehta), Sarai Chisty Chaman, Station Road, Ajmer, Dealers in General Merchandise, Gramophones, Records, Watches, Banjos and Harmoniums

K J MEHTA & BROS, Radios and Gramophone Dealers and General Merchants, opp Railway Station, Ajmer, Dealers in Novelties, Presentation articles, Games, Toys, Electrical Household appliances

KOHINOOR WATCH CO, Prop Anshiram G Abichandani, 6, Kutchery Road, Ajmer, Registered Dealers for Fauvre-Leuba & Co, Associated Watch Co, and Ranjan Fans

NEW DRAPERY HOUSE, Cloth, Wool & Hosiery Merchants, Kaiser Ganj, Ajmer

NEW GENERAL STORES, Manufacturers, Representatives and Commission Agents, Beawar Road, Ajmer, Agents for Sterling Dairy Farm, Ahmedabad, The Central Hindustan Orange and Cold Storage Co, Ltd, Nagpur

Telegram REWRKS Telephone 118

RAJPUTANA ELECTRIC WORKS

Mechanical & Electrical Engineers & Contractors

KAISER GANJ, AJMER

Managing Agents The Bundi Elec Co Ltd The Jhalawar Transport Service Ltd Ranjit Talkies Bundi

Proprietors BRIJ ICE FACTORY KOTAH JN

Sub Agents GREAVES COTTON & CROMPTON PARKINSON LTD

Authorised Dealers Philips Lamps *Stockists* C M A WIRES

BURMAH SHELL PETROL DEALERS FOR MANDAL & SHAHPUR

Proprietors BRIJNARAIN BRAHMWAR *Manager* R C GOYAL

ROYAL BAR & RESTAURANT, Wholesale & Retail Wine and Liquor Dealers, opp Railway Station, Ajmer, Specialised in Aerated Water and Ice cream, Full meals served, Frigidaire Beer is available at all times

SHARDA BROTHERS, Cloth Merchants & Cycle Dealers, H O Imperial Road, Ajmer, Branch Mewari Bazar, Beawar

TRADES & PROFESSIONS IN KUTCH

Abdool Husein Jafferji Sulmanji, Chemist and Druggist, Mandvi (Kutch)

Agaria Rajahusein Amirali & Co Importers, Exporters and Commission Agents Kutch (Mandvi)

Bhandari Jasraj Rajpal, Timber Merchant Mandvi (Kutch)

Chaturbhuj Narandas Agriculture Expert, Props Union Brothers Flour Mills Kutch (Mandvi)

Cutch Oil & Allied Industries (1949) Ltd Kutch (Mandvi)

Dholakia Brothers, Manufacturers of Writing Inks and other toilet articles Mandvi (Kutch)

Govindji Valji & Brothers Mechanical Engineers, Repairers and Commission Agents Mandvi (Kutch)

Gurjar Ice Factory Ice Manufacturers, Engineers and Commission Agents, Mandvi (Kutch)

Hariram Karson Import and Export Merchants Commission Agents Dealers Hindustan Cars, Studebaker Cars & Trucks, Kutch (Mandvi)

Hariram Karson Kutch (Mandvi)

Harji Lakhamsi Timber Merchant Mandvi (Kutch)

Jadavji Dhavji & Co Iron and Hardware Merchants Mandvi (Kutch)

Jayantilal Revashankar & Co, Direct Importers and Manufacturers' Representatives, Mundra (Kutch)

Kalyanji Shivji, Tobacco Merchant, Mandvi (Kutch)

Khoja Rajahusein Amirali & Co, Importers, Exporters and Commission Agents Kutch (Mandvi)

Laxmidas Mulji & Brothers, Iron, Hardware and Paints Merchants, Mandvi (Kutch)

The Mandvi Engineering Company, Okhai Bazar, Kutch (Mandvi)

Mehta, Pitamber Sejpal, General Merchant and Commission Agent, Mandvi (Kutch)

Mehta Ravilal Bhagvanji Machinery and Timber Merchants Mandvi (Kutch)

Mehta Soap Factory, Props Dwarkadas Ralji & Co, Kutch (Mandvi)

Merau Metal Works, Kutch (Mandvi)

Mohamadbhai Mulla Karimji Kathiwala, Cutlery Merchants, Bunder Road Kutch (Mandvi)

Narottam Jamnadas & Co Importers, Exporters and Manufacturers' Representatives, Mandvi (Kutch)

Puri Brothers, Booksellers, News Agents and Manufacturers' Representatives, Mandvi (Kutch)

Ratansey & Co, Agents and General Merchants, Bunder Road, Mandvi (Kutch)

SANGHVI VENIDAS KESHAVJI & CO, General Merchants and Commission Agents, Anjar (Kutch)

Shah Bhogilal Shumbhulal & Co, Direct Importers of Watches and Clocks General Merchants, Kutch (Mandvi)

Shah Jivraj Poonaja & Co, Merchants and Commission Agents, Kutch (Mandvi)

Shah Popatlal Hiralal & Co, General Merchants and Commission Agents, Mandvi (Kutch)

Shamji Mulji & Co, Patia Bazar, Mandvi (Kutch)

Thakkar, Popatlal Tejpal, Grain, Raskas and Oil Brokers, Kutch (Mandvi)

Vakil, D R, & Co, Chemists and Druggists, Mundra (Kutch)

Vakil, D R, & Co, Merchants and Manufacturers' Representatives, Mundra (Kutch)

Vakil, D R, & Co, Dealers, Stationery, Motor Accessories and Chemicals, Mundra (Kutch)

Vithaldas Murarji Gandhi, Chemists and Druggists, Mandvi (Kutch)

DELHI

Area 578 sq miles Pop 1 744,072 Hindus 1,467 854, Sikhs 137 096, Muslims 99 501

Under the Constitution of India Delhi is a Part C State responsibility for the administration of which, vests with the President The President exercises control over the State through a Chief Commissioner appointed by him

However, in accordance with the provisions of the Government of Part C States Act 1951, the State has a Legislative Assembly consisting of 48 members representing 36 single member constituencies and 6 double member constituencies The Legislative Assembly has power to make laws in respect of the whole of the State or any part thereof with regard to all or any matter enumerated in the State List or Concurrent List in the VII Schedule to the Constitution, other than the following matters —

(*a*) Public Order (*b*) Police including railway police (*c*) the Constitution and powers of municipal corporations and other local authorities of improvement trusts and of water supply drainage electricity transport and other public utility authorities in Delhi or New Delhi (*d*) lands and buildings vested in or in the possession of the Union which are situated in Delhi or New Delhi including all rights on or over such lands and buildings the collection of rents therefrom and the transfer and alienation thereof (*e*) offences against laws with respect to any of the matters mentioned in the foregoing clauses, (*f*) jurisdiction and powers of all courts with respect to any of the said matters and (*g*) fees in respect of any of the said matters other than fees taken in any court

Provided further that nothing shall derogate from the powers conferred on Parliament by the Constitution to make laws with respect to any matter for the State or any part thereof

There is a Council of Ministers with the Chief Minister at the head to aid and advise the Chief Commissioner in the exercise of his functions in relation to matters with respect to which the Legislative Assembly has power to make law except in so far as he is required by any law to exercise any judicial or quasi judicial functions

The responsibility for the discharge of other functions of Government with respect to which the Legislative Assembly has no powers to make laws vests in the Chief Commissioner acting through the permanent Civil Services

The State has one seat in the Council of States and four seats in the House of the People Of the latter, one seat is reserved for the Scheduled Castes

In the Assembly of 48 members the Congress has 39 seats Jan Sangh 4, Independents 2 Socialists 2 Hindu Mahasabha 1

GREATER DELHI

Delhi State is really the size of a district The majority of its population lives in the urban areas of Delhi with its suburbs, New Delhi and Shahdara

The State is divided into a number of Municipal units (see below) The integration of the urban units into a Corporation was the subject of an enquiry in 1947

A Corporation Act is due to come before Parliament according to which all the existing local bodies except those of New Delhi are to be merged into a Corporation

The Greater Delhi area comprises the following administrative units —(1) New Delhi Municipal Committee (2) Delhi Municipal Committee (3) Civil Lines Notified Area, (4) Red Fort Notified Area (5) Delhi Cantonment, (6) West Delhi Notified Area (7) Municipal Committee Shahdara (8) Notified Area Committee, Najafgarh, (9) Notified Area Committee Narela, (10) Notified Area Committee Mahrauli, and (11) the rural area

New Delhi is an inflated officers colony The density of the population which is thin consists largely of Government officials The density is only 45 persons per acre, as against 500 or more in Old Delhi Apart from the lack of transport facilities, there are not enough post offices, schools or colleges, hospitals, libraries or recreation grounds

This is in striking contrast to Old Delhi which is amply provided with urban amenities though in a haphazard manner

In order to accommodate an inflated population the municipal authorities, with the help of the Central Government embarked on the construction of numerous residential colonies in the immediate neighbourhood of Old and New Delhi Most of these have their own shops, schools, hospitals and police stations

The following is a list of refugee housing schemes which have either been completed or are nearing completion —

(1) Rajendar Nagar (N D N E Area), (2) Patel Nagar (Shadipur Extension), (3) Malkaganj, (4) Nizamuddin Village, (5) Nizamuddin Extension, (6) Jungpura Village Extension (7) Kalkaji, (8) Kingsway (Camp Mud houses, Hudson Lines, Outram Lines Reids Barracks), (9) Band stand Area, (10) Lajpat Nagar, (11) Sheikh Sarai and (12) Azadpur

The main railway station is the junction at Old Delhi from where radiate the railway lines to the Punjab U P Bombay Calcutta and Madras The headquarters of the Northern Railway are located here

INDUSTRY

The main industries are cotton mills hand and powerloom weaving hosiery, pottery flour mills vegetable oil mills and expellers paints and varnishes, rubber goods imitation jewellery copper and brass utensils wire netting sola hats, leather goods, and tanning industry

Traders from neighbouring States regularly visit Delhi to make their annual purchases which include besides textiles hardware hosiery utensils and stoneware

There is also a very flourishing grain market serving local needs

As in all towns different parts of Delhi specialize in different trades The area round about Chandni Chowk for instance is the centre for textiles and general merchandise The trade in copper and brass utensils is located in Chawri Bazar which in addition has a market for hardware Khari Bawli is the granary of Delhi with the adjoining streets specializing in condiments spices pickles dry fruits etc Jal Kuan Bazar is noted for building material while Sadar Bazar deals in wholesale hosiery glass and china ware and general merchandise Silver ware is retailed in Dariba Kalan, while the bullion market is localized in Chandni Chowk

All the important banks are located in Chandni Chowk

Almost all these banks have their branches in Connaught Place which is New Delhi's chief shopping centre

Tourist traffic has grown into a regular new trade Almost all the Indian and foreign air companies have offices in New Delhi

AGRICULTURE

Total land 369 920 acres area under forests 45 acres area not available for cultivation 79 658 acres other uncultivated land excluding fallow land 50 187 acres fallow land 11 282 acres net area sown 224 537 total irrigated area 68,350 acres

The following is a crop wise break up of the area under food and cash crops

Wheat, 51 000 acres Bajra, 55 000 acres Jawar, 27 000 acres, Maize, 3,000 acres Barley 14,000 acres Grams 90 000 acres Sugarcane, 2 000 acres Rape and Mustard seed 4 000 acres, Cotton 1,000 acres, Tobacco 1 000 acres

Till recently Delhi had a large number of gardens where fruit such as bananas, pears, mangoes pomegranate, lokats, figs papais, caster fruit and plums were grown

The pressure of population and anti malaria drives resulted in clearing the land of these gardens

Delhi now imports most of its fruits But on large areas —a total of 4 000 acres—in and around the city vegetables are still grown

The total number of holdings 41 900

The area held in occupancy rights amounts to 17 700 acres or one thirteenth part of cultivated area, tenants at will hold about 71 000 acres

It is estimated that there is one milch animal for every three or four persons The average yield of a cow and buffalo comes to 2 seers and 4 2 seers respectively

The annual average daily production of milk is estimated at 4,285 maunds

There are about 20 poultry farms It is believed about 140 000 eggs are daily imported into Delhi at an annual cost of Rs 45 lakhs A five year scheme is in operation which aims at making Delhi self sufficient in eggs

The local consumption of fish is estimated at 150 maunds a day Fish is at present imported

The Community Projects scheme covers 105 villages A sum of Rs 20 lakhs has been allocated for a period of 3 years Out of this 25 per cent will be contributed by the State Government and 75 per cent by the Centre

TRANSPORT

Delhi occupies a pivotal point in the net work of national railways, highways and airways

It is one of the biggest railway junctions in the country handling about 23 mail 28 express trains besides several goods and passenger trains every day

All the principal inter-State roads of significance converge on Delhi

It is also linked with important cities and foreign countries by air through its two air ports, Wellingdon and Palam

There are in Delhi 30,000 motor vehicles 600 cycle rickshaws, over 150,000 bicycles, 5,000 tongas, 10,000 motor cycles, 1,500 carts

HEALTH

Birth rate 29 4 death rate 9 61 infant mortality 89 93

There are 31 hospitals providing indoor beds for over 2 000 patients The average daily attendance is about 3 200

Some leading hospitals are

Mrs Gandhari Lal Maternity Hospital Circular Road outside Ajmeri Gate Hindu Rao Civil Hospital the Ridge Sabzi Mandi Infectious Diseases Hospital Kingsway Irwin Hospital Circular Road Jeewan General Hospital Panchkuin Road Lady Hardinge Hospital Panchkuin Road St Stephens Missionary Maternity Hospital Lis Hazari Safdarjung Annexe Hospital New Delhi Shroff Charity Eye Hospital Daryaganj Silver Jubilee I B Hospital Kingsway Victoria Zenana Hospital Machhliwalan Daryaganj Willingdon Hospital Irwin Road

Money allotted under the Five Year Plan for medical development schemes Rs 142 41 lakhs

Mortality from individual diseases is as follows (1952) Small pox 16 Malaria 161 enteric fever 203 dysentery 360 diarrhoea 815 Pneumonia 2 114 pulmonary tuberculosis 463 other respiratory diseases 733, diphtheria 15, child birth 9

FIVE-YEAR PLAN

The details of expenditure in the Five Year Plan are as follows

	Rs lakhs
Agriculture	65 6
Animal husbandry	9 4
Dairying and milk supply	4 9
Forests	2 2
Co operation	6 5
Fisheries	2 6
Agriculture and Rural Development	*89 0*
Cottage Industries	7 5
Other industries	
Industry	*7 5*
Roads	25 0
Road transport	216 0
Transport	*241 0*
Education	59 8
Medical	58 9
Public health	36 0
Housing	55 0
Labour and labour welfare	1 0
Social services	*410 7*
Total	748 0

PROGRESS OF DEVELOPMENT EXPENDITURE

Expenditure in 1950 51	51 4
According to 1951 52 Revised Budget	59 5
According to 1952 53 budget	120 6
	231 5

1951 CENSUS

Name of Local Body	Total Population		
	Males	Females	Total
Municipal Committee Delhi	516 737	398 053	914 790
New Delhi Municipal Committee New Delhi	156 601	119 713	276 314
N A C Civil Station	47 229	33 743	80 972
N A C Red Fort Delhi	6 473	3 429	9 902
N A C West New Delhi	34 934	23 941	58 875
Executive Officer Delhi Cantt	26 931	13 458	40 389
Municipal Committee, Shahdara	16 842	13 660	30 502
N A C Najafgarh	2 543	2 548	5 091
N A C Narela	5,102	4 541	9 643
N A C Mehrauli	3 786	3 657	7 443
Rural Area		—	306 938

Livelihood Categories

	Persons	Males	Females
Agricultural	172 186	91 183	81 003
Non Agricultural	1 571 886	895 555	676 331
Livelihood Classes			
Cultivators of land wholly or mainly owned and their dependents		64 198	56 610
Cultivators of land wholly or mainly unowned and their dependents		8 896	7 601
Cultivating labourers and their dependents		15 287	13 998
Non cultivating owners of land agricultural rent receivers and their dependents		2 811	2 794
Production other than cultivation		177 312	124,785
Commerce		220 401	175,750
Other Services and Miscellaneous sources		442 389	315 881
Displaced persons in Delhi		509 767	

ADMINISTRATIVE PERSONNEL

Chief Commissioner A D Pandit

Chief Minister (General Administration Finance Local self Government Education Appointments Jails and Revenue) Brahm Prakash

Rehabilitation Medical and Public Health and Transport Dr Sushila Nayar

Rationing and Civil Supplies Industries and Labour Development and Planning Law and Judiciary Press and Publicity Gopi Nath Aman

Dy Minister (Taxation Stamps and Registration Electricity and Public Works Department) Shiv Charan Das

Dy Minister (Education Appointments and Jail) Shanta Vashist

Secretariat

Chief Secretary I I Johnson

Home Secretary V N Varma

Education and Rehabilitation Govind H Seth

Development Secretary Dr I C Ramchandani

Judicial Secretary M I Vaid

Finance Secretary D S Nakra

Heads of Departments (Directors)

Medical and Public Health Dr M S Chaddha

Education Dr A N Banerjee

Industries and Labour Dr B P Seth

Information Ramlal Varma

INSTITUTIONS, SOCIETIES

The following are some of educational training and research institutions

Jamia Millia Kasturba Balika Vidyalaya (Mehrauli) Harijan Udyogshala (Harijan Colony Kingsway) Janta College (Alipore) Lady Noyce School for Deaf and Dumb (near Rajghat) Government Teachers Training Institute for Women (Daryaganj) Lady Reading Health School Indian Agriculture Research Institute (Pusa Road) Shri Ram Institute for Industrial Research Malaria Institute of India Patel Chest Institute (University Campus) Delhi Institute for the Blind (Panchkuin Road)

COLLEGES

Central College of Agriculture New Delhi
Central Institute of Education Delhi
Delhi Polytechnic Delhi
College of Nursing New Delhi
Delhi College Delhi
Delhi School of Economics Delhi
Delhi School of Social Work Delhi
Hansraj College New Delhi
Hindu College Delhi
Indraprastha College for Women, Delhi
Lady Hardinge Medical College, New Delhi
Lady Irwin College New Delhi
Miranda House, Delhi
Nirmala College Delhi
Ramjas College, Delhi
Shri Ram College of Commerce Delhi
St Stephens College Delhi
S G I B College, Karol Bagh Delhi

DELHI UNIVERSITY

The University of Delhi was established at Delhi in May 1922, to function as a unitary teaching and residential university, but as it exists at present it is a Federal University by an Amendment Act No XXIV of 1943, to the Delhi University Act VIII of 1922 The University Act was further amended by Act No V of 1952 The University has now been made a teaching and affiliating University

The University confers the following Degrees and Diplomas on students on passing the appropriate examinations

Degrees Ph D M A M Lib Sc M Com M Sc LL M LL D B Com LL B M Ed B Ed B A (Hons) B A (Pass) B Sc (Hons) B Sc (Pass) B Com B Sc (Home Science) B Sc (Nursing) B Sc (Agriculture) Hons and M B B S degrees B Ed, B Ch E, B Text, B Arch

Diplomas D P D Dip Lib Sc Diploma in Russian Language Diploma in Hindi Urdu and Panjabi Diploma Course in Economic Statistics and Economic Administration

Certificates Certificate of Proficiency (Law) Certificate of Proficiency (Russian) Certificate in French, Certificate in German Certificate in Italian

Chancellor Dr S Radhakrishnan

Pro Chancellor M Patanjali Sastri

Vice Chancellor Dr G S Mahajani

Registrar T P S Iyer

CENTRAL COLLEGE OF AGRICULTURE
I A R I New Delhi

The college was established by the Government of India in April 1947 and provides a well planned training in Scientific Agriculture leading to the B Sc (Hons) Agriculture degree of the Delhi University It has been integrated with the I A R I since July 1951

Admission is open to students from Centrally administered areas students of States having no Agricultural College students from other States if seats are available and Trainees deputed by Governments of other countries provided they fulfil the qualifications laid down for admission

CENTRAL INSTITUTE OF EDUCATION

The Institute was founded on the 19th December 1947 as an all India institution under the Central Ministry of Education offering training particularly of an advanced nature to teachers and other educational personnel and for conducting researches in educational problems It is affiliated to the University of Delhi for B Ed M Ed and Ph D degrees Attached to it is a psychology wing with a well equipped laboratory for conducting researches in psychology and education There is also an experimental basic school a nursery school and a child guidance centre The Institute has its own hostels for men and women students It is situated at 35 Probyn Road Delhi 9 in its own newly constructed spacious building having ample library and laboratory facilities

COLLEGE OF NURSING

The College of Nursing is located at 12, Jaswant Singh Road New Delhi and was established by the Government of India in July 1946 for the purpose of developing a more highly qualified leadership for the Nursing Profession in this country It is hoped to give as fine a course in Nursing as can be had in foreign countries and make them suitable to Indian conditions The College draws students from States throughout India There is a 4-year course leading to the B Sc (Hons) degree in Nursing The College also provides a nine and a half months course in Nursing Administration and teaching in Schools of nursing open to qualified nurses with experience and ability to fit them for senior and responsible positions and constructive work in hospital nursing services and education This course leads to a certificate from the Government of India which is recognized by the All India Nursing Council

DELHI COLLEGE

Delhi College is the oldest college in Delhi having been established in 1828 Since September 1947, it has been reorganised as a non communal and a co educational college affiliated with the Delhi University It has arrangements for teaching all Science & Arts subjects upto the M A, M Sc, standard

The College building is centrally situated at the junction of Old Delhi and New Delhi at Ajmeri Gate, on premises of its own

DELHI POLYTECHNIC

The Delhi Polytechnic was started in 1941 by the Government of India with the object of providing technical and other training to different categories of personnel in order to enable them to take supervisory and higher posts in Industry and Commerce

The senior full time day courses are mainly of 3 years duration (5 years Architecture and Arts) followed by one year's practical training leading to Polytechnic Diplomas or to the Diplomas of the All India Council for Technical Education in India Similarly the evening courses, which are also of about 3 years duration lead to the Polytechnic Certificate of All India Board Certificates

Senior departments include those of Engineering (Electrical and Mechanical), Applied Science, Chemical Technology, Commerce, Architecture, Art and Textile Technology

Attached to the Polytechnic is a Technical High School in which, in addition to the usual high school subjects, Elementary Engineering, Science, Drawing and Workshop Practice are taught in the last 3 years

DELHI SCHOOL OF ECONOMICS

This is an all India institution which was established by the Delhi University and the Delhi School of Economics Society to concentrate on economic research in addition to undertaking some post graduate teaching and guidance of research as in the University Department of Economics The school is housed in the University's Faculty building situated on Probyn Road in the Delhi University Area

Director Dr V K R V Rao, M A, Ph D (Cantab)

DELHI UNIVERSITY FACULTY OF LAW

The Law Faculty is housed in the Princes' Pavilion in the grounds of the Old Viceregal Lodge, Civil Lines, Delhi, and is situated in a picturesque site surrounded by trees, flower beds and green lawns Extensive additions have been made to the building to cope with the increase in the number of the students and the staff Recently a building named Maurice Bhawan has been constructed for the Law Union It has been built and equipped at a cost of Rs 35,000 The building has one big hall, an office room, a store room and a small library room The Faculty provides courses both for practice of the legal profession and also to encourage the non-professional study of Law as a cultural subject It prepares students for the LL B, B C L and LL M Degrees and also for the Certificate of Proficiency Examination It has a well equipped library containing a large number of reports and standard text books (Indian, English and American), it also subscribes to a large number of journals including English and American The Faculty has arrangements for the residence of its students in the two University Halls Its present strength is 900 students, and 23 teachers, including the Dean

HANS RAJ COLLEGE

The College was started in 1948, by the D A V College Managing Committee and is housed in the airy and spacious rooms of a newly constructed building near Paharganj Police Station The chief aim of the college is to inculcate among the students, the spirit of service and good citizenship and to develop qualities of leadership The College which is affiliated with the University of Delhi imparts instruction in Science, and Arts to students preparing for preparatory B A (Pass and Hons), B Sc (Pass and Hons), and M A Examinations

HINDU COLLEGE

This is a first grade constituent college of the Delhi University It is situated on the Imperial Avenue within the University Campus It imparts instruction to students upto the M A standard and registers candidates for the Ph D degree It admits students to the Faculty of Science upto M Sc standard including the pre medical course It has a well equipped library and reading room and has a hostel for resident students

Principal A Bhattacharya B A (Oxon) M A

Librarian Dr S N Shastri M A D Phil LL B

INDRAPRASTHA COLLEGE FOR WOMEN

This is an old college for women, recognised by the Delhi University It imparts education in Arts upto the M A standard, and provides hostel accommodation for a limited number of resident students and also facility through bus conveyance for local students The college building stands on Alipur Road in the Civil Lines area

LADY HARDINGE MEDICAL COLLEGE FOR WOMEN

The college is situated on Hardinge Road, New Delhi and the hospital on Panch Kuin Road It was opened on 17th February, 1916 and provides a 5 years course of instruction to women students only for the M B B S degree of the Delhi University It is a residential college and has arrangements for accommodating 200 medical students in the college hostels The hospital, which serves as a teaching field for the college students is well equipped with X ray, and Electrical appliances and has departments of Surgical, Obstetrical, Gynæcological and Ear, Eye, Nose and Throat for indoor and outdoor women and children patients only

Principal Carroll L Birch, M D

LADY IRWIN COLLEGE FOR WOMEN

Lady Irwin College is the first Institution for young women in the country to recognise the necessity for scientific and professional instruction in Home Science suited to Indian conditions of life It was established on November 10, 1932 and developed courses of study providing adequate training for girls to become capable wives, mothers and useful members of society as much as efficient teachers

of domestic science in girls schools The college is housed in its own premises with grounds round the buildings which contain well-equipped lecture rooms, laboratories, a Convocation Hall, a Library, a Hostel, the Directress's Bungalow, and the Household Practising Cottages

Four departments are maintained at present (1) a Needlework Diploma Course extending over a period of 2 years, (2) a Teachers Training Diploma Course in Home Science extending over a period of three years (3) a B Sc Course in Home Science extending over a period of three years and (4) the B Ed course

It also provides instruction in Vocal and Instrumental Music, Indian Dancing Painting, Arts and Crafts, Shorthand and Typing The college is situated on Sikandara Road, New Delhi

Directress Mrs B Tara Bai, B A , I T & B Sc (Home Science) (Lond)

MIRANDA HOUSE (UNIVERSITY COLLEGE FOR WOMEN)

This college was started on 26th July 1948, for imparting University education to women students in all Arts subjects for the B A , B Sc (Pass and Hons) M A and M Sc , degree courses It is housed in a newly built building on Probyn Road near the Old Viceregal Lodge It has arrangements for residential students, accommodating them in rooms furnished with up to date fittings and furniture

RAMJAS COLLEGE

Ramjas College is at present located in Daryaganj

The College was founded in 1917 and is one of the constituent colleges of the University of Delhi It provides instruction for all the examinations of the University of Delhi including the Qualifying B A B A (Hons) B Sc (Pass and Honours) M A and M Sc

The new building in the University Campus was expected to be ready by July 1954

Principal B B Gupta, M A

SHRI RAM COLLEGE OF COMMERCE

The Institution is located on Central Avenue in the Delhi University Campus It is a first grade professional college imparting instruction to students preparing for the B Com M Com and M A in Economics Examinations The College was founded in 1920 by the Commercial Educational Trust and was recognised by the University of Delhi in 1926 as one of its constituent colleges It was raised to the Degree standard in 1922, and has many different extra curricular activities

Principal Jai Narayan Vaish M A C D A F C A

ST STEPHEN S COLLEGE

The College is situated on Imperial Avenue Road near the University of Delhi and is housed in a newly constructed building It prepares students in Arts and Science for the degree examinations (Pass and Hons) M A , M Sc It has a highly qualified staff and is equipped with a library of its own

MISSIONARY AND RELIGIOUS SOCIETIES

CAMBRIDGE BROTHERHOOD OF THE ASCENSION

Cambridge Brotherhood House, 7 Court Lane Delhi 6

Head Revd K G Sharp M A

CHURCH OF ST JAMES

Kashmere Gate Delhi 6

Vicar Revd J C Weathrall

NATIONAL SPIRITUAL ASSEMBLY OF THE BAHA IS OF INDIA, PAKISTAN AND BURMA

6 Canning Road New Delhi Administering the religious affairs of 94 local Bahai s Centres in India Pakistan and Burma OBJECTS — To establish universal peace and the oneness of mankind, in co operation with fellow Baha is in 128 other countries through the spiritual principles of the world religions proclaimed by Baha u llah in 1863

ASSOCIATIONS & SOCIETIES

All India Arya (Hindu) Dharma Sewa Sangh, Birla Lines, Subzi Mandi

All India Manufacturers Organization 29 Prem House, Connaught Place New Delhi

All India Postal and R M S Union 24, Daryaganj

Arya Samaj Dewan Hall, Delhi , in front of Red Fort, Delhi

Association for the Development of Swadeshi Industries, Kucha Natwan, Chandni Chowk

Automobile Association of Upper India, Theatre Communications Building Connaught Place New Delhi

Balkan-ji Bari

Boy Scouts Association in India (Delhi State), Daryaganj, General Headquarters Regal Buildings, New Delhi

Children's Aid Society, Ferozeshah Kotla, New Delhi

Concrete Association of India, 83-84, Queensway, New Delhi

Consumers Association, 1663, Hakim Baqa Street, Chawri Bazar Delhi

Delhi Piece goods Association Katra Nil Delhi

Delhi Printers' Association, Model Press, Burn Bastion Road

Delhi Provincial Trade Association, 4 Kashmere Gate, Delhi

Delhi Women's League, Saraswati Bhawan, Daryaganj

Delhi Young Men's Christian Association, Jai Singh Road, New Delhi

Dr Yudhvir Singh Homeopathic Trust, Kutcha Brij Nath, Delhi

General Merchants Association 140 Chandni Chowk Delhi

Headmasters' Association, Delhi State Sanskrit School, Daryaganj

Hindu Maha Sabha, Reading Road, New Delhi

Hindustan Scout Association (Delhi State), Yusuf Buildings, Hauz Qazi

Nigar Sewa Samiti, Town Hall, Delhi

National Gallery of Modern Art Jaipur Road New Delhi

Press Owners Association, Katra Afim

Prisoners Aid Society

Ramakrishna Mission, Ibbotson Road, New Delhi

ALL INDIA BOY SCOUTS ASSOCIATION

7 Jangpura B Extension Mathura Road New Delhi 14

Aims The aim of the Boy Scouts Association is to help boys irrespective of race creed or caste to become good citizens reverencing God living as loyal citizens and subordinating personal interests to the welfare of others, abstaining from violence of thought word or action to form their character by training them in habits of observation obedience and self reliance to teach them services useful to the public and handicrafts useful to themselves and to promote their physical development and health so that they may be made effective members of the great Scout Brotherhood of service

OFFICE BEARERS —*Chief Commissioner for India* Vyas Dev Misra, M A (Eng) M A (Econ) B Sc L L B Barrister at Law

Deputy Chief Commissioner for India Mujahid i Millat Nawab Syed Kaiser Hussain Rizvi B A (Hons) M A I L B

International Commissioner Lieut Colonel C I Bhola, M B B S M R C P (Edin) D P H D T M & H I M S (Retd)

National Commissioner Dr P D Dhameja, M B B S L R C P (Lond) M R C S (Eng) D A

General Secretary for India Prof Indra Sen Kapur, M Sc , B Sc (Hons)

National Secretary Prof Om Prakash M A

ALL INDIA FOOD PRESERVERS ASSOCIATION

18 A, Aurangzeb Road, New Delhi

President N Y Kashalkar

Secretary S Dhanwant Singh

MEMBERSHIP is limited to those engaged in the business or in directly interested in food preservation in India

ZONAL OFFICERS—*Vice Presidents* P H Brown Shreenivas House Wandby Road, Bombay K P Bhargava Belanganj Agra K C Chakravorty A 35 Muraripukar Road Calcutta H L Harris 25, Jail Bagh Road Bangalore , M K Mahajan, Pathankot

ALL-INDIA GLASS MANUFACTURERS ASSOCIATION

Plaza Cinema Connaught Place New Delhi

Secretary S Jaswant Singh

ALL INDIA ORGANISATION OF INDUSTRIAL EMPLOYERS

28, Ferozshah Road, New Delhi 1

Established in 1933 The objects of the Organisation are to promote and protect the industrial development of India by studying various problems relating to trade, industry and labour and advising the Central and State Governments suitably , to study questions coming up at the International Labour Organisation and other international and national conferences from the point of view of Indian industry and to enable the Indian representatives at these conferences to take an appropriate stand , and to promote harmonious relations between the management and labour

Any association representing employers in any trade and industry is entitled to become an association member of the organisation Any individual firm or joint stock company engaged in any industry is eligible to the individual membership of the organisation The annual subscription for association members is Rs 500 and for individual members Rs 100 The organisation has on its roll 26 association members representing employers in the cotton jute, cement, sugar, coal, tea, paper, chemicals, engineering and other important industries in all parts of the country There are also about 150 large industrial concerns in the membership of the organisation

President, Mohanlal L Shah Calcutta

Vice President, G D Somani, M P , Bombay

Hony Treasurer, Hari Shankar Bagla, Kanpur

Secretary, G L Bansal, M P

ALL INDIA PEACE COUNCIL

Munshi Niketan, Kamala Market, New Delhi

President—Dr S D Kitchlew *Vice President*—Dr M L Atal, *General Secretary*—Romesh Chandra , *Treasurer*—Pandit C N Malaviya, M P

ALL INDIA WOMEN'S FOOD COUNCIL

Jamnagar House, Mansingh Road New Delhi

Aims & Objects To hold meetings where they should do propaganda for saving rationed food and explain the Government's policy of saving cereals Popularise non cereal food, preaching observing one day in a week preferably Monday as non cereal day, encourage kitchen gardens, distribute baskets and boxes for growing vegetables to those families who have no compound of their own and also the necessary information about growing vegetables in baskets hold supplementary food exhibitions if possible, run cafetarias where cheap and nutritive food is made available and work in such cafetarias as volunteers, meet every month for discussing the food problems and improving methods of cooking and devising ways and means for constituting a balanced diet which can be prepared economically, conduct classes for preparing non cereal food to undertake any other activities conducive to the furtherance of these objects

President Rajbansi Devi *Vice President* Hiravati Munshi *Secretaries* Mrs B Tarabai, Principal Lady Irwin College New Delhi Miss Siva Dua, Lecturer Miranda College Delhi University Delhi R Dayal Ministry of Food & Agriculture, New Delhi

ALL INDIA WOMEN'S RESERVE MEDICAL UNIT

7 York Road New Delhi

All India Women's Reserve Medical Unit was organised in 1942 to provide mobile medical aid to women and children mainly of Delhi and to afford opportunity to medical women who can volunteer for work during famine floods and epidemics The Unit did useful work during famine in Bengal

In August 1947 when Delhi was full of refugees the Unit organised medical clinics in various refugee camps in and near Delhi The Unit has been affiliated to the I C R W

Hon Secy Dr (Miss) S Chaudhuri

ASSOCIATION FOR MORAL AND SOCIAL HYGIENE IN INDIA

Office 211A, P Block Rajma Road New Delhi

Aims and Objects - The eradication of commercialised vice and kindred evils and the securing of condemnation of all forms of State Regulation of this vice The raising of the standard of character and conduct and the upholding of a single high moral standard for men and women in matters relating to sex behaviour thus upholding the highest family traditions and ensuring a recognition that national life must be based upon a wholesome family life

President Mrs Rameshwari Nehru, *Hon Genl Secy* Mrs Humayun Kabir

BHARAT SCOUTS AND GUIDES

Regal Buildings Parliament Street New Delhi

National Commissioner Hriday Nath Kunzru
Chief Commissioner for Scouts Mr Justice Vivian Bose
Jt National Organising Commissioner Scout D P Joshi
Jt National Organising Commissioner Guides Mrs C Mohini
Chief Commissioner, Girl Guides Mrs H C Captain

BHARATIYA ADIMJATI SEVAK SANGH

Kingsway Delhi 9

Aims and Objects —To work for the primitive and the aboriginal tribes in Indian and to uplift them socially, economically culturally and educationally by recognising and affiliating such institutions and associations as have similar objects as those of the Sangh, by co ordinating the work of the affiliated institutions through advice guidance and help, by establishing centres for the anchoration of the conditions of the primitive tribes by starting centres for training of workers for social and other work for primitive tribes, by encouraging research in anthropological study of the problems of the primitive tribes

Office Bearers —*President*, Dr Rajendra Prasad *Vice Presidents* Dr B S Guha, L M Shrikant, *Secretaries*, V Raghaviah D Rangaiya, *Treasurer* Bhagirath Kanoria

BRIHAN MAHARASHTRA MANDAL

27, Akbar Road, New Delhi 2

Nature of Body Social
President N V Gadgil, M P
Working President P S Patke
General Secretary G V Ketkar

DELHI BANGA MAHILA SAMITY

Address of the Secretary 90/17, Connaught Circus, New Delhi

Nature of Body Social

OFFICE BEARERS Mrs R N Banerjee (*President*), Mrs K C Neogy (*Vice President*), Mrs Leela Guha (*Secretary*)

DELHI CHAMBER OF COMMERCE NEW DELHI

Was established in 1949 and was registered under the Indian Companies Act 1913 in January 1950 The main object for which the Chamber was established was to safeguard the interests of Indian Commerce, Industry Trade and Agriculture of the State of Delhi in particular and of India in general Member of the Federation of Indian Chambers of Commerce and Industry, New Delhi and of the Indian National Committee of the International Chamber of Commerce, Paris

Honorary Secretary Sirdar P S Sodhbans F C A F I A A (Lond) *Office* Dilbar Building Original Road Paharganj New Delhi

DELHI HINDUSTANI MERCANTILE ASSOCIATION

641 1213 Chandni Chowk Delhi 6

OFFICE BEARERS R S Shri Gur Pershad Kapoor (*President*) Roop Narain Khanna (*Vice President*) Brij Bhushan Sharan, B A (Com) (*Hon Secretary*)

DELHI MAHILA SAMAJ

Ajmeri Gate Delhi

Nature of Body Social

OFFICE BEARERS Mrs Subhadra Joshi (*Organiser*) Smt Memo Bai (*President*) Smt Savita Lehu (*Secretary*)

DELHI NAIYA SANCH

27, Akbar Road New Delhi 2

Nature of Body Social

OFFICE BEARERS *President* Dr K J Saidain *Vice Presidents* B Shiva Rao M P, D R Mankekar *General Secretary*, P S Patke

FEDERATION OF INDIAN CHAMBERS OF COMMERCE AND INDUSTRY

28, Ferozshah Road New Delhi

The Federation is recognised by the Central Government as the premier organisation representing commercial and industrial interests in the country The headquarters of the Federation are situated in New Delhi

Among the objects for which the Federation is established are the following

(*a*) To promote Indian businesses in matters of inland and foreign trade transport industry and manufactures finance etc

(*b*) To encourage friendly feeling and unanimity among the business community on all subjects

(*c*) To enter into any arrangement with any Government or authority supreme municipal local or otherwise that may seem conducive to the Federation's objects or any of them, and to obtain from any such Government or authority all rights concessions and privileges which the Federation may think desirable to obtain and to carry out exercise and comply with any such arrangements rights privileges and concessions

(*d*) To sell or dispose of the undertaking of the Federation or any part thereof for such consideration as the Federation may think and in particular for shares, debentures or securities of any other company having objects altogether or in part similar to those of the Federation

(*e*) To take or otherwise acquire and hold shares in any other company having objects altogether or in part similar to those of the Federation

(*f*) To undertake and execute any trusts the undertaking of which may seem to the Federation desirable either gratuitously or otherwise

(*g*) To draw make accept discount execute and issue bills of exchange promissory notes bills of lading warrants, debentures and other negotiable or transferable instruments or securities

OFFICE BEARERS

President —B M Birla
Vice President - Shantilal Mangaldas
Hon Treasurer - Ratilal Gandhi
Secretary —C I Bansal

GANDHI SMARAK NIDHI

5 Mansingh Road New Delhi 2

Aims and objects of the Nidhi (Gandhi National Memorial Fund) are to conduct and promote constructive activities associated with Mahatma Gandhi collection and preservation of Gandhiji's records and preservation and protection of places associated with his work and life

The body had a fund of about Rs 10 60,00 000 at the end of 1951 from public donations etc

OFFICE BEARERS *Chairman* Hon ble Shri G V Mavlankar *Vice Chairman*, Devadas Gandhi *Secretary* Raghunath Shridhar Dhotre

INDIAN ADULT EDUCATION ASSOCIATION

30 Bazr Bazar Delhi

It is the only national organisation of adult education workers and agencies in this country, having 70 affiliated institutions spread all over India in addition to a large number of individual members

The Association publishes a quarterly journal called *The Indian Journal of Adult Education* a monthly *Social Education News Bulletin* and publishes pamphlets and tracts on adult education techniques and methods as well as on important experiments in India and other countries It also organises annual conferences and seminar for adult education workers

OFFICE BEARERS — *President* Dr Amaranatha Jha *Vice Presidents* Dr Zakir Hussain Vice Chancellor Aligarh University K G Saiyidain Joint Educational Adviser to the Government of India New Delhi Ranjit M Chetsingh Principal, Baring Union Christian College Batala, Punjab I Madiah Gowda M P Chairman, Mysore State Adult Education Council Dr S R Ranganathan Professor of Library Science Delhi University G Harisarvothama Rau, Vice President South Indian Adult Education Association Madras Dr V S Jha Chairman Madhya Pradesh Public Service Commission Nagpur *General Secretary* V S Mathur Calcutta *Treasurer* Onkar Nath M P New Delhi *Associate Secretary* S C Dutta

INDIAN AND EASTERN NEWSPAPER SOCIETY

Address P O Box 69 27, Barakhamba Road New Delhi

Formed in February 1939 to act as a Central Organisation of the Newspaper Press of India and of other countries in Asia and to promote the common business interests of its members numbering 84 at the end of 1950

OFFICE-BEARERS —*President* J C Jain (*Times of India*), *Dy President* A D Mani (*Hitavada*) *Vice President* Nirmal Ghosh *Hony Treasurer* V E Charlton (*Statesman*) *Secretary* Asu De

THE INDIAN COUNCIL OF MEDICAL RESEARCH

P Block Raisina Road P B 494, New Delhi

The Indian Council of Medical Research was formerly known as the Indian Research Fund Association and was constituted in 1911 by the Government of India with a sum of Rs 5,00,000 set aside as an endowment for the prosecution and assistance of research, the propagation of knowledge and experimental measures generally in connection with the causation, mode of spread and prevention of communicable diseases

The control and management of the Council is vested in a Governing Body the President of which is the Hon'ble Health Minister of the Government of India This body is assisted by a Scientific Advisory Board of which the Chairman is the Director General of Health Services

The Council annually publishes a technical report describing the research work done by the various enquiries carried out under the auspices of the Council during each calendar year This report is obtainable from the office of the Secretary Indian Council of Medical Research New Delhi The Council publishes the *Indian Journal of Medical Research* and its *Memoirs* and the *Indian Journal of Malariology* In addition a number of special reports dealing with important subjects of medical research are also published from time to time So far over twenty-six such reports have been published

The Council maintains the Nutrition Research Laboratories at Coonoor which is the premier institution in India entirely devoted to research in nutrition and allied sciences

Besides financing a large number of enquiries, the Council has set up nutrition research units at the Seth G S Medical College, Bombay and University College of Science and Technology, Calcutta a Clinical Research and Neuropathological Unit at the Tata Memorial Hospital Bombay a Clinical Research Unit at the School of Tropical Medicine Calcutta a Polio Research Unit at the Grant Medical College Bombay a Liver Research Unit at the S N Medical College Agra and an Industrial Health Research Unit at the All India Institute of Hygiene and Public Health Calcutta A Virus Research Centre has also recently been set up by the Council at Poona in collaboration with the Rockfeller Foundation of the U S A

In order to foster medical research in the country and to encourage young medical and science graduates to take to research work the Council annually awards Research Fellowships tenable for two years of the value of Rs 250 p m, with a contingent grant of Rs 500 per annum for each fellowship

The Council maintains a library at the Central Research Institute Kasauli The Council has also established a Micro-film Service and Photostat Unit at the Institute A Micro film Service Unit has also been established at the Tata Memorial Hospital, Bombay, under the auspices of the Council

INDIAN COUNCIL OF WORLD AFFAIRS

Kashi House Connaught Place, New Delhi 1

President Dr Hriday Nath Kunzru

Vice Presidents Dr Zakir Husain, Acharya Narendra Deva, Shri Ram C R Srinivasan

Treasurer Yodh Raj

Secretary General Dr A Appadorai

The Indian Council of World Affairs is a private, non partisan academic and research organization It was founded in 1943 and its primary object is promoting the study of Indian and international questions so as to develop a body of informed opinion on world affairs and India's relation thereto through study, research, discussion, lectures exchange of ideas and information etc with other bodies in India and abroad engaged in similar activities

Membership activities of the Council are built around general meetings and discussion groups both at the headquarters of the Council at Delhi as well as its 24 branch centres

A Research Board plans and supervises the Council's publication programme the publication of a quarterly, *India Quarterly* a monthly *Foreign Affairs Reports* occasional publications such as monographs and a series of biennial volumes entitled *India In World Affairs* surveying India's role in international affairs year after year

The Council maintains the largest specialized library in India on international affairs, consisting of some 14 000 volumes and 400 periodicals

The Council has organized three important International Conferences It organized the First Asian Relations Conference in March April 1947 in December 1949 the Council, in co operation with the American Institute of Pacific Relations organized the India America Conference to discuss problems of Indo American Relations and in October 1950 the Council acted as host to the Eleventh Institute of Pacific Relations Conference at Lucknow

The Council is constructing at New Delhi its own headquarters building, called Sapru House in memory of its first President, the Rt Hon Sir Tej Bahadur Sapru

As on 31st December 1950 the Council had 24 branches in most of the leading cities of India and 1 980 members composed of 11 Patrons 81 Life members, 146 corporate members and 1,742 ordinary members

INDIAN INSTITUTE OF PUBLIC ADMINISTRATION

President Jawaharlal Nehru

Chairman, V T Krishnamachari

Secretary D G Karve

INDIAN RED CROSS SOCIETY

20, Talkatora Road, New Delhi

President Dr Rajendra Prasad (President of the Republic of India)

Chairman Managing Body Rajkumari Amrit Kaur

Vice Chairman Shri Usha Nath Sen

Secretary General Sardar Balwant Singh Puri

Constitution The President of the Republic of India is the President of the Society The Managing Body consists of a Chairman and 25 members of whom 12 are the Vice Presidents 8 selected by the Society at the Annual General Meeting from among the members of the Society and 5 nominated by the President

Junior Red Cross —Junior Red Cross which was started in 1926 is an integral part of the Indian Red Cross Society and is its youth section

Nursing Service — The Society is maintaining a roll of nurses for emergency service in the country

Medical After Care Fund With a view to granting relief for medical treatment and cognate purposes to the sick Indian ex Service personnel who participated in the Second World War the Indian Forces Medical After Care Fund was instituted at the headquarters towards the end of 1941 The scope of the Fund was extended in 1949 so as to include the ex servicemen of World War I Assistance from the Fund is invoked by an increasing number of deserving cases The total number of applications dealt with till the end of 1952 was 3 655 During 1952 six hundred and sixteen fresh applications were received from ex servicemen suffering from tuberculosis leprosy mental and other diseases, and a sum of Rs 1 96 263 was given in grants to 448 new and 586 old cases raising the total of disbursements from the fund during the last 11 years to Rs 10 38,005 A sum of Rs 10 000 was received from the Armed Forces Reconstruction Fund in 1952 for providing medical after care to the ex service personnel of the Jammu and Kashmir operations

Bureau of Maternity and Child Welfare — The Maternity and Child Welfare Bureau of the Society was established in 1931

The Bureau administers the Lady Chelmsford League Fund for maternity and child welfare the Victoria Memorial Scholarships Fund for the training of *dais* and the Army Child Welfare Funds The Bureau also acts as a Central office for information on all aspects of maternal and child health and offers technical assistance to the branches of the Indian Red Cross Society that maintain maternity and child welfare services in their States

Relief Activities —Emergency relief forms an important aspect of Red Cross work in India and it comprises two categories assistance with cash grants, medical and other supplies and provision of trained field workers for first aid, ambulance service, nursing and incidental duties for sudden emergencies

Health Education.—Popular health education is another important activity Health lectures, film shows, demonstrations of slides, etc are regularly organised under Red Cross auspices Two quarterly Journals are published, namely, the *Indian Red Cross Journal* and the *Indian Junior*

Hospitals —The Society runs a Red Cross Home in Bangalore well-equipped for 75 patients for giving expert medical aid and nursing care to permanently disabled ex servicemen It also provides various amenities and comforts to patients in all military hospitals in India and to Field Medical Units of Jammu and Kashmir Forces

Finances —The investments of the Society at the end of 1952 stood at Rs 2 21,22,000 and the floating and fixed deposits at Rs 54,171 From the total income of Rs 6 84 105 derived from investments of the Society a sum of Rs 1 98 000 is distributed under the Act to the State Branches in India and those in Pakistan in proportion to their contributions to the Central OUR DAY Fund raised in the First World War

INSTITUTE OF CHARTERED ACCOUNTANTS OF INDIA

Room Nos 98 102 Gurdwara Road Hutments, New Delhi

The Institute of Chartered Accountants of India was established on 1st of July 1949 as a result of the enactment of the Chartered Accountants Act 1949 by the then Dominion Parliament on 9th April, 1949 which came into force on 1st July 1949 This Institute is an autonomous body of all accountants with perpetual succession and is entrusted with the performance of all the functions previously carried out by the Central Government in respect of the profession of Accountancy

The members of the Institute have been divided into two categories namely, practising members and non practising members The practising members are designated as Chartered Accountants while non practising members cannot style themselves as such Further, there are two categories of members namely Associates and Fellows Every member on admission to the Institute is known as Associate member and a practising member after a practice of 5 years is entitled to become a Fellow A member of the Institute who has been in continuous practice for a period of over three years is entitled to train articled clerks

Council of the Institute *President* S Vaish, *Vice President* C S Sastri

Secretary to the Council —S Venkitaraman

INTERNATIONAL CHAMBER OF COMMERCE, INDIAN NATIONAL COMMITTEE

28 Ferozshah Road New Delhi

The Indian National Committee of the International Chamber of Commerce was established for the following purposes in the year 1920 —

To participate in the promotion of the objects for which the International Chamber of Commerce hereinafter called the 'International Chamber' is established, namely

(i) To facilitate the commercial intercourse of countries

(ii) To secure harmony of action on all international questions affecting finance industry and commerce

(iii) To encourage progress and to promote peace and cordial relations among countries and their citizens by the co-operation of businessmen and organisations devoted to the development of commerce and industry

The Indian National Committee has on its roll 37 commercial bodies as Organisation Members and 60 commercial firms as Associate Members

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MAHARASHTRIYA SNEH-SAMVARDHAK SAMAJ

115, Naya Bazar, Delhi

Nature of Body Social

Office-Bearers *President*, N V Gadgil, *Vice-President*, R K Kulkarni, *Secretary*, V S Ranade

NATIONAL ACADEMY OF LETTERS

Chairman, Jawaharlal Nehru
Treasurer M S Bhatnagar
Secretary, Krishna Kripalani

NATIONAL EMPLOYMENT SERVICE

As a means of ensuring the maximum utilisation of available manpower and supplying employers with the right type of workers, the Government of India is running an employment organization This organization consists of a network of employment exchanges in the Republic of India and a large number of technical, vocational and apprenticeship training centres

The objects of the organization are:- (1) to place applicants in suitable employment (2) to increase the mobility of labour both territorial and occupational (3) to substitute a free, impartial and scientific system of recruitment for the one through jobbers and mistries which was condemned by the Whitley Commission on labour about two decades ago (4) to assist in organizing training and retraining courses (5) to provide the necessary machinery and suitable data for the adoption of social security measures by the State and ultimately (6) to promote full employment for the man power available in the country

The organization is under the administrative charge of the Directorate General of Resettlement and Employment which exercises powers of control and supervision over the eleven Regional or State Offices

By the end of December 1952 the Employment Exchanges had registered 7 2 0 802 persons of whom 905 41 were displaced persons and placed in employment 1 900 1 38 of whom 200 949 were displaced persons

At the end of 1952 there were 131 Employment Exchanges operating in India in addition to a number of sub offices At some centres decentralisation schemes for industrial workers were organised through the agency of the Employment Exchange Service

As an integral part of the employment organisation the Directorate General of Resettlement and Employment is running technical and vocational training institutes/centres where training is imparted in more than 60 technical and vocational trades At the end of December 1952 there were 34 technical 16 combined and 11 vocational training institutes/centres (including 4 for training of women) In these institutions 10 512 persons including 2 513 displaced persons and 426 women were under training In addition to above 195 displaced persons were undergoing apprenticeship training in 206 industrial undertakings in Uttar Pradesh and West Bengal

With a view to ensuring a steady supply of trained instructors for running technical and vocational training centres both Government and private a central institute for training instructors has been set up at Kond near Bilaspur in Madhya Pradesh By the end of December 1952 it had turned out 871 instructor trainees and there were another 118 under training

Address Directorate General of Resettlement and Employment Gurdwara Road New Delhi

NATIONAL INSTITUTE OF SCIENCES OF INDIA

Mathura Road New Delhi

Objects Founded in 1935 for the promotion of natural knowledge in the country including its practical application to problems of national welfare Recognised by Government as the premier scientific organisation in India Has three co operating Academies viz Asiatic Society (Calcutta) Indian Academy of Sciences (Bangalore) and National Academy of Sciences, India (Allahabad) Annual Subscription Rs 36

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ST JOHN AMBULANCE ASSOCIATION (INDIA) AND ST JOHN AMBULANCE BRIGADE (INDIA)

20 Talkatora Road, New Delhi 2

The St John Ambulance Association was established in India in 1910 and has for its objects —

(*a*) The instruction of persons in rendering First Aid in cases of accident or sudden illness and in the transport of the sick and injured,

(*b*) The instruction of persons in the elementary principles and practice of nursing, and also of hygiene and sanitation, especially of a sick room

(*c*) The manufacture, and distribution by sale or presentation of ambulance material, and the formation of ambulance depots in mines, factories and other centres of industry and traffic,

(*d*) The organisation of Ambulance Corps, Invalid Transport Corps and Nursing Corps,

(*e*) And generally the promotion of instruction and carrying out of works for the relief of suffering of the sick and injured in peace and war independently of class, nationality or denomination

The association has five grades of members namely, patrons honorary councillors life members annual members and annual associates Their respective subscriptions are Rs 1 000, Rs 500 Rs 100 Rs 5 and Rs 2

The President of the Republic of India is the President of the association Its general business is conducted by an executive committee of which Rajkumari Amrit Kaur is the Chairman and Sardar Balwant Singh Puri the Secretary General

The St John Ambulance Brigade is a uniformed disciplined body of men and women all of whom are holders of first aid and in the case of women also home nursing certificates They meet together regularly for practice are inspected and re examined annually and undertake to turn out for public duty whenever required

The Brigade in India is commanded by Rajkumari Amrit Kaur as Chief Commissioner Under her are 19 Districts covering almost all the States and major railways in India with headquarters at Bangalore Bhubaneshwar Bombay Calcutta Delhi Gorakhpur Indore Jaipur Lucknow Madras Nagpur Patna Secunderabad Shillong and Simla

TRAINED NURSES ASSOCIATION OF INDIA

28 Alipore Road Delhi 8

The Trained Nurses Association of India was founded in 1908 and incorporates the Association of Nursing Superintendents of India It is affiliated with the International Council of Nurses the National Council of Women in India the Indian Conference of Social Work and the Indian Council of Mental Hygiene and the Nurses Auxiliary of the Christian Medical Association is its affiliated Association Its objects are :-

(*a*) to uphold in every way the dignity and honour of nursing profession

(*b*) to promote a sense of *esprit de corps* among all nurses

(*c*) to enable members to take counsel together on matters affecting their profession

(*d*) to elevate nursing education and to raise the standard of training

(*e*) to strive to bring about a more uniform system of education examination, certification and registration

(*f*) to donate or subscribe to or otherwise aid any institution or organisation in or outside India connected with nursing

(*g*) to promote and provide for the welfare of and to give relief to nurses by grants of money or other aid, or otherwise as the association may think fit

The branches of the Association are the Health Visitors League the Midwives Union and the Student Nurses Association The number of qualified members are 3 154 and student members 2 746 totalling 6 900 The official organ of the Association is *The Nursing Journal of India*

President Miss I K Adranvala 28 Alipore Road, Delhi 8

Vice Presidents Miss M Korah Mrs I A Watts, Miss I Paul Miss C Kurian and Mrs Najab Khan

Officers —*General Secretary* Kumari Lakshmi Devi, T N A I Office 28 Alipore Road Delhi 8 *Secretary S N A Association* Miss I Dorabji *Hon Treasurer* Miss D Davis I M S (R), G H Q Medical Directorate, New Delhi *Editor* Kumari Lakshmi Devi I N A I Office, 28 Alipore Road Delhi 8 *Hon Jt Treasurer* Mrs F Van der Gracht Willingdon Nursing Home, New Delhi

Hon Secretaries Health Visitors League Miss Daisy Charles, State Public Health Nursing Supervisor Office of the Director of Public Health Bangalore Midwives Union Miss S Verghese, Nursing Superintendent, Vani Vilas Hospital, Bangalore

Membership -Membership is open to qualified Nurses, Health Visitors and Midwives who have completed their training in hospitals or Health Schools recognised by the Indian Nursing Council All officers are fully trained nurses and members of the Association

Subscriptions - Annual subscription which includes Nursing Journal of India Rs 12 Nurses with salary below Rs 75 Rs 6, Health Visitors and Midwives Rs 6, Life Membership Rs 150

TUBERCULOSIS ASSOCIATION OF INDIA

Office —20 Talkatora Road, New Delhi

The aims and objects are the prevention, control and eventual eradication of tuberculosis in India

Eighteen State Tuberculosis Associations are affiliated to this Association It has Corresponding Members in many foreign countries It runs model *TB* institutions namely, the Lady Linlithgow *Sanatorium Kasauli (Simla Hills)* the New Delhi Tuberculosis Centre, New Delhi and Lala Rama Sarup *TB* Hospital, Mehrauli (Delhi) Also manages the *TB* Hospital in Sangrur, PEPSU, for displaced persons The Association is affiliated to the International Union Against Tuberculosis in Paris and works in close collaboration with the Government of India the World Health Organisation, the United Nations International Children's Emergency Fund and other international bodies

Chairman Lt Col C K Lakshmanan, Director General of Health Services, Government of India, *Vice Chairman* Sir Shri Ram *Hony Treasurer* K R K Menon Finance Secretary Government of India *Tech Adviser* Dr P V Benjamin Tuberculosis Adviser to the Government of India *Secretary*, B M Cariappa

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Rashtrapti Bhavan New Delhi

Aims and Objects Co ordination of the activities of the charitable organisations relief of distress ailment suffering or calamity

Sources of Funds are from the Prime Ministers National Relief Ministry of Rehabilitation and Public donations

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YOUNG WOMEN'S CHRISTIAN ASSOCIATION OF INDIA

The aim of the Association is to unite women and girls of India, in fellowship and mutual service for their spiritual intellectual, social and physical development The Association exists for women and girls of all communities

The Y W C A of India has 55 places in the country where Y W C A work of some kind or other is being done The needs of women and girls are met by recreation clubs and classes lectures commercial classes dramatics, health courses Bible study and devotional meetings and functions for social intercourse There are 28 hostels in 21 centres some of them having over 175 girls There are also six holiday and rest homes in the hill stations These hostels accommodate working girls teachers nurses students and apprentices In addition to holiday homes Summer conferences are held annually in Ootacamund in South India and at Mussoorie Special Girls Camps are arranged from time to time in many centres

The official organ of the Association is the leaflet *Everymember* which is issued quarterly and sent to members and friends of the Association

President, Headquarters Committee —Rani Maharaj Singh *Vice Presidents* Mrs John Mathai Mrs A N Shukla Raj Kumari Amrit Kaur Mrs V A *Azariah*

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Office Parliament Street New Delhi

CLUBS

CHELMSFORD CLUB

When the Chelmsford Club was first started it was a residential socio-political Delhi Simla Club whose object was to promote good will between Indians and Europeans It has since been permanently shifted to New Delhi The Club was later reorganized as a purely non residential social club It has its own building on Raisina Road in New Delhi Games and amenities include tennis, squash, swimming, billiards, ping pong, badminton, and weekly dances, catering and bar

DEFENCE SERVICES CLUB

The Defence Services Club is housed in the National Stadium Building, New Delhi and is open only to members of the Defence Services

DELHI FLYING CLUB

(Civil Aerodrome)

DELHI GYMKHANA CLUB

Delhi Gymkhana Club is a residential club for nationals as well as aliens It has its own building on Race Course Road and provides the usual club amenities

GOLF CLUB

(Wellesley Road)

Delhi Golf Club, situated on Wellesley Road is a private Club open to golfing and non golfing members Non residents of Delhi are welcome to use the Club for a limited time as Casual Members on the payment of Green fees or by the purchase of weekly or fortnightly passes A professional is available for tuition clubs may be hired and balls etc purchased Casual members can obtain refreshments after purchasing coupons

ROSHANARA CLUB

The Club was founded by R E Grant Govan, in 1922 with a few Indian and European friends in Delhi with a view to having a club where Europeans and Indians could freely meet one another It was formally inaugurated by Lord Reading on 9th December 1922

The activities of the Club include cricket, tennis, hockey, billiards and cards Weekly Guest Nights, Dinners and Dances are held as well as cocktail dances

Life membership donation is Rs 2,500, entrance fee, Rs 200, annual subscription, Rs 15, monthly subscription, Rs 15 Service officers are exempted from Ballot and entrance fee

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Hon Genl Secretary R C Durant

Hon Treasurer Z R Irani

OTHER CLUBS

Catholics, Anglo Indians, Freemasons, Malayalees, Maharashtrians, Bengalis and professional people like lawyers have all clubs of their own The South Indian Club is situated on Jantar Mantar Road The Race Club organizes a weekly race for the general public The Aero Club is situated near the Willingdon airport

Speaking generally, with the exception of the Delhi Gymkhana all Clubs in Delhi and New Delhi are non residential Clubs The chief recreation at most of the clubs is card playing and dancing.

On dance nights the clubs are crowded

WORLD HEALTH ORGANIZATION

Regional Director Dr C Mani

Deputy Director, Dr S F Chellappah

Chief, Office of Administration & Finance, J Brouland

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19 UNIVERSITY ROAD CIVIL LINES, DELHI-8

The I S I was brought into existence by the Government of India Resolution No I Stds (4) 45 dated 3rd Sept 1946 The main object is to co ordinate the standardization activities of various laboratories and institutions and to introduce industrial standards on a national basis

The aims and objects of the Institution include the co ordination of efforts of Producers and Consumers for the improvement of materials, products, appliances, processes and methods, introduction of codes of practice, provision or arrangement for facilities for examination and testing of commodities, processes and practices, and planning and direction of related investigations and research

The affairs of the Institution are administered by a General Council which is representative of various Ministries of the Government of India the Governments of States the professional societies of technologists and scientists, the chambers of commerce and industry and other allied interests

The technical work of preparing standards, specifications, codes of practice etc, is carried out under the authority of the four division councils, namely (*a*) Engineering (*b*) Textiles (*c*) Chemicals and (*d*) Buildings, and a food grain storage section

The income of the Institution is derived from (*a*) Government grants, (*b*) contributions from industry and other interested public bodies, (*c*) subscriptions from members, and (*d*) sale of Indian Standards, Specifications etc

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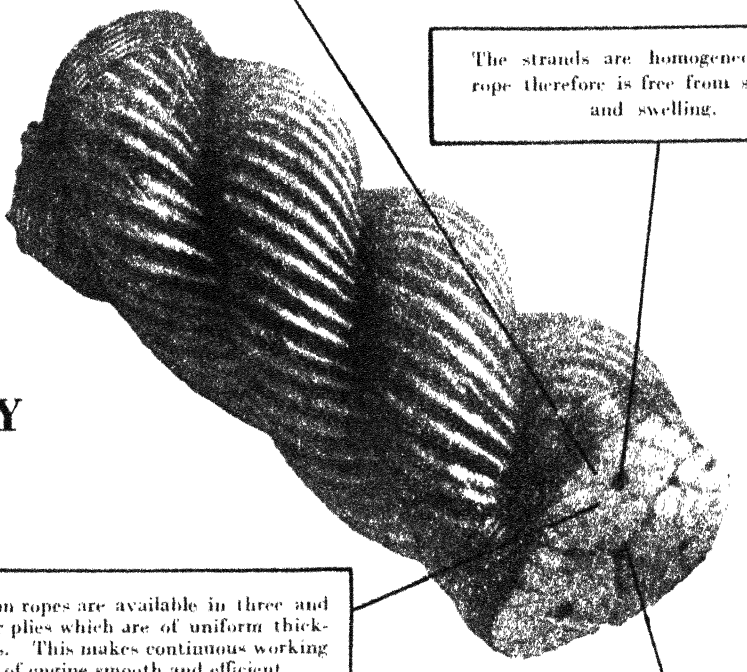

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Delhi Stone & Lime Syndicate —G B Road, o/s Ajmeri Gate
Delhi Tile & Sanitary Stone —Ajmeri Gate
Dewan Chand & Sons —G B Road, o/s Ajmeri Gate
Diwan Lime & Co —2, Keeling Road and G B Road
Dyer Stone Lime Co —10, Alipore Road
Guru Nanak Cement Jolly Works —G B Road (Ajmeri Gate)
HIMALAYA TRADING CO —Fatehpuri, Delhi 6
Hindustan Cement Tile Works —Karol Bagh
Jaipur Lime & Stone Co —(Malik Kartar Singh & Co)—C Block, Connaught Place
Kanahya Lall Punj, Pt —Opp Fire Brigade, Connaught Circus
Lakshmi Stone Lime Co —G B Road, o/s Ajmeri Gate
Mahabir Pershad & Sons —Chawri Bazar, Delhi 6
National Cement & Lime Stone —G B Road, o/s Ajmeri Gate
National Tile Works —G B Road, o/s Ajmeri Gate
New Imperial Stone Lime Co —G B Road, o/s Ajmeri Gate
Popular Tile Works —Karol Bagh
Punjab Building Material Syndicate —G B Road, Ajmeri Gate
Raghunath Bros —(Bricks Manufacturers), Daryaganj
Raizada Sons —(Bricks Kiln Owners), G B Road, o/s Ajmeri Gate
Ram Grover & Son —G B. Road, o/s Ajmeri Gate
Sand Supply Co —Near Gurdwara, Chandni Chowk
Sanitary Goods Manufacturers —Karol Bagh
Sanitary Improvement & Tiles Mfg Co —G B Road and 96, Katra Baryan
Shibban Lal & Sons —G B Road, o/s Ajmeri Gate
S N Sunderson & Co —Connaught Circus and G B Road
Sunder Lal Jain —Lahori Gate, G B Road
Tayal Brothers Ltd —Chawri Bazar
Union Cement Jolly Works —G B Road, o/s Ajmeri Gate

CALENDAR MANUFACTURERS

Rainbow Calendar Co —No 3, Daryaganj, Delhi

CAP MERCHANTS

The Bharat Cap House of Lahore —Kinari Bazar
Jotiparsad Birgumal —Dariba Kalan, Chandni Chowk
Manakchand Gupta —Chandni Chowk
R R Topiwala.—Dariba Kalan
Shahzada Cap Factory —Dariba Kalan
S R Kaushi Ram & Co.—Esplanade Road
Tannulal Sardari Mall —Dariba Kalan, Chandni Chowk, Delhi.

CARPET DEALERS

THE EAST INDIA CARPET CO , LTD —Connaught Place, New Delhi Hand-made Woollen Pile Carpets Factories at Amritsar, Agra, Gwalior, Bhopal, Jaipur, Mirzapur and Kashmir Grams "CARPETS" Phone 8322 Oldest Manufacturers of Hand-made Woollen Pile Carpets in Exquisite Oriental, Modern and Plain Designs
Guptajee —Connaught Place, New Delhi
Kailas Carpet Co —Connaught Place
Oriental Carpet Mfgrs (India), Ltd —Connaught Place
Oriental Carpets —Near Post Office, Connaught Place
Oriental Sales Corporation —Connaught Circus

CARPET MANUFACTURERS

The East India Carpet Co Ltd — Connaught Place New Delhi

CHEMISTS AND DRUGGISTS

Addison & Co , Ltd —64, Regal Building, Connaught Place
Balkishen Kapoor & Co , Ltd —35 36, Faiz Bazar
Bansal & Co —Lal Kuan

BLISS & COTTON

12E, CONNAUGHT PLACE, NEW DELHI 1.

PHONE : 7176

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B C Sen & Co —Fountain Area, Chandni Chowk
B Gopal & Co —Chandni Chowk
Beliram & Bros —Bhagirath Palace, Chandni Chowk
Bengal Immunity Co , Ltd —(Behind Imperial Bank), Chandni Chowk.
Bhagwan Das & Co —P O Box No 1166, Chandni Chowk, Delhi
BHAGWANT SINGH & CO —Dispensing Chemists, Ajmal Khan Road, Karol Bagh, Delhi Phone 44927
Bliss & Cotton —Connaught Place
British Medical Hall —103, Baird Road
Calcutta Pharmacy —Pahargunj, Main Bazar
Castophene Mfg Co —Clock Tower, Chandni Chowk
Central Medicine Store —Pahari Dhiraj, Bara Hindu Rao
Chattar Bhuj & Bros —Chandni Chowk
Chemico —Opp Minerva Hotel, Connaught Circus
Chhaju Ram & Sons —Connaught Place
Chistie & Co , Ltd —Chandni Chowk
Chopra Medical Hall —Pahargunj, Main Bazar
Chowdhary Bros —Bhagirath Palace, Chandni Chowk
Chuni Lal & Sons —113, Baird Road
Cosmetic Stores Ltd —62, Queensway

DAMODARSINGH & CO —Wholesale Chemists and Druggists, behind Imperial Bank, Chandni Chowk, Delhi Phone 6583

D Bagga & Co —Khari Baoli

Dayal Ayurvedic Chemical Works — Fatehpur, Church Mansion Road, Chandni Chowk

Dee Dee & Co —Lal Kuan

Delhi Medical Stores —Chandni Chowk

Delhi Surgical Stores —Chandni Chowk

Digambra Chemical Works —Jama Masjid Area

Diwan Chand & Bros —Chandni Chowk

Dixit Bros —Chandni Chowk

E Plomer & Co —Kashmere Gate

Edward Medical Hall —Pahargunj, Main Bazar

EMPIRE STORES —Wine & General Merchants, Chemists & Druggists Head Office Connaught Place, New Delhi Branches Prithvi Raj Lane, D G Club, New Delhi, Delhi Cantonment and The Mall, Simla

Frontier Medical Hall —Pahargunj, Main Bazar

Gainda Mal Walayti Ram —Connaught Place

Galen Medical Hall —90/22 Connaught Circus

Ganson & Co —Behind Imperial Bank, Chandni Chowk

Geoffrey Manners & Co , Ltd —Kashmere Gate

Gopal Chemical Co —Khari Baoli

Harbans Singh & Sons —Chandni Chowk

Hari Bros —Faiz Bazar

Hazara Singh & Sons —Connaught Place

H C SEN & CO (Estd 1880) —Wholesale, Retail and Dispensing Chemists & Manufacturers, Agents, Dr H C Sen Road, Fountain, Delhi 6

Health & Co —Chandni Chowk

H P Chatterjee & Co —Behind Imperial Bank Chandni Chowk

India Chemical Co — Khari Baoli

India Drug House —Bhagirath Palace, Chandni Chowk

Indra Trade Agencies —Connaught Circus

International Chemical Co —Phatak Habash Khan

The International Pharmacy —Sabzi Mandi

Jamna Das & Co —Chandni Chowk.

Kaisons —Chandni Chowk

Kanhayalal Ratanlal Inside Habash Khan Gate Delhi

Kemp & Co Ltd —Connaught Place

Kidarnath Sita Ram —Bhagirath Palace, Chandni Chowk

Lal & Co —Connaught Place

Modern Agencies —Back of Moti Talkies, Chandni Chowk

Modern Medical Store —1570, Church Road, Kashmere Gate, Delhi

M S Lakshmi & Sons —Chandni Chowk

Narain Medical Stores —Chandni Chowk

NARAINDAS BHAGWANDAS —Wholesale Druggists, behind Imperial Bank, Chandni Chowk, Delhi Branch Gardeware Road, Karolbagh, New Delhi

Narang Medical Stores —Chandni Chowk

National Pharmacy — Behind Imperial Bank Chandni Chowk

Neal & Co —Kashmere Gate

NEW GENERAL STORE —4 G, Connaught Circus, New Delhi Attended by renowned Physicians Phone 7004 Props Premchand Jain

New India Chemical Co —Dariba Kalan

Prakash Bros —Juma Masjid Area

Prakash Medical Hall —Subzi Mandi

The Punjab Sind Medicine Co —Esplanade Road

Radhakishan Premchand —Khari Baoli

Radicura & Co —Chandni Chowk

RAMA & SONS —34-C, Connaught Circus, opp Madras Hotel, New Delhi

R N Sharma Pharmacy —Naya Bazar

Royal Medical Hall —Fountain Area, Chandni Chowk

Sahib Singh & Sons —16 F, Connaught Circus

Sawhney Brothers —Esplanade Road

Shams ul Arfeen & Co —Fatehpuri

Sohanlal & Sons —Esplanade Road

Sukh Dayal Harnam Das —Subzi Mandi (Tram Terminus)

Twin Brothers —Bhagirath Palace, Chandni Chowk

Wadhawan Brothers —Back of Moti Talkies, Chandni Chowk

Young Friend & Co —Connaught Place

CHEMICALS (IMPORTERS & STOCKISTS)

Arjan Dass Gupta & Bros —25, Fatehpur, Delhi

Kanhayalal Ratanlal Inside Habash Khan Gate, Delhi

K C BHARGAVA & CO —P O Box No 1247, Delhi

Nayyar & Co —16, Faiz Bazar, Daryaganj, Delhi

CHILDREN'S REQUIREMENTS

Smart Shoe Co —5 G, Connaught Circus, New Delhi Phone No 7004

CINEMA AND MOTION PICTURE PRODUCING COMPANIES AND DISTRIBUTORS

JAYANTA STUDIO —6-B, Connaught Place, New Delhi

Rangoon Studio —58, Queensway, New Delhi

CINEMA MACHINERY

Sardar Zorawar Singh & Co —9, Raj Narain Road, Civil Lines Delhi 8

CINEMAS AND THEATRES

Camp Cinema —Delhi

Excelsior Cinema —Delhi

Imperial Talkies —Delhi

India Garrison Cinema —Delhi Cantonment

Jagat Cinema —Delhi

Jubilee Talkies —Delhi

Khana Talkies —Delhi

Kumar Talkies —Delhi

Leopord Cinema —Delhi Cantonment

Majestic Talkies —Delhi

Minerva Talkies —Delhi

Moti Talkies —Delhi

New Amar Talkies —Delhi

Novelty Cinema —Delhi

Odeon Cinema —New Delhi

Palam Cinema —New Delhi

Plaza Cinema —New Delhi

Race Course Cinema —New Delhi

Regal Cinema —New Delhi

Ritz Cinema —Delhi

Rivoli Cinema —New Delhi

Robin Talkies —Delhi

Stadium Cinema —New Delhi

Talkatora Palace —New Delhi

West End Talkies —Delhi

CINEMATOGRAPH IMPORTERS

ELECTRONICS LIMITED —Connaught Place, New Delhi, 71, Queen's Road, Bombay 2, 7, Woods Road, Madras 2, and 4, Chowringhee Place, Calcutta 13

CLOTH MERCHANTS (RETAILERS)

Ahuja Swadeshi Stores —Chandni Chowk, near Tower

Amin Chand Jiwan Ram —Clock Tower, Amritsar and Chandni Chowk, Delhi Dealers in Kashmere Shawls, Lobi, Namda, Pattu, Loose, Blankets, Woollen, Cotton and Silk Piece goods, etc , etc

Banbasi Swadeshi Stores —Near P O , Karol Bagh

Benares House —Near Clock Tower, Chandni Chowk

Bengal House —Nai Sarak

Bharat Swadeshi Stores —Nai Sarak

Birbal Das Om Parkash —Nai Sarak

Bishen Singh & Co —Chandni Chowk

B LILARAM & SONS (DELHI) —14-15-F, Connaught Place, New Delhi

Bombay Silk Stores —Chandni Chowk

Cawnpore Agency —Nai Sarak

Cheap Jainy —Connaught Place

Chiranji Lal Devi Dayal —Nai Sarak

Deougar Mal Lachhi Ram —Nai Sarak

Devichands —Connaught Place

Diwan Singh Ram Singh —Chandni Chowk

Gandhi Ashram Khadi Bhandar —Chandni Chowk.

Girwar Lal Baij Nath —Chandni Chowk

GLAMOUR —20-F, Connaught Place, New Delhi

Guptajee.—Connaught Place, New Delhi

Hazari Lal Basheshar Nath —Chandni Chowk
Hazari Lal Ram Parkash —Chandni Chowk, near Tower
Hotu Ram Vas Dev —Chandni Chowk, near Tower
Indian Stores —Opp Central Bank, Chandni Chowk
Jagat Narain Khanna —Connaught Place
Jamna Das Khanna —Chandni Chowk
Jankidas & Co —23/F, Connaught Place, New Delhi
Jauhari Mal Shiam Lal —Nai Sarak
Jhunni Mal Daya Parkash —Near Clock Tower, Chandni Chowk

Kanshi Pershad Devi Pershad —Nai Sarak
Kanshi Ram Kesho Ram —Chandni Chowk
Karachi Cloth House —Clock Tower, Chandni Chowk
Kashmir House —Chandni Chowk
Kashmir Swadeshi Stores —Chandni Chowk
Khalsa General Stores —Near Clock Tower, Chandni Chowk
Khazana Mal Banwari Lal —Chandni Chowk
Kishan Chand Chella Ram (India) Ltd —Chandni Chowk Tower
Kishori Lal & Sons —Nai Sarak
Krishna Brothers —Nai Sarak
Lachhman Das Jain & Co —Nai Sarak
Lahore Silk Store —Near Clock Tower, Chandni Chowk
Lairo Brothers —Chandni Chowk, near Bazar Ballimaran
Lakshmi Chand Om Parkash —Near Clock Tower, Chandni Chowk
Madho Ram & Sons —Connaught Place
Miri Mal Darbari Mal Jain —Nai Sarak
Mohan Bros Ltd —Connaught Place
Murshidabad Sarees Stores —Chandni Chowk
Nagin Chand Stores —Chandni Chowk
Oriental Cutpieces Stores Ltd —Chandni Chowk, behind Kumar Talkies

Pandit Brothers —Clock Tower, Chandni Chowk
Pearay Lal Baldev Pershad —Nai Sarak
Radhey Lal Kanhya Lal —Chandni Chowk
Raja Bros —Connaught Place
Ram Narain Tirlok Chand —Near Tower, Chandni Chowk
Ram Nath —Nai Sarak
Ram Sarup Sham Sunder —Nai Sarak
Rama Bros —Chandni Chowk

ROY BROTHERS (CHEAPJOHN) LTD —Drapers & Tailors, Queensway, New Delhi

Satya Dev Sudershan Lal —Near Clock Tower, Chandni Chowk
Shibban Lal Harnam Das —Nai Sarak
Shri Jawahar Shud Khadi Bhandar —Nai Sarak
Shyam Lal Sunder Lal —Nai Sarak
Sita Ram & Sons —Nai Sarak
Sobh Raj Silk Store —Near Clock Tower Chandni Chowk
Tulsi Das Ganga Ram —Kashmere Gate

CLOTH MERCHANTS (WHOLESALE)

Baij Nath Bala Pershad —Jagiwara, Nai Sarak
Baij Nath Trilok Chand —Katra Hira Lal
Balwant Singh Harbans Singh —Chandni Chowk, near Tower

BANSI LAL & SONS LTD —Imported Woollen, Silks and Cotton Piece-goods Merchants Regd Office 'N' Block, Piccadilly Buildings, Connaught Place, New Delhi Phone 8912 Grams "NAVSAT" Sales Depot Outside Katra Nawab Shah, Chandni Chowk, Delhi Directors Ram Parkash Aggarwala and M. K Gupta

Behari Lal Beni Pershad —Maha Laxmi Market, Chandni Chowk
Behari Lal Lakha Mal —Laxmi Bazar, New Cloth Market
Behari Lal Madan Lal —Maha Laxmi Market, Chandni Chowk

B LILARAM & SONS (DELHI) —14 15 F, Connaught Place, New Delhi

Charan Singh Bindra —Katra Lewa, Chandni Chowk
Delhi Cloth and General Mills Co Ltd —Delhi Kishanganj
Deougar Mal Lachhi Ram —Nai Sarak
Dwarka Das Murli Dhar —Cloth Market, Queen's Road
Gian Singh & Co —Laxmi Bazar, Cloth Market

GLAMOUR —20-F, Connaught Place, New Delhi
Johri Mal Gian Chand Jain —Cloth Market
Jugal Kishore Murli Dhar —Cloth Market
Kailash Co —Laxmi Bazar, New Cloth Market
K Hassaram & Co —Chandni Chowk (near Fountain)
Kedar Nath Dwarka Das —Laxmi Bazar, New Cloth Market
Kela Chand Dev Chand & Co, Ltd —Laxmi Bazar, New Cloth Market

Loke Nath Ram Saran Das —Cloth Market
Mahabir & Girish —Mahabir Bazar, Cloth Market
Malik Gobind Ram Rajinder Kumar —Mahabir Bazar, Cloth Market
Mohan Brothers Ltd —Clock Tower, Chandni Chowk
Morarka & Co, Ltd —Laxmi Bazar, Cloth Market
Oriental Cut Pieces Ltd —Chandni Chowk, behind Kumar Talkies
Pratap Mills Co, Ltd —Mahabir Bazar, Cloth Market
Raj Kumar Chander Kumar —Laxmi Bazar, Cloth Market
Raj Narain Anant Ram —Laxmi Bazar, Cloth Market
Rameshwar Das Dwarka Das —Laxmi Bazar, Cloth Market
Rameshwar Das Potodiya —Cloth Market
Sagar Mal Jagdish Pershad —Laxmi Bazar, Cloth Market
Sara Bhai Murari Lal —Mahabir Bazar Cloth Market
Shiv Lal Atma Ram —Katra Nawab Chandni Chowk
Shub Karan Das Chiranji Lal —Kucha Natwan, Chandni Chowk
Style —13/E, Connaught Place, New Delhi
Surat Ram Atma Ram —Laxmi Bazar, Cloth Market

COAL

Amir Chand & Sons —Western Extension Area, Karol Bagh
Arjan Dass Gupta & Bros —25, Fatehpur, Delhi
Bharat Coal Co —Ajmeri Gate

Chandan Mal Inder Kumar —Chandni Chowk
Chander Bhan Anand Parkash —Chawri Bazar
Coal Agents Ltd —Behind Kumar Talkies Chandni Chowk
Coal Marketing Co of India Ltd —Chandni Chowk

Karam Chand Thapar & Bros (Coal Sales) Ltd —Naya Bazar
New Bharat Charcoal Co —Chawri Bazar
Nilkanth Industries, Ltd —4 Daryaganj
Ram Narain Satya Pal —Jawala Bank Building, Chandni Chowk

Sikri Bros —*Connaught Circus*
S N Sunderson & Co (Office) —Original Road, Paharganj

COAL TAR, PITCH, ROAD TAR, ASPHALT, BITUMEN, ETC

Arjan Dass Gupta & Bros —25, Fatehpur, Delhi

COLOURS

Asian Chemical Works —Queen's Road, Nahar Sadat Khan, Delhi
Bilakedas Ramchander —Khari Baoli, Katra Tambaco Delhi
Calcutta Art Press —Katra Burian, Fatehpur Chandni Chowk, Delhi

Chunnilal Kanhyalal —Khari Baoli, Delhi
Dadajee Dhackjee & Co —Khari Baoli, Katra Tambaco, Delhi
General Paint and Colour Mart —Sitaram Bazar, Delhi
Harbhaghwan Rangwala —Khari Baoli Katra Tambaco, Delhi
Kaloo Mall Prithvi Raj —Khari Baoli, Delhi
Khatan Valabhdas & Co —Khari Baoli, Katra Tambaco, Delhi
Kohinoor Paint, Colours and Varnishes —Katra Burian Fatehpur Chandni Chowk, Delhi

Kokamal & Sons —Khari Baoli, Katra Tambaco, Delhi
Narayandas Jagjiwan & Co —Khari Baoli, Katra Tambaco Delhi
National Colour Company —Khari Baoli, Delhi
Ram Lubhaya Baignath —Khari Baoli, Katra Tambaco, Delhi

CROCKERY & CUTLERY

Jankidas & Co —23/F, Connaught Place, New Delhi
R K O Lionel Ellison & Co —General Merchants and Commission Agents Connaught Place New Delhi

SHRI SUDARSHAN STORES —A-Block, Connaught Place, New Delhi

CURIOS DEALERS

THE ART MUSEUM —Manufacturers of Brass, Ivory, Grass Mats and Indian Cotton Prints, 1726, Burn Bastion Road, Delhi 6

CYCLES & CYCLES ACCESSORIES

BOMBAY & CALCUTTA CYCLE CO —278, Esplanade Road, Delhi Phone 24262

CYCLE MFRS., DEALERS AND IMPORTERS

Ahuja Cycle Mart —Esplanade Road, Delhi
Amarsing Pearelal —Esplanade Road, Delhi
Appal & Co —Lady Hardinge Road, New Delhi
B Dass & Co —Fountain area, Chandni Chowk, Delhi
Bansilal & Co —Esplanade Road, Delhi

BOMBAY & CALCUTTA CYCLE CO —278, Esplanade Road, Delhi Phone 24262

C L Sachdev & Co —Esplanade Road, Delhi
Continental Cycle Importing Co —Esplanade Road, Delhi

CYCLE & GRAMOPHONE STORES (ESTD 1933) —47, Esplanade Road, Delhi 6 Grams: "MALIKJI" Importers of Cycles, Accessories, Saccharine and Betel-nuts

Emnaths —Connaught Place, New Delhi

Ganesh Cycle Store.—Fountain Area, Chandni Chowk, Delhi
Gupta Motor Cycle Works —Hamilton Road Delhi
Hemchand & Sons —Jama Masjid Area Delhi

Hitkari Brothers (Bombay) ...l Chandni Chowk Delhi
Imperial Cycle Mart —Esplanade Road, Delhi
Imperial Cycle & Motor Co —Fountain Area, Chandni Chowk, Delhi
Indo Commercial Corporation —Esplanade Road, Delhi
Jitindra Auto Engineers —Faiz Bazar, Daryaganj, Delhi
Jiwanlal & Co —Dariba Kurd, Chandni Chowk, Pharutawali Gali, Delhi
Kailash Stores —Punchquin Road, Bhagirath Malls Building, New Delhi
Kanshal Cycle Trading Co —Esplanade Road Delhi
Kapur Brothers —Back of Moti Talkies Chandni Chowk, Delhi
Khanna Cycle Co —Multani Dhanda Paharganj, New Delhi
Kholi Brothers —Esplanade Road Delhi
Khyber Cycle Mart —Esplanade Road Delhi
Kumar Brothers & Co —Esplanade Road, Delhi
Mehta Cycle and Motor Works —Esplanade Road, Delhi
M R Malhotra & Co of Jhelm —Fountain Area, Chandni Chowk Delhi
Munjal Brothers —Esplanade Road, Delhi
Narayan Behari & Co , 606, Nanghara, Kinari Bazar, Delhi 6
National Cycle Co —Subzi Mandi, Delhi
National Cycle Mart —Esplanade Road, Delhi
National Cycle Works —Esplanade Road, Delhi
New Delhi Cycle Mart —Connaught Place, New Delhi
N Kishore & Co —Esplanade Road Delhi 6
Pindi Cycle Agency —Esplanade Road, Delhi

RAM SWARUP GUPTA —278, Esplanade Road, Delhi, Dealers in Cycles, Cycle Parts, Motor Parts, General Importers and Hardware Merchants

Rama Cycle Stores —Ram Dawara Road, Pahargunj, New Delhi
Sat Brothers —Lady Hardinge Road, New Delhi
Sethi & Co —Queen s Road, Nahar Sadat Khan, Delhi
Sharma Motor Cycle Co —Hamilton Road, Delhi
T C Khosla & Co —Esplanade Road, Delhi
The Krishna Cycle House —Esplanade Road, Delhi
The Punjab Cycle Parts Co —Esplanade Road, Delhi
The Roval Cycle Co —Esplanade Road, Delhi
Veer Cycle Co —Esplanade Road, Delhi

CYCLES, MOTOR AND MOTOR CYCLES

BOMBAY & CALCUTTA CYCLE CO —278, Esplanade Road, Delhi Phone 24262

Delhi Motor & Cycle Co —48 Queensway, New Delhi
Eastern Trading Co —Madrasa Road Kashmere Gate, Delhi
Indo Commercial Corporation —211, Esplanade Road Delhi
Ram Lashwar & Co —11, Esplanade Road, Delhi

DAIRIES

Butterways Dairy Farm —Kashmere Gate
Cow field Dairy —648, G B Road
Dairy Farm Pinjrapol —Delhi Kishenganj
Dayal Bagh Dairy Ltd —Connaught Circus, opp Scindia House
Edw Keventor Ltd —Kitchner Road, Connaught Place, Kashmere Gate & Nai Sarak
Excelsior Dairy Co —Old Gurgaon Road
Health Dairy — B Block Connaught Place
New Royal Dairy —58, Daryaganj
Raj Dairy —Nai Basti, Inside Phatak Habash Khan
Simla Dairy Ltd — 'B Block, Connaught Place
United Dairies Ltd —Connaught Circus

DEAF APPLIANCES

Punjab Spectacles Co Fountain, Delhi

DENTAL GOODS

Herben Ltd —N 79, Connaught Circus, New Delhi

DIESEL ENGINES

ESCORTS (AGENTS) LTD —Pratap Buildings, Connaught Circus Phone 40146 (4 lines) Grams : "ESCORTS" Post Box No 187, New Delhi

DRAPERS

Jankidas & Co —23/F, Connaught Place, New Delhi

DRESS MAKERS

B LILARAM & SONS (DELHI) —14-15 F, Connaught Place, New Delhi

Burn & Co —Subzi Mandi, Delhi
Dhera Ram & Brothers —Panchquin Road, Regal Building, New Delhi
Glamour —20 F, Connaught Place, New Delhi
H S Bhagat —Panchquin Road, Regal Building, New Delhi

ROY BROTHERS (CHEAPJOHN) LTD —Drapers & Tailors, Queensway, New Delhi

DYES, IMPORTERS, DEALERS, ETC.

Hiralal Devidas & Co —Khari Baoli, Katra Tambaco, Delhi
Jai Hind Dye Cutting Works —Maliwara, Back of Moti Bazar, Chandni Chowk Area, Delhi
Kaloomal Shorimal Sachdev —Khari Baoli, Katra Tambaco, Delhi

DYEING, PRINTING AND BLEACHING

Motiram Sarendar Kumar —Bhangi Katra, Chandni Chowk, Delhi
The New Calico Dyers & Cleaners —Bhagirath Palace, Chandni Chowk Delhi

ELECTRICAL CONTRACTORS (LICENSED)

Acme Electric Co —23 Prem House, Connaught Place, New Delhi

ELECTRICAL ENGINEERS

MATCHWEL ELECTRICALS (INDIA) LTD —(Managing Agents : Kassels Ltd), Subzi Mandi, Delhi Phone : 24111 Grams "MATCHWEL" Electrical Engineers, Government Contractors and Manufacturers of famous low consumption M.E I Kassels, Anand and Lucky A C and Azad D. C Fans Selling arrangements all over India

Raghu Engineering Works Ltd —5, Daryaganj, Delhi

ELECTRICAL GOODS & APPLIANCES

Azad Electric Co —Fountain, Chandni Chowk.
Bansal Electric Stores —Dariba Kalan Bazar
B Datta & Sons —Paharganj
Bhagwan Singh & Sons —19-C, Connaught Place, opp Odeon
Bhalla Electric Co —Paharganj
Bharat Electric Co —Connaught Place
Bharat Electric & General Stores —Subzi Mandi Tram Terminus
Bindra Electric & Trading Corporation —579, Dariba Kalan
British Insulated Callender s Cables Ltd —Connaught Circus
Calcutta Electric Co —Dariba Kalan Bazar
Champion Electric & Engineering Works —Chandni Chowk, near Fort
Commer Electric Co , The — Shri Mahalakshmi Market, near Reserve Bank of India, Chandni Chowk, Delhi
Commercial Electric Co —Chandni Chowk, near Gurdwara
C R E Wood & Co , Ltd —Faiz Bazar
Delhi Wires Ltd —24, Daryaganj
Eastern Electric & Trading Co —23-E, Connaught Circus
Electric Trading Co —Chandni Chowk, near Gurdwara
Electronics Ltd —Connaught Place, New Delhi
Empire Industries —Malkaganj
English Electric Co , Ltd —Gobind Mansion, Connaught Circus

ESCORTS (AGENTS) LTD —Pratap Buildings, Connaught Circus Phone No 40146 (4 lines) Grams "ESCORTS" Post Box No 187, New Delhi

Expert Electric & Radio Co —Chandni Chowk, near Gurdwara
General Electric Trading Co —Chandni Chowk, near Gurdwara
General Electronic Corporation —Connaught Place, Post Box No. 316, New Delhi
Imperial Electric Mart —Sadar Bazar
Imperial Electric & Radio Mart —Chandni Chowk, near Gurdwara
Jagota Electric Trading Co —13, Maha Laxmi Market, Chandni Chowk
Jankidas & Co —23/F, Connaught Place, New Delhi
Jyoti Swarup Goela & Sons —New Delhi
Kapurja Ltd —72, G B Road

KHYBER ELECTRIC STORES —Connaught Circus, New Delhi Phone 43888 Grams : "BARSALLY" Electrical Engineers and Government Contractors, Installations of all types undertaken ; House of latest Electrical appliances ; Branches Dehra Dun and Lucknow

Lakshmi Electric Co —Chandni Chowk, near Fountain
Lloyds Electric & Engineering Co —Connaught Circus.
Mahavir Electric Co —Chandni Chowk, near Gurdwara
Manchanda Electric Co —Bazar Dariba Kalan
Matchwel Electricals (India), Ltd.—Subzi Mandi Tram Terminus
Modern Radio & Electric Stores —Chandni Chowk, near Gurdwara
Narain Electric Stores —Chandni Chowk, near Gurdwara.

Nath & Co —Connaught Place
National Conduits Ltd —Kashmere Gate, Delhi
Netar Krishena Sehgals Ltd —4/90, Connaught Circus
N Kishore & Co —Esplanade Road, Delhi 6
Oriental Electric Co —Chandni Chowk, behind Imperial Bank
Paragon Electric Co —Bengal Central Bank Building, Connaught Circus
Parkash Electric Stores —Chandni Chowk
Philips Electrical Co (India) Ltd —Daryaganj
Premier Electric Co , Ltd —Chandni Chowk, near Gurdwara
Radio Supply & General Electric Co —Kashmere Gate
Raghbar Dayal & Co —Fatehpuri
Raghu Engineering Works, Ltd —5, Daryaganj, Delhi
R C Durant & Co —Connaught Circus
Roshan Electric Co —Bazar Dariba Kalan
RUSSA ELECTRIC WORKS —Everything Electric Chandni Chowk, Delhi 6
Sagar Electric Trading Co —Bazar Dariba Kalan
S Bhalla Electric Stores —Mori Gate
Sehgal Electric Trading Co —Dariba Kalan
Shree Nursingh Sahay Mudun Gopal Electric Co , Ltd Chandni Chowk (Film Colony), Delhi
S P Kishore & Co —Chandni Chowk, near Gurdwara.
Superior Electric Co —Delhi, 17, Faiz Bazar
Trilok Chand & Co —8 G, Connaught Circus N D
Uday Electrical Equipment Co — K ' Block Connaught Circus New Delhi
United Electric Co —Chandni Chowk, near Gurdwara
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DEEPAK INDIA —11-A, Connaught Place, New Delhi
Hindustan Embroidery —Ashrafi Katra, Chandni Chowk, Delhi
Prakash Embroidery Works —Pahargunj, Main Bazar, New Delhi
Shardha Embroidery —Chandni Chowk, Delhi
THE ART MUSEUM —Manufacturers of Handkerchiefs, Napkins, Sarees, Runners, Dinner & Luncheon Sets, 1726, Burn Bastion Road, Delhi 6

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Harichand Kashmirilal —Lahori Gate, G B Road, Delhi
Shivchandrai Rampartap —Lahori Gate, G B Road, Delhi
Universal Tin Works —Lahori Gate, G B Road, Delhi

ENAMELWARE

Jankidas & Co —23/F, Connaught Place, New Delhi

ENGINEERING STORES

G D Seigell & Co —Kashmere Gate, Delhi
New Lahore Engineering Co —Fatehpur, Chandni Chowk, Delhi

ENGINEERS AND CONTRACTORS

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Chand Engineering Co —Lahori Gate, G B Road, Delhi
Dara & Co —Baird Road, New Delhi
Delhi Engineering Workshop and Foundry —Ajij Building, Choona Mandi, Pahargunj, New Delhi
The Delhi Iron Syndicate —Ajmere Gate, Delhi
Hindustan Machinery Store —Naya Bazar, G B Road, Delhi
The H N Kapur & Co , Ltd —Hauz Qazi, Delhi
Indraprastha Marble & Tiles, Ltd —Hamilton Road, Delhi
JOHN TINSON & CO , LTD —54, Queensway, New Delhi
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The Lakshmi Engineering Works —Hauz Qazi, Delhi 6
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Marshall Sons & Co , Ltd —Regal Building, New Delhi
Motiram & Sons —65/1 G B Road, Delhi
National Engineering Co —Naya Bazar, Delhi
Nav Bharat Engineering Co —Naya Bazar, Delhi
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All India Sunrise Pictures
Amarson Pictures
Anokhey Film Distributors
Arora Talkie Distributors
Arun Pictures

Associated Pictures Distributors
Azad Hind Pictures

Batra Talkie Distributors
Beauty Films
Bhagi Brothers
Bhagwati Pictures
Bharat Pictures Ltd
Bhartia Art Pictures —Delhi Gate
Broadway Pictures Ltd

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Capital Talkies Distributors
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Central Talkie Circuit Ltd
Chadha & Co
Chhatrasal Film & Finance Ltd
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Chopra Film Exchange
Cinexploiters

Desai & Company
Delhi Film Corporation Ltd
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National Cine Studios Ltd —Church Road, Kashmere Gate Delhi
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Paradise Film Ltd
Patel India Ltd
Prabhat Film Distributors I Ansari Road Daryaganj
Prakahs Talkie Distributors
Premier Pictures
Pride of India Pictures Ltd
Public Pictures Ltd
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Rawalpindi Theatres Ltd
R. S Chandanmul Inderkumar

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Saxena & Co Ltd
Screen Exchange
Shivsaran Das Kidar Nath
Shree Saraswati Pictures
Silver Screen Distributors
Starline Pictures Ltd
Supreme Films
Swatantra Cine Corporation
Syal Film Distributors

Traders (1947) Ltd
Triveni Pictures

Union Films
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Victory Film Exchange
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Baldevshai Rambhagat —Naya Bazar, G B Road, Delhi
Banarsidas & Co —Naya Bazar, Delhi
Bansidar Madan Lal -Naya Bazar G B Road Delhi
Barasilal & Bros -Khari Baoli, Delhi
Basant Store — Baird Road New Delhi
Basi Bros —Paharganj, Main Bazar, New Delhi
B D Brothers Paharganj Main Bazar, New Delhi
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Bhagwandas Harkishandas —Kinari Bazar Delhi
Bhagwandas & Sons —Naya Bazar, Delhi
Bharat General Store —Main Bazar, Paharganj New Delhi
Birbaldas Jagdishpershad —Chandni Chowk Delhi
Bombay House —Chandni Chowk, Delhi
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Chandulal Surajmal —Naya Bazar, G B Road Delhi
Chhaganlal Shyam Sunder —Mallwara, back of Moti Bazar, Chandni Chowk Area, Delhi
Dass Store —Lady Hardinge Road, New Delhi
Desraj Bhagwandas — opp Chartered Bank, Chandni Chowk, Delhi
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Glanchand Dinanath Gujranwala —Naya Bazar G B Road Delhi
Goyal Bros —Regal Building, Punchquin Road, New Delhi
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Harbanslal Kanhayalal —Ballimaran, Chandni Chowk, Delhi
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Kedarnath Babulal Khemka —Bhangi Katra, Chandni Chowk, Delhi
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K Murari & Co —Jogdhian Colony, Delhi
K S Lakhonir Singh & Co —Chandni Chowk, Delhi
Kunjlal Kundanlal Jain —Naya Bazar, G B Road, Delhi
Lakhumal Ramnath —Naya Bazar, G B Road, Delhi
Lotiram Makhan Lal —Naya Bazar, Delhi
Ludharam Kishandass Atmaram Varma —Katra Subhash, Chandni Chowk, Delhi
Madras Stores —Baird Road, New Delhi
Malik Kalaram Roshanlal —Naya Bazar, Delhi
M R Stores —Connaught Place, New Delhi
MILAWA RAM LAKHMICHAND —Hosiery, Umbrella, Trunks, Canvas Shoes and General Merchants and Direct Importers, Sardar Bazar, Delhi
Mongalal Bhooramal —Naya Bazar, G B Road, Delhi
Nayyar & Co —16, Faiz Bazar, Daryaganj, Delhi
New Fancy Stores —Connaught Place, New Delhi
New General Stores —4-G, Connaught Circus, New Delhi
Paliram Nanikchand —771, Chandni Chowk, Delhi
Pioneer Stores —Connaught Place, New Delhi
Prabhudayal Lachminarain —Naya Bazar, G B Road, Delhi
Premsukhdas Narsinghdas —Chandni Chowk, Delhi
Punjab Business & Supply Co , Ltd —Naya Bazar, Delhi
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Ram Dallamal Dwarkadas —Nagpuri Katara, Delhi
Rama Fancy Store —Paharganj, Main Bazar, New Delhi
Rama Stores — Regal Building, Punchquin Road, New Delhi
Ramgopal Bhagwandas —Naya Bazar, G B Road, Delhi
Ramgopal Santlal —Naya Bazar, G B Road Delhi
Ramjatmal Jhandulal —Lahori Gate, G B Road Delhi
Ratanlal & Co —Naya Bazar, G B Road, Delhi
R S Bholaram & Sons, Ltd — Mori Gate, Delhi
Sadiram Balmukand —Naya Bazar, G B Road Delhi
Sain Stationery Mart —Jama Masjid Area Delhi
Santlal Kanhyalal —Naya Bazar G B Road, Delhi
Santokh Singh & Sons —Katra Subhash, Chandni Chowk Delhi
Sardaram Hariram —Naya Bazar G B Road, Delhi
Savtri Store —Mallwara, Back of Moti Bazar Chandni Chowk Area Delhi
Sethi Stores —Chandni Chowk, Delhi
Sewaram Brij Gopal (Multani) —Naya Bazar Delhi
Shadiram Chanderbhan —Naya Bazar, G B Road, Delhi
Shambhunath Naraindas —Kinari Bazar Delhi
Shantilal Kashmerilal —Naya Bazar, Delhi
Shiblal Prabhu Daval —Naya Bazar, G B Road, Delhi
Shiv Naram Brij Mohan —Chandni Chowk, Delhi
Shri Kishindas Devkinandan —Lahori Gate, G B Road, Delhi
Shri Krishna & Co —Ajij Building, Choona Mandi, Paharganj New Delhi
Sohanlal Banarsidas —Naya Bazar, Delhi
Standard Stores —Fatehpur, Chandni Chowk, Delhi
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Teja Singh & Sons, S —Naya Bazar G B Road Delhi
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Tiagi Brothers —Chandni Chowk, Delhi
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Chunilal Mangeram —Naya Bazar, G B Road, Delhi
Fatehchand Brij Mohanlal —Naya Bazar, Delhi
Glanchand Gordhandas —Naya Bazar, Delhi
Hardev Sahai Munilal —Naya Bazar, G B Road, Delhi
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Ratanlal Jai Bhagwan —Naya Bazar, Delhi
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Sadiram Balmukand —Naya Bazar, G B Road, Delhi
Santlal Kanyalal —Naya Bazar, G B Road, Delhi

Sardaram Hariram —Naya Bazar, G B Road, Delhi
Shadiram Chanderbhan —Naya Bazar, G B Road, Delhi.
Shibial Prabhu Dayal —Naya Bazar, G B Road, Delhi
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Udmichand Jagannath —Naya Bazar, Delhi
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Lakshmi Hotel —Chandni Chowk

Madras Boarding House —Connaught Circus
Maidens Hotel —Alipore Road
Maharaja Hotel —Nehar Sadat Khan, Queen s Road
Marina Hotel —Connaught Circus
Minerva Hotel —Queen's Road
New India Hotel & Restaurant—Katra Baryan, Fatehpuri
New Empress Hotel —Fatehpuri

Park View Hotel —Fatehpuri
Pink Hotel —Queen's Gardens, opp Rly Station, Delhi
Prince Hotel —Queen's Road
Punjab Hotel—Fatehpuri
Regal Hotel — Queen s Road
River Hotel —Faiz Bazar
Royal Hotel —Queen s Road

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Lachhman Dass Ramchand —Chawri Bazar, Delhi
Mera Chemicals —Lahori Gate, G B Road, Delhi

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Seth Ramnarain Gupta & Bros — Naya Bazar, Delhi
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Sudam & Co —Esplanade Road Delhi
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Bhagwan Sahai & Co —Chawri Bazar, Delhi
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Godrej, Godrej & Boyce Mfg Co , Ltd —168, Chandni Chowk, Delhi
Iron Traders Ltd —Lal Kua, Delhi
Khandelwal Bros Ltd —Chawri Bazar Delhi
Jagannath & Co —Naya Bazar G B Road, Delhi
Jwalanath Bhagwandas —Chawri Bazar, Delhi
Lachmandas Jaidayal —Chawri Bazar, Delhi
Lachmandas Ramchand —Chawri Bazar, Delhi
Manilal & Co —Chawri Bazar, Delhi
Munalal Ramdayal —Chawri Bazar, Delhi
Munshilla Omperkash —Chawri Bazar, Delhi
Parkash Iron & Steel Co —Hauz Kaji, Delhi
Peayarelal Kanumal —Chawri Bazar, Delhi
Ramchand Bengalimal —Chawri Bazar, Delhi
Rattanlal Rajkishan —Chawri Bazar, Delhi
Tata Industries Ltd —Connaught Circus

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Bhukhandas Nathubai Suratwala —Kinari Bazar, Delhi

B LILARAM & SONS (DELHI) —14-15F, Connaught Place, New Delhi

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Dayabhai Ranchhodbhai Patel —Kinari Bazar, Delhi
Glamour —20/F, Connaught Place, New Delhi
Hasmukhlal Jaikishindas —Kinari Bazar, Delhi
Hind Stores —771, Chandni Chowk, Delhi
Jagjivandas Keshavram —Kinari Bazar, Delhi
Manherlal Mohanlal —Kinari Bazar, Delhi
Motiram Narsinghdas —Kinari Bazar, Delhi
Om Parkash Agarwal —Kinari Bazar, Delhi
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Ramanlal Chunilal —Kinari Bazar, Delhi
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Sha Vasantlal Panachand —Kinari Bazar, Delhi

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Babu Jewellery House —Bazar Dariba Kalan
Babu Mull & Co —Kashmere Gate
Basheshar Nath & Sons —Bazar Dariba
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Bharata Ji Di Hatti —Chandni Chowk
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Ivory Palace —Connaught Place
Jagadhar Mal Dhannu Mal Jain —Dariba Kalan
Jagat Kishore —Chandni Chowk
Jagat Narain & Sons —Chandni Chowk and 64, Queensway
Jugal Kishore & Sons —Chandni Chowk
Kali Charan & Sons —Chandni Chowk
Kamala Jewellery House —Subzimandi

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Pooran Mal Nannu Mal Jain —Dariba Kalan
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GLAMOUR —20-F, Connaught Place, New Delhi

Jankidas & Co —23-F, Connaught Place, New Delhi

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Jankidas & Co —23 F, Connaught Place, New Delhi
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Leather & Artistic Craft Ltd —Faiz Bazar (Daryaganj)
Leatherite —Connaught Place, New Delhi
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The Art Museum — 1720, Burn Bastion Road, Delhi 6

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Harischandra & Co —Naya Bazar, G B Road, Delhi
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Manilal & Brothers —Chawri Bazar, Delhi 6
Mano Ramesh & Co —Lahori Gate, G B Road, Delhi
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Sharma Engineering Co —Naya Bazar Delhi
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Northern India Motor Co Connaught Circus, New Delhi

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Bharat Motor Company The —Queen s Road, opp Railway Station, Delhi
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Lakshmi Motor Company, The —Queen s Road, opp Railway Station, Delhi

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Olympia Motors—Hamilton Road, Delhi
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Evening News (English) —Connaught Circus
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Hindustan Standard (English) —Ram Nagar
Milap (Urdu) —B Block Connaught Circus

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Netaji (Hindi) —Connaught Circus
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Foto centre —17, Faiz Bazar, Daryaganj
Gopal Chitra Kuteer —73 Ansari Road, Daryaganj, Delhi
G S Virdee Lal Chand—Kutab Road
Imperial Photo Studio —Connaught Place, near Post Office
Inder Jit Rallia Ram & Co —Connaught Circus
India Photos Camerartz —53, Panchquin Road
Jain Photo Service —Bazar Subzimandi
Kanwal Bros —Esplanade Road
Karachi Photo House —Subzimandi Tower
Kinsey Bros —Connaught Place
K L Arora & Sons —Baird Road, New Delhi
Kumar Bros —Esplanade Road
Lakshmi Photo Co —Chandni Chowk, opp Imperial Bank
L Dass & Sons —Connaught Place
Lily-white Portrait Studio —Connaught Circus
Mahatta & Co —M Block, Connaught Circus, New Delhi
Mangal & Co —Chandni Chowk, near Dewan Hall
Metro & Co —Chaudni Chowk, near Imperial Bank
Metro Studio —Connaught Circus, New Delhi
Mulk Raj & Son.—Nai Sarak
Nice Photo Studio —Chandni Chowk
Oriental Art Studio —Esplanade Road
Photo Service Co —Connaught Place, New Delhi
Photo Studio —Connaught Circus, opp Scindia House
Ram Nath Photographer —Kashmiri Gate
Rangoon Studio —58, Queensway, New Delhi
R R Gupta & Sons —Baird Road, New Delhi
Royal Photos Co —Connaught Circus
Roval Studios —B Block, Connaught Place
Simla Studios —Regal Building, Connaught Circus
Soni Studio —Esplanade Road
Star Photo House —Esplanade Road
TALREJA BROS , (RANGOON STUDIO) —58, Queensway, New Delhi , Phone 7861

PHOTO STUDIOS

DELHI PHOTO COMPANY —Photographers & Dealers, 78, Queensway, New Delhi, Phone 8575
Photo Studios, The —Photographers and Dealers, opp Scindia House, New Delhi 1 Grams 'Snapshot' Phone 8890

PHOTOGRAPHIC MATERIAL DEALERS

Talreja Bros , Rangoon Studio —58, Queensway, New Delhi

PICTURE DEALERS & FRAME MAKERS

HIMALAYA TRADING CO —Fatehpuri, Delhi 6 , Branch at: Chandni Chowk, New Gurdwara, Delhi
Rainbow Calendar Co —No 3, Daryaganj, Delhi Manufacturers of High Class Calendar, Pictures by Photo Offset Process

PIPES AND FITTINGS MERCHANTS

Dunichand Keshoram of Lahore —Ajmere Gate, Delhi
Fakirchand & Sons —Ajmere Gate, Delhi
Gayfield & Co —Chawri Bazar Delhi
Indian Hume Pipe Co Ltd —Delhi Sarai Rohilla
J B Norton & Sons Ltd —Kashmere Gate
John Tinson & Co Ltd —Queensway
K Fairfield & Co —Sita Ram Bazar, Delhi
Mahabir Pershad & Sons —Chawri Bazar, Delhi 6
Manilal & Bros —Chawri Bazar, Delhi
Standard Tube & Hardware Mart —Lahori Gate, G B Road, Delhi
The Punjab Pipe Merchants Associaton Ltd —Ajmere Gate, Delhi

POWER PLANT MFRS.' REPRESENTATIVES

Escorts (Agents) Ltd —Pratap Building, Connaught Circus, New Delhi

PRECIOUS STONES

THE ART MUSEUM —Manufacturers of Semiprecious Stones, Jewellery and genuine Stones, 1726, Burn Bastion Road, Delhi 6

PRESENTATION ARTICLES

Jankidas & Co —28 F, Connaught Place, New Delhi
Novelties Ltd —Scindia House, New Delhi

PRINTERS & PUBLISHERS

Gulab Chand Kapur & Sons —75 76, G B Road, Delhi

PRINTING PRESSES

Albert Printing Press —Esplanade Road, near Jama Masjid
Alb on Press —Kashmere Gate
Alliance Press —Kutab Road
Aneja Printing Press —Bara Tooti, Sadar Bazar
Arjun Press —Naya Bazar, Shardanand Road
Army Press —Alipur Road, near Khyber Pass Market
Arorbans Press —Hathi Khana No 13, Bahadurgarh Road, Delhi
Azad Electric Press —Chawri Bazar
Baluja Press —Fatehpuri
Bengal Press —Pul Bangash
Bhagwan Printing Works —Chawri Bazar
Bharat Prakashan (Delhi) Ltd —Faiz Bazar
Block Printing Press —Bara Tooti Sadar Bazar
Broadway Press —Bara Tooti Sadar Bazar
Cambridge Printing Works —Kashmere Gate
Capital Press —Sadar Bazar
Chanana Press —G B Road
Chandra Printing Press —Naya Bazar
Cinema Art Press (of Lahore)—G B Road
Coronation Printing Works —Fatehpuri
Crescent Printing Works —14/90, Connaught Circus
Daulat Press —Bara Tooti, Sadar Bazar
Dayal s Printing Press —Fountain, Chandni Chowk
Delhi Press —Connaught Circus, New Delhi
Delhi Printing & Publishing Co Ltd —Connaught Circus
Delhi Printing Works —Chawri Bazar
Diamond Press —Faiz Bazar
Durga Art Press —Nicholson Road, Kashmere Gate
Eagle Art Press —Sadar, Thana Road
Federal Trade Press —Connaught Circus
Gaya Dutt Press —Bagh Dewar, Fatehpuri
Gita Printing Press —Library Road, Pul Bangash
Gondal Press —Connaught Circus
Great India Press —G B Road
Grover Art Press —Esplanade Road

Grover Printing Press —Hamilton Road Kashmere Gate
Gulab Chand Kapur & Sons —G B Road
Gupta Printing Works —Esplanade Road
Harbans Art Press —Nicholson Road
Hind Society Press —Sadar Bazar
Hindustan Times Press —Connaught Circus
I M H Press —Fountain Chandni Chowk
Imperial Fine Art Press —Naya Bazar
Indian Press 441 Queens Road behind Novelty
Indian Printing Work —7A/23 W E A, Karol Bagh
Indraprastha Printing Press —Queens Road behind Novelty
Jagdish Art Press —Original Road near Railway Bridge
Jai Bharat Printing Works —Idgah
Jamna Printing Works —Peepal Mahadev, Lal Kuan
Janty Printing Works —Near Jama Masjid
Japan Art Press —Hauz Kazi Ajmeri Gate
Jayyad Press —Ballimaran Chandni Chowk
Kailash Line Printing Works —Bara Tooti, Sadar Bazar
Kapur Printing Press —Kashmere Gate
KAY EMM Press —3/512, Mohd Hussain Road near Joshis Hospital Karol Bagh
Khanna Press —Chandni Chowk near Fountain
Khosla Printing Press —Thana Road, Sadar Bazar
Kochhar Press —Gali Lalu Kutab Road
Kuldip Press (of Lahore) —Karol Bagh Delhi
Lahore Economical Press —Original Road, near Multani Tanda
Laxmi Printing Press —Dariba
Lion Press —Chawri Bazar
Mehra Printing Works —Bahadurgarh Road
Mehta Art Press —Thana Road, Sadar Bazar
Milap Press —G B Road
Model Press —Naya Bazar
Modern Fine Art Press —Chawri Bazar
Murari Fine Art Press —Daryaganj
Narain Printing Works —Katra Nabi Bakhsh Sadar Bazar
Narendra Electric Press —Original Road Paharganj
Nath & Co (Printers) —Connaught Place
National Printers Ltd —Bahadurgarh Road, Tehwara
Netaji Press —Connaught Circus
New India Press —Connaught Circus New Delhi
Okay Art Press —23 Daryaganj
Oxford Printing Works —Scindia House Connaught Circus
Paramount Art Press —Desu Mand Road Daryaganj
The Paramount Press —19 Faiz Bazar Delhi Offset Lithographers, Printers Designers and Block Makers
P B I Press —Original Road near Multani Tanda
Pearson Press —Faiz Bazar
Pioneer Fine Art Press —Ajmeri Gate
P & O Printing Works Nicholson Road
Prem Art Press —Kinari Bazar Chandni Chowk
Punjabi Press —Bara Tooti, Sadar Bazar
Puri Printing Works —Chawri Bazar
Raj Hans Press —Ruiki Mandi Sadar Bazar
Ram Krishena Press —Katra Neel, Chandni Chowk
Ranjit Printing Press —Kutab Road
Rashtriya Printing Press —78 G B Road
Rattan Press (Regd) —Jatehpuri
Rooprani Printing House —23 Daryaganj
Roxy Printing Press —Connaught Circus
Sachdeva Printing Works —Chawri Bazar
Shanti Press Naya Bazar
Sharda Printing Press —Naya Bazar
Shri Laxmi Printing Press —Roshanara Road
Shri Maha Laxmi Art Press —Bahadurgarh Road
Sorindro Press —Bara Tooti Sadar Bazar
Statesman Press —Connaught Circus
Style Printing Works —Bara Tooti Sadar Bazar
Sunder Press —Gali Lalu, Kutab Road
Swan Press —Thana Road, Sadar Bazar
Tej Press —Naya Bazar
Tropical Press —Connaught Circus
Victoria Cross Press —3, Daryaganj
Victoria Electric Press —Sadar Bazar
Vijey Press —Naya Bazar
Vir Arjun Press —Naya Bazar

PRINTING PRESS MATERIALS

Balbir Bros, Ltd —Importers and Merchants of Paper, Stationery, Printing Machinery and other Allied Material, Jama Masjid, Delhi

J Mahabir & Co Ltd —Importers and Merchants of Paper, Printing Machinery and other Allied Material, Jama Masjid, Delhi Telegrams Sunflower, Delhi Telephone 6154

PRINTERS, PUBLISHERS & BOOKSELLERS

K N Dawar & Co —12 L, Connaught Circus, New Delhi Stationers and Printers Phone 43965

Om Prakash Anand —Prop, Messrs Thakar Dass Anand & Sons Educational Publishers 58, Esplanade Road, Delhi 6

SHARDA MANDIR —Nai Sarak, Delhi Educational and General Publishers of Hindi Books Specialists in Children's Literature

PROCESS BLOCK-MAKERS

Delhi Press Connaught Circus, opp Fire Brigade P O Box No 17 New Delhi 1

Madan Half Tone Co —Nicholson Road Delhi

PROVISION MERCHANTS

Army and Navy Stores, Ltd - Regal Building Connaught Circus
Arora Provision Store —Paharganj Main Bazar New Delhi
Bahal Provision Store —Ram Dawara Road Paharganj New Delhi
Bhola Ram & Sons —Connaught Place New Delhi
Capital Stores —Connaught Place New Delhi
Chopra Modern Stores Multani Dhanda Paharganj New Delhi

EMPIRE STORES —Wine & General Merchants, Chemists & Druggists Head Office Connaught Place, New Delhi Branches Prithvi Raj Lane, D G Club, New Delhi, Delhi Cantt and The Mall, Simla

Friends Provision Store —Paharganj Main Bazar, New Delhi
Gulabmull Hemraj —Connaught Place, New Delhi
General Stores —Lady Hardinge Road New Delhi
Handa Provision Store —Main Bazar Paharganj, New Delhi
Himalaya Manufacturing & Sales Co —Park Mansions Daryaganj, Delhi Branch Nawab Buildings, 327, Hornby Road, Bombay 20 Netaji Subhas Road Calcutta
Importers and Wholesalers of Milk Powder Condensed Milk Ice Cream Mix Powder, Ice Cream Cones Essences Saccharine etc
Khalsa Provision Store —Paharganj Main Bazar New Delhi
Lakshmi Stores —Lady Hardinge Road New Delhi
Marwar Stores —Lady Hardinge Road New Delhi
Nayyar & Co —16 Faiz Bazar Daryaganj Delhi
New General Store —4 G, Connaught Circus, New Delhi
Sarkoda Provision Store —Paharganj Main Bazar, New Delhi
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Best Radio Repair Shop —Fountain Area, Chandni Chowk, Delhi
British Radio Products -Connaught Place, New Delhi
Chicago Telephone & Radio Co, Ltd —Contractors to Government of India, Military and Navy Department, 68, Queensway, New Delhi Telegram Chiphone Telephone No 7179
Delhi Radio Company —Chandni Chowk, Delhi
Eastern Electric and Trading Co —Connaught Place New Delhi
Elect onics Ltd - -Connaught Place, New Delhi
Empire Radios —Connaught Place, New Delhi
Empire Trading Co -Esplanade Road, Delhi
General Electronic Corporation —Connaught Place, P O Box No 316, New Delhi
General Electric Co of India Ltd —Connaught Place
Indian Radio Corporation Ltd -11, Chandni Chowk, Delhi 6
Indiatone Radios Ltd —Subzimandi
Jai Hind Radio Co —Fatehpur, Church Mansion Road, Chandni Chowk, Delhi
Jay Ray Radio and General Stores - Lady Hardinge Road, New Delhi
Modern Music and Electric Stores —Esplanade Road, Delhi
National Service Corporation —Kashmere Gate, Delhi
New Radio Service —Baird Road, New Delhi

Oriental Radio Corporation —D Block, Connaught Place, P O Box No 371, New Delhi

Philips Electrical Co (India), Ltd —Daryaganj

Radio Centre —Opp Clock Tower, Chandni Chowk, Delhi 6

Sharma Electric and Radio House —Kinari Bazar, Delhi

Simla Trading Corporation (India), Ltd —Connaught Circus

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UNIVERSAL RADIO CO —Head Office Chandni Chowk, Delhi 6, Ranee Building, Prarthana Samaj, Bombay 4 3/2, Madan Street, Calcutta 13 Grams "UNRACO" al offices

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Style —13/E, Connaught Place, New Delhi

READY MADE CLOTH DEALERS

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Glamour —20/F Connaught Place, New Delhi

ROY BROTHERS (CHEAPJOHN) LTD —Drapers & Tailors, Queensway, New Delhi

Style —13 E Connaught Place, New Delhi Phone No 42072

REFRIGERATION & AIR-CONDITIONING ENGINEERS

Hindustan Refrigeration Stores —2, Faiz Bazar, Delhi

REFRIGERATION EQUIPMENT

HINDUSTAN REFRIGERATION STORES —2, Faiz Bazar, Delhi, Direct Importers & Stockists of Cork, V Belts, Condensing Units, Copper Tubing, Fittings & Spares for refrigeration & Air Conditioning Machinery

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Koolaire Ltd — Queensway, New Delhi

RUBBER GOODS MANUFACTURERS

The Good Year Tyre and Rubber Co of India Ltd —Kashmere Gate, Delhi

P C Khurna Bros —Ballimaram, Chandni Chowk, Delhi

SALTPETRE MERCHANTS

Arjan Dass Gupta & Bros —25, Fatehpur, Delhi

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D S BAWA & CO —14, Bharakhamba Road, New Delhi, Tel Add "BHARAT"—New Delhi Phone 8935

HIMALAYA TRADING CO —Fatehpuri, Delhi 6

J B Norton & Sons Ltd —Kashmere Gate

JOHN TINSON & CO, LTD —54, Queensway, New Delhi

Mahabir Pershad & Sons - Importers & Merchants, Chawri Bazar, Delhi 6

S D Marker & Co —57, Punchkuin Road, New Delhi 2

Sunderson & Co, S N —Naya Bazar, G B Road, Delhi

SAREE MERCHANTS

B LILARAM & SONS (DELHI) —14-15F, Connaught Place, New Delhi Phone 7050

GLAMOUR —20-F, Connaught Place, New Delhi.

HAZARILAL SITARAM RASTOGI —Fancy Sareewale, Near Moti Bazar, Chandni Chowk, Delhi

SCIENTIFIC INSTRUMENT DEALERS

Capital Scientific Instrument Co, Ltd —Faiz Bazar, Daryaganj, Delhi

Empire Scientific & Surgical Co —Naya Bazar, Delhi

Sindsagar (Scientific) Industries —Daryaganj, Delhi 7

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DELHI GARAGE *LIMITED* —Connaught Circus, New Delhi

SHAWL MERCHANTS

Aminchand Jeewanram —771, Chandni Chowk, Delhi

Girwarlal Baijnath —771, Chandni Chowk, Delhi

Hukamchand Bholanath —Moti Bazar, Chandni Chowk, Delhi

Kahanchand & Sons —771, Chandni Chowk, Delhi

Kanshiram Keshoram —771 Chandni Chowk, Delhi

Khazanamal Banwarilal —771, Chandni Chowk, Delhi

Laxmi & Co —Moti Bazar, Chandni Chowk, Delhi

Nagmchand Shori —771 Chandni Chowk, Delhi

Ragopal Krishandev —Moti Bazar Chandni Chowk Delhi

Ramratan Mehra —771, Chandni Chowk Delhi

Vidyaram Satyanaram —Moti Bazar Chandni Chowk, Delhi

SILK AND COTTON MERCHANTS

Ahuja Stores —Chandni Chowk, Delhi

Amritsar Tan Di Hatti —Baird Road New Delhi

Beliram Amernath —Katar Choban, Chandni Chowk, Delhi

Benares House —771, Chandni Chowk, Delhi

Bhagwandas Narainji —Ashrafi Katra Chandni Chowk Delhi

Bishambernath Amernath —Katar Choban Chandni Chowk, Delhi

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Chetram Verma & Co —Ashrafi Katra Chandni Chowk, Delhi

Delhi Silk Store —Chandni Chowk Delhi

Desh Depak —Chandni Chowk, Delhi

Gian Singh Baljit Singh —Katra Subhash Chandni Chowk, Delhi

GLAMOUR —20-F, Connaught Place, New Delhi

Gopalrai Ramkumar —Katar Choban, Chandni Chowk, Delhi

Jankidas & Co —23/1, Connaught Place, New Delhi

J Kimatrai & Co —771 Chandni Chowk Delhi

Khanna Silk Store —Chandni Chowk, Delhi

Kishanchand Chellaram —Chandni Chowk Delhi

Kishandas Khiaram —Chandni Chowk, Delhi

Krishin Kumar Gupta & Co —Katar Ashrafi Chandni Chowk, Delhi

Lahore Silk Store —771, Chandni Chowk, Delhi

Lairo Brothers —Chandni Chowk, Delhi

Lilaram & Sons —Connaught Place, New Delhi

Lokenath & Sons —Connaught Place, New Delhi

Mangaldas Valjee —Katar Choban, Chandni Chowk Delhi

Moondra Brothers —Katar Ashrafi, Chandni Chowk, Delhi

Musdilal Ratanlal —Ashrafi Katra, Chandni Chowk, Delhi

Narainda Vasdev — 771, Chandni Chowk, Delhi

Parsram Dwarkadas —Kattar Choban Chandni Chowk, Delhi

Pindi Silk Store —Chandni Chowk, Delhi

Punjab Silk Store —Nai Sarak Delhi

Rama Brothers —Chandni Chowk, Delhi

Rambuburam Ramkumar —Katar Ashrafi Chandni Chowk, Delhi

Roshanlal Satyapal —Ashrafi Katra, Chandni Chowk, Delhi

Sardar Silk House —771 Chandni Chowk, Delhi

Selection House —Chandni Chowk, Delhi

Silk Glamour —771, Chandni Chowk, Delhi

Sri Ram & Son —771, Chandni Chowk, Delhi

Style —13/E, Connaught Place, New Delhi

Udmiran Phulchand —Katar Ashrafi Chandni Chowk, Delhi

Valiram & Sons —Chandni Chowk, Delhi

Vensimal Firathdas —Chandni Chowk, Delhi

SILK & SAREE SPECIALISTS

GLAMOUR —20-F, Connaught Place, New Delhi

SILVERWARE MERCHANTS

The Novelties Ltd —Scindia House, New Delhi

SOAP FACTORIES

Godrej, Godrej Soaps Ltd —168, Chandni Chowk, Delhi

SPORTS GOODS

Anand Industries —564, Kucha Natwan, Chandni Chowk

British Sports Works —4066, Sir Syed Ahmad Road, behind P O Daryaganj, Delhi

B T Shuttle Cock House —Thana Street Subzimandi, Delhi

"Harisons Uppal" —9577, Bhargarh Roshanara Road, Subzimandi, Delhi

Job & Co —Gali Tantawali Faiz, Bazar, Daryaganj
Khosla Sports Industries —28, Barakhamba Road, New Delhi
Light Way Sports —52, Municipal Market, Connaught Place, New Delhi
Norfolk Syndicate (India) Ltd —Scindia House, Connaught Circus
Northland (India) Ltd —(Opposite Scindia House), Connaught Circus, New Delhi
Ojhasons —Near Clock Tower, Subzimandi
Prince Rose —90, Daryaganj
Rattan & Co —Gali Abdulla Beg, Roshanara Road Subzimandi
Sahaney Suttlecocks House —Ajmal Khan Road, Karol Bagh
S S Balbir & Co (Regd) - Bhargarh, Roshanara Road, Delhi 6
Uberoi Ltd —20 E, Connaught Place, New Delhi
United Sports Traders (Delhi) Ltd —5838, Khaliq Manzil, Thana Street, Subzimandi, Delhi
Uppal & Co —Gali Abdulla Beg, Roshanara Road, Subzimandi
Uppal Sports Ltd —5838, Khaliq Manzil, Thana Street, Subzimandi, Delhi

STATIONERS

Balbir Bros , Ltd —Importers and Merchants of Paper, Stationery, Printing Machinery and other Allied Material, Jama Masjid, Delhi
Jankidas & Co —23/F, Connaught Place, New Delhi
K N Davar & Company —12 L, Connaught Circus, New Delhi Stationers and Printers Phone 43965
New Book Depot —Connaught Place, New Delhi

SUGAR MILLS

J Patel & Co —55, Hanuman Road, New Delhi

SUNDRIES

Jankidas & Co —23/F, Connaught Place, New Delhi
Mittra Pharmacy —Wholesale Chemists and Druggists, Ballimaran Chandni Chowk, Delhi 6

SURGICAL INSTRUMENTS, REPAIRERS & DEALERS

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Mittra Pharmacy —Wholesale Chemists and Druggists, Ballimaran, Chandni Chowk, Delhi 6

SYRUPS

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Edde — N ' Block Piccadilly Buildings Queensway New Delhi
Lal's —L Gopi Nath Block, 22-E, Connaught Place, New Delhi
Style — 13 E, Connaught Place, New Delhi
TREVILLION & CLARK —21-B, Connaught Place, New Delhi

TAILORS AND OUTFITTERS

Agit Tailoring House —Choona Mandi, Pahargunj, New Delhi
Amrit Tailoring House —Choona Mandi, Pahargunj, New Delhi
Brig Tailoring House —Choona Mandi, Pahargunj, New Delhi
B. LILARAM & SONS (DELHI) —14-15/F, Connaught Place, New Delhi Phone 7050
Edde Tailors —Connaught Place, New Delhi
Elite Style Tailors —Connaught Place
Jai Bhart —Pahargunj, Main Bazar, New Delhi
Kailash Tailoring Mart —Behind Imperial Bank, Bissumal Colony, Chandni Chowk, Delhi
Kapur Bros —Faiz Bazar, Daryaganj, Delhi
Kirpa Ram & Bros —Connaught Place, New Delhi
Lachman Dass & Sons —Pahargunj, Main Bazar, New Delhi
Narankari Cloth and Tailoring House —Pahargunj, Main Bazar, New Delhi
Ragho Mull & Sons —Connaught Circus, Delhi
RAJENDRA & CO —Drapers & Tailors, 16-E, Connaught Place, New Delhi
Ranken & Co , Ltd —Scindia House, Delhi
Rashtria Tailoring House —Ajij Building, Choona Mandi, Pahargunj, New Delhi
Rattan Tailors —Main Bazar, Pahargunj, New Delhi
S C Sharma Ltd —Connaught Place, New Delhi
ROY BROTHERS (CHEAP JOHN) LTD —Drapers & Tailors, Queensway, New Delhi
Sham Tailoring House —Choona Mandi, Pahargunj, New Delhi
Sind Sagar Tailors —Main Bazar, Pahargunj, New Delhi
Style —13 E, Connaught Place, New Delhi
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Lipton Ltd —Mori Gate, Delhi
Miller & Co —Connaught Place, Delhi
Mukban & Co — Fountain Area, Chandni Chowk, Delhi

TIMBER MERCHANTS

Burma Timber Traders —Original Road, Delhi
Delhi Timber Supply Co —Katra Burian, Fatehpur, Chandni Chowk, Delhi
Sehgal Timber Co , The —Arora Building, Original Road, Delhi
S Gopal Singh & Sons —Original Road, Delhi
Sita Ram Timber Supply & Wood Works —Katra Baravam, Delhi 6
V Karnail Singh & Co —Original Road, Delhi

TOBACCONISTS

De Luxe Stores —Regal Building Parliament Street New Delhi
Jankidas & Co —23/F Connaught Place, New Delhi

TOILET ARTICLES

Jankidas & Co —23/F, Connaught Place New Delhi
New General Store —4-G, Connaught Circus New Delhi

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B L Ramrichpal —Lothian Road, Kashmere Gate, Delhi
Sunbeam Cottage Industries, 20, Daryaganj, Delhi.

TRANSPORT COMPANIES

Bharat Transport Co —Naya Bazar, Delhi
First National Transport Co —Naya Bazar, Delhi
Goods Transport Co —Naya Bazar, Delhi
Green Bus Ltd —Church Mission Road, Delhi
Ithad Motor Transport Ltd —Fatehpuri, Delhi
Jaggi Oberoi Transport Co —Naya Bazar, Delhi
Jai Motor Transport Co —Naya Bazar, Delhi
Lyallpur Doabi Transport Co —Naya Bazar, Delhi
New Golden Transport Co Ltd —Roshanara Road, Delhi
New India Transport Co Ltd —Roshanara Road, Delhi
Prem Nath Transport Co Ltd —Connaught Circus, Delhi
Ravi Goods Transport Co —Naya Bazar, Delhi
Royal Goods Transport Co —Naya Bazar, Delhi
Simla Hills Transport & Service Ltd —Connaught Circus, Delhi
Vir Bharat Motor Transport Co —Naya Bazar, Delhi

TRAVELLING AGENTS

Beecham's India Air Guide —Beecham's Press Ltd Building, M-Block, M-6, Connaught Circus, New Delhi 1

TRAVELLING REQUISITES

Jankidas & Co —23/F, Connaught Place, New Delhi

TRUNK MFRS. AND DEALERS

Bharat Hardware Mfg Co —Naya Bazar, G B Road, Delhi
Dayal Trunk Factory —Naya Bazar, G B Road, Delhi
General Trunk Manufacturers —Naya Bazar, G B Road, Delhi
Harnamdas Gumanlal.—Naya Bazar, G B Road, Delhi
Isardas Tillaram (of Multan) —Naya Bazar, G B Road, Delhi
Kartarsing & Sons, S (of Rawalpindiwala) —Naya Bazar, G B Road, Delhi
Khalsa Trunk Factory —Naya Bazar, G B Road, Delhi
Lajpatrai (Lahorewala) —Naya Bazar, G B Road, Delhi
L Chanuram Vazirchand —Naya Bazar, G B Road, Delhi
Lunidaram Mulchand.—Naya Bazar, G B Road, Delhi
National Trunk Factory —Naya Bazar, G B Road, Delhi
Quetta Steel Trunk Factory —Naya Bazar, G B Road, Delhi
Ramlal Banarsilal —Naya Bazar, G B Road, Delhi
Sardar Fateh Singh Harnamsing (Lyallpurwala) —Naya Bazar, G B Road, Delhi
Sardar Gulabsing Ramsingh —Naya Bazar, G B Road, Delhi
Seth Gandaram Basantlal —Naya Bazar, G B Road, Delhi
Sham Singh (of Jhelum) —Naya Bazar, G B Road, Delhi
Western Vijay Industries Co-op Society Ltd —Naya Bazar, G B Road, Delhi

TYPE MANUFACTURERS AND DEALERS

National Type Foundry —Jama Masjid Area, Delhi
Standard Type Foundry —Chawri Bazar, Delhi

WASHING AND DYEING COMPANIES

ECLIPSE DRY CLEANING CO —Next to Spencers, New Delhi Eclipse for those who prefer the best Dry Cleaning Company.
Friends Dyers and Dry Cleaners —Pahargunj, Main Bazar, New Delhi
Klenwel —Connaught Circus, New Delhi
Multan Fancy Laundry (of Multan) —Lahori Gate, G B Road, Delhi
Novex —Connaught Place, New Delhi
Paris Laundry —Multani Dhanda, Pahargunj, New Delhi
Snow White —Connaught Place, New Delhi
Victoria Dry Cleaners —Punchquin Road, Regal Building, New Delhi
Whiteways, The —Faiz Bazar, Daryaganj, Delhi
Young Dyeing Co —Punchquin Road, Regal Building, New Delhi

WATCH MAKERS

Kapur Di Hatti —Connaught Place, near Odeon, New Delhi

WATCHES AND CLOCKS DEALERS

American Watch Co —Kashmere Gate, Delhi
Balkishindas & Sons —Chandni Chowk, Delhi
British Watch Agency —Fatehpur, Church Mansion, Chandni Chowk, Delhi
Bukshiram & Sons —Chandni Chowk, Delhi
English Watch Co (India), The —Bhagirath Palace, Chandni Chowk, Delhi
Imperial Watch House —771, Chandni Chowk, Delhi
Kapadia & Co —Connaught Place, New Delhi
Krishna Watch Co —Pahargunj, Main Bazar, New Delhi
Lakshminarain & Co —Chandni Chowk, Delhi

NEW FRIEND & CO., LTD.,
(Since 1894)
Chandni Chowk, Delhi
Importers of Watches & Clocks
Grams "NEWFRIEND" Phone 6382

Premier Watch Co —Chandni Chowk, Delhi
Puranchand & Co —Chandni Chowk Delhi
Pyaralall Watch Co —Chandni Chowk, Delhi
Singer Watch Co —Chandni Chowk Delhi
Singha Watch Co —Pahargunj, Main Bazar, New Delhi
Swastik Watch Co —Chandni Chowk, Delhi
Union Watch Co —Chandni Chowk, Delhi

WEIGHING SCALES IMPORTERS & DEALERS

Herben Ltd —N 79, Connaught Circus, New Delhi

WINE MERCHANTS

EMPIRE STORES —Wine & General Merchants, Chemists & Druggists Head Office Connaught Place, New Delhi Branches Prithvi Raj Lane, D G Club, New Delhi, Delhi Cantt & The Mall, Simla
J Diesh & Co —Baird Road, New Delhi
MOHAN BROTHERS.—3, Sadar Thana Road, Delhi 6
Phipson & Co Ltd —Connaught Circus, New Delhi
Spencer & Co Ltd —Connaught Circus, New Delhi

WOOLLEN MILLS

Oriental Carpet Manufacturers (India) Ltd —Connaught Place, New Delhi

WOOLLEN PIECE-GOODS

Amarnath Talwar —Katra Subhash, Chandni Chowk, Delhi
Glamour —20/F, Connaught Place, New Delhi
Gulraj Babulal —Hiralal Katra, Chandni Chowk, Delhi
Jankidas & Co —23/F, Connaught Place, New Delhi
Joti Persad Bheshmdas —Kartar Choban, Chandni Chowk, Delhi
Kashmir Svadeshi Store —771, Chandni Chowk, Delhi
Kundanlal Girdharilal —Katar Choban, Chandni Chowk, Delhi
Lakhmichand Matwalchand —Katra Subhash, Chandni Chowk, Delhi
Lalimli Woollen Mills Depot —Nai Sarak, Delhi
Mamman Lal —Pahargunj, Main Bazar, New Delhi
Ragubeer Sharan Rakess Kumar —771, Chandni Chowk, Delhi
Royal Stores —Lady Hardinge Road, New Delhi
S Bahadur Bros —771, Chandni Chowk, Delhi
Style —13 E, Connaught Place, New Delhi

X-RAY AND ELECTRO-MEDICAL EQUIPMENTS

Escorts (Agents) Ltd —Pratap Building, Connaught Circus, Post Box No 187, New Delhi

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FOREIGN POSSESSIONS IN INDIA

FRANCE and Portugal are now the only remaining European powers with territorial interests in India after the withdrawal of the British

FRENCH SETTLEMENTS

Area 200 sq miles Pop 323,295 (1941) Capital Pondicherry, Commissioner of Republic M A Menard

The French establishments in India are

(1) On the Coromandel Coast (*a*) Pondicherry the capital, together with the adjoining territory, divided into 8 communes, (*b*) Karikal and the dependent districts divided into 6 communes

(2) On the coast of Orissa Yanam with the dependent villages the lodge of Masulipatam and the garden Francepeth,

(3) On the Malabar Coast Mahé with the adjoining territory and the lodge of Calicut

The French possessions are ruled by a Commissioner of the Republic, appointed directly by the French Government and is guided by the French India Representative Assembly The Assembly has not much powers and its decisions can be overruled by the Commissioner

Chandernagore in West Bengal is the first French India possession to become *de jure* a part of the Indian Union after the treaty for its cession, signed in Paris in 1951 by the representatives of the two Governments The Treaty was ratified by the French Assembly on April 11 1952

Negotiations in regard to the transfer of other French Indian possessions in south India have not yet reached a conclusive stage despite repeated efforts of the Indian Government to expedite a settlement *

On a suggestion of the French Government the International Court of Justice appointed three neutral observers two European and one Asian to study conditions in the French Settlements in India and report back to the Court on the question of the feasibility of holding a referendum

The observers mission was to report whether conditions existed for a fair and free plebiscite in the French settlements According to the Indian Government the team reported that these conditions did not yet exist

COMMERCE AND INDUSTRIES

Domestic commerce is insignificant as the area is too small The chief crops are rice groundnuts, peas, lentils vetches, onions and other vegetables, betel, indigo sugarcane, bananas and other fruits coconuts and oleaginous grams The major portion of these products is consumed in the districts themselves the only markets being the towns of Pondicherry, Karikal, Yanam, Mahé

The chief exports are oil seeds which are sent from the ports of Pondicherry and Karikal The imports are mainly manufactured goods, textiles and luxury articles from France and the countries of Europe

There are at Pondicherry 3 cotton mills The cotton mills have in all about 2,000 looms and 86,000 spindles giving employment to some 7,000 people Besides these there is one oil factory, several oil presses for groundnuts and one ice factory

The only bank is La Banque D Indochine which caters for the needs of merchants and traders in the locality

The Customs Union which was established as a result of negotiations with the Government of India in 1941 expired in 1948 and has so far not been renewed

A railway line connects Pondicherry with Villupuram, a junction on the Southern Railway

At Pondicherry alone, there are at present, besides the Law School, and the Medical College, one undenominational college for higher education, one secondary school, 5 public institutions for higher primary education, four schools preparing students for English examinations, fifteen public schools for boys, eighteen public schools for girls and twenty nine co educational all imparting primary education

PONDICHERRY

Area 115 sq miles Population 235 000 (estimate)

Pondicherry is the chief of the French settlements in India and its capital is the seat of the Government The city is situated in the district of South Arcot in Madras State, about 89 miles from Madras

There is no harbour but only a roadstead which is the best on the entire coast Ships lie at a distance from the shore and contact with land is maintained by means of the usual *masula* boats peculiar to this part of South India

KARIKAL

Karikal is situated in the Tanjore District and consists of a single tract of territory stretching along the east coast between Tranquebar and Nagore It is at a distance of 90 miles from Pondicherry It covers an area of 53 sq miles and is divided into 6 communes containing 110 villages The establishment has a population of 60 755, according to the 1941 census Karikal is the terminus of a line from Paralam on the Tanjore District Railway

YANAM

The town is situated in the delta of the Godavari covering an area of 5 miles and is an enclave of the District of Godavari in Andhra State The soil is fertile, and supports a population of 5 711

MAHÉ

The territory of Mahé on the west coast consists of the town of Mahé on the left bank of the river of the same name and the isolated district of Nalutara on the right bank containing the 4 villages of Chambara Chalakara Palour and Pandaquel It lies within the District of Malabar in Madras State, and covers an area of 26 sq miles

The present population is estimated at 22 000 Rice is grown where water is plentiful

ADMINISTRATIVE PERSONNEL

Commissioner of Republic M A Menard
General Secretary M C J Camoullly
Chief Secretary M J Bellat
Chief Justice M Ch Callier
Chief of Education Department M Sivaradjam
Chief of Public Works Department Pierre Coll
Chief of Political Affairs Office K Loganadin
Chief of Economic Affairs Pierre Kresser
Administrator of Mahé M Pascal
Administrator of Karikal Rene Boucheny

PORTUGUESE SETTLEMENTS

Area 1,537 sq miles Pop 624 177 (1941) Capital Cidade de Goa, Governor General General Paulo Benard Guedes

ADMINISTRATIVE OFFICIALS

Governor-General, General Paulo Benard Guedes
Commander in Chief (*Comandante Militar*), Colonel Alexandre dos Santos Mayer
Elected Members of the Governor's Council (*Conselho do Governo*), Vitola Visnum Sinai Dempó, Dr José Luis Marcos de Silva Pereira, Adv Antonio Avelar Barreto, Vassudeva Atmarama Porobo Dessai Desporobo
Governor of Daman, Capt Paulino de Magalhaes Correia
Governor of Diu Capt Paiva Couceiro
H E the Patriarch of East Indies, D Jose da Costa Nunes
Indian Consul General in Nova Goa, Vincent H Coelho
Vice-Consul for Goa G A Prabhu
Supdt Indian Union Customs Office, Marmugao Harbour, G M Murdeshwar

The Portuguese settlements in India are three Goa Daman Diu

All the three settlements are situated within the State of Bombay Goa is on the Konkan Coast Daman along with the small territory of Pragana Nagar Avely lies on the Gujarat coast at the entrance to the Gulf of Cambay and Diu is a tiny islet and along with the isolated spots Gogola and Simbor lies on the southern fringe of the Saurashtra peninsula

GOVERNMENT

The Governor General is the head of the administration and is stationed in the capital Cidade de Goa formerly known as Nova Goa and also Panjim

Associated in the task of government is the *Conselho do Governo* possessing restricted legislative and advisory powers The Governor-General is its *ex officio* president Five members are elected by means of a very exclusive franchise, three to represent the *Velhas Conquistas*, one the *Novas Conquistas* and one the districts of Daman and Diu Five others are nominated to represent the minorities, agriculture, commerce and the press

Daman and Diu have each a District Governor

In each district there is a District Council for the supervision of the various municipalities and other local bodies in its jurisdiction For administrative purposes the district is divided into *Concelhos* each *Concelho* being in the charge of an official styled the *Administrador* and for judicial purposes it is divided into circuits or *Comarcas* each having its own court of original jurisdiction

An appeal lies from the decisions of these courts to the *Tribunal de Relacao* or High Court sitting in the capital and side by side with the latter there is also a *Tribunal Administrativo* to dispense justice under *droit administratif*

A striking feature of the rural administration is the continuance of the ancient Indian institution of the village community which has disappeared elsewhere in India In places where the resistance to Portuguese domination has continued almost to our own day, as in the southern communes of Goa, Assolna, Cuncolim and Velim, the village communities were suppressed and their estates confiscated by the Government

The village community is an autonomous institution, socialist in its organization under which land is held in common by the original settlers of the village here called the *Gaunkares*, thus preventing concentration of land in the hands of a few and promoting a rough equality, while preventing the domination by privileged few The management is vested in a committee elected by the constituents

The advent of Dr Oliveira Salazar to power and the establishment of his *Estado Novo* has led to increasing centralization in the administration of Portuguese India All measures of importance must be initiated by and carry the sanction of the home government in Lisbon The Governor's Council, *Conselho do Governo* which assists him was shorn of what little legislative powers it formerly possessed There are no elected municipalities and local boards in the villages Each municipality is in charge of an administrative committee nominated by the Governor General, who also appoints the presidents of all charitable and cultural associations in the country

* A conference between the Government of India and the French Government started in Paris on May 15, 1954 to settle the future of the French possessions in India

A stringent censorship controls the freedom of the press, and every article, book or pamphlet has to be submitted to the board of censors before it appears in print Infringements of the press laws are severely dealt with and newspapers are required to keep security deposits with the Government before being licensed for publication

Freedom of association is likewise controlled No public meeting or assembly, be its purpose ever so innocuous, may be convened without previous permission of the authorities, and every intended talk and speech must bear the censor's visa

COMMERCE AND INDUSTRIES

The chief agricultural products of Goa are rice, coconuts cashew-nuts, betel nuts, mangoes and sugar cane Of these only cashew nuts betel nuts coconuts and mangoes are exported in any considerable quantities the rice grown not being sufficient for local consumption Other exports include copra, bamboos salt salt fish and manganese and iron ore The only industries worthy of note are soap manufacture, tile manufacture sugar and tinned food products and jaggery The imports consist of rice, textiles and other manufactured goods, an unrestricted supply of which is just now available owing to the uneven situation created by the currency export regulations in force in the Indian Union, there being no such regulations in Portuguese India

For the last four years, the iron and the manganese mining industry has made rapid headway and Goa now is in a position to export one million tons of iron ore and 150 000 tons of manganese ore These two industries bring in a sum of Rs 5 crores in American dollars

Businessmen and industrialists from all over India have been attracted to Goa and a lot of Indian capital has been invested because of the high returns which these mines are yielding

Most of the trade of Portuguese India is with the Indian Union Pakistan, Portugal Portuguese African colonies and the countries of Europe

There are no banks operating in Portuguese territory with the exception of the Banco Nacional Ultramarino which has offices in the major towns No Indian bank can open branches in Goa as the Banco Nacional has a monopoly The Indian Government compelled the Portuguese Bank to close its branch in Bombay because Indian banks were not allowed to trade in Goa

A railway line maintained and run by the West of India Portuguese Guaranteed Railway Company, once a subsidiary of the Madras and Southern Mahratta Railway, joins the port of Mormugao with the junction of Londa on the Southern Railway It fulfils a very important role by providing an outlet to the sea for the products of this part of the Mahratta country

Mormugao, which is the chief port is also one of the major ports on the west coast of India and is open to ocean going vessels of every size from all parts of the world

EDUCATION AND CULTURE

Primary education is free and compulsory in schools maintained by the State of which there is at least one in every village There are at present some 200 primary schools controlled and administered by a Board of Primary Education, *Conselho da Instrucacao Primaria* with offices in the capital

In Cidade de Goa there is a Lyceum for the study of Portuguese a Normal School and a Medical School

A Theological Seminary trains young men for the priesthood at Rachol

Over and above these there are a number of English teaching High Schools run by private enterprise and by religious orders preparing students for the S S C examination of the Bombay Government and the Entrance Examination of the University of Bombay

The *Bibliotheca Nacional* houses what is perhaps one of the best libraries of rare books and manuscripts on the west coast of India while the *Arquivo* contain an inexhaustible wealth of hitherto unexplored historical material

DAMAN

Daman in Gujarat includes the two isolated enclaves of *Dras* and *Pragana Nagar Avely*, lying to the south east and crossed by the Daman Ganga river

The entire territory has a total area of 62 square miles and a population o some 60,000 inhabitants mostly of Gujarati extraction

It is easily reached from Bombay by the Western Railway, being at a distance of 1½ hours journey

There are some very interesting historical relics here such as the old fort and a few surviving churches reminiscent of the old times

DIU

About 150 miles to the north west of Daman lies the tiny islet of Diu off the southern coast of Saurashtra It is a small town separated from the mainland by a narrow arm of the sea Dependent on it and surrounded by the territory of Junagadh is the enclave of Gogola and also the island and fort of Pani Cota in the bay of Simbor

Diu is reached from Bombay by the Western Railway *via* Viramgam and Delwada Access by sea is easier and more rapid but there is no harbour There is an excellent roadstead where ships can safely anchor in two fathoms of water

Area 413 sq miles The population is estimated at 19 731

PRO-MERGER MOVEMENT

A movement for the merger of foreign possessions in India without a referendum particularly in the French settlements started in March 1954 On the 18th of that month resolutions were passed demanding immediate merger in eight municipalities of Pondicherry Some days later similar resolutions were passed by the six municipalities of Karikal The resolutions obtained the full support of the French Indian Councillors (Ministers) and the President of the Representative Assembly

The municipalities that passed these resolutions comprise nearly 90 per cent of the population Telegrams were sent to the President of the French Republic members of the French Cabinet and Presidents of the National Assembly and the Senate

Mass demonstrations occurred followed by counter measures by the French authorities and trespass into Indian territory by the French police In the western areas of Pondicherry – Nettapakkam and parts of Bahour the pro merger parties obtained effective power

Three measures were adopted by the Indian Government to prevent trespass 1 A total ban on the passage of French police across Indian territory to any part of the French possessions, 2 A ban on petrol supplies from India to French possessions 3 Introduction of a permit system to regulate traffic to and from Pondicherry and Karikal

The Indian Government proposed an immediate de facto transfer of French possessions leaving constitutional and other matters to be settled later The French reply was that under the French constitution no transfer of French territory was possible without the consent of the people though a sort of Condominium might be acceptable

The arrest and deportation of a medical practitioner in Goa led to agitation and consequent repression by the Portuguese authorities The Government of India delivered a diplomatic protest note in which the Government said that they could not remain a silent spectator to the repression of the Goan people The protest was rejected by the Portuguese authorities

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GOA

Capital Cidade de Goa (Panjim) Area 1 062 sq miles Pop 544 450 (estimate)

A compact block of territory belonging to the Portuguese on the west coast of India, Goa lies between 14°53′ and 15°48′ north latitude and 73°45 and 74°24′ east longitude The territory of Goa is bounded on the north by the river Terekhol, on the east by the Western Ghats on the south by North Kanara and on the west by the Arabian Sea The extreme length from north to south is 62 miles, the greatest breadth from east to west 40 miles The area is 1,062 sq miles

The whole country is hilly, especially in the eastern portion, the predominating physical feature being the Western Ghats There are several conspicuous isolated peaks, the highest of which is Sonsogad, which exceeds 4,000 feet in height

Goa is intersected by several rivers running westward from the Ghats and six of them, which are all navigable, are of great importance They are from north to south, the Terekhol (10 miles), Chapora (18 miles), Mandovi (38 miles), Zuari (39 miles), Sal (15 miles) and Talpona (7 miles)

Though Konkani is the spoken language of all Goans, Marathi is the literary language of the Hindus Portuguese is also widely used

GOVERNMENT

Portuguese India is ruled by a Governor General, and assisting him in the administration are the Home and Political, Finance, Customs, Education, Military, Naval, Agriculture, Health and Public Works Secretariats There are also three special and autonomous departments *viz*, Posts & Telegraphs, Survey Department and the Fiscal Department of the W I P Railway Working in collaboration with the Governor General is the Council (Conselho do Governo), with legislative and advisory powers The Council consists, in addition to the Governor-General, of an ex-officio President, four officials, five elected members and five members nominated by the Governor-General to represent agriculture, commerce, the Press, minorities and other interests

There is a High Court at Cidade de Goa with five Judges and one Attorney General, and Courts of Justice at Panjim, Margao, Mapuca, Bicholim, Quepem and Daman, and Municipal Courts of Justice at Vasco-da-Gama, Ponda, Diu and Nagaravali

There is an Indian Consulate-General in Goa to look after the interests of Indian subjects in Goa and other parts of Portuguese India A vice consulate has been opened at Vasco

The important towns in the territory of Goa are Panjim, Old Goa, Vasco da Gama, Margao, Mapuca, Valpoi, Sanvordem, Bicholim, Ponda, Sanguem Sanquelim, Pernem, Quepem and Canacona The two most important harbours are Marmugao and Cidade de Goa There are smaller ports at the mouths of rivers, *viz*, Chapora, Betul and Talpona.

Mormugao is accessible at all times of the year and is therefore the harbour of the greatest commercial importance in the whole territory It is the terminus of the West of India Portuguese Guaranteed Railway (W I P) running to the coast from the eastern portions of the territory and linked with the Indian railway system at Castle Rock It is a natural outlet to the sea for the whole area served by the Southern Railway and provides the shortest route both for passenger and goods traffic to the sea The port is provided with light houses, buoys and all other necessary marks The port has also a fine breakwater and its quay-wall exceeds a height of 1,000 ft The harbour can accommodate six large ocean-going steamers at a time There are a number of electric cranes for loading and unloading purposes, in addition to one 30-ton steam crane specially erected for dealing with heavy lifts There are also suitable covered godowns owned by the Railway Company and the Port Trust which are used for storing seed cargo, minerals, etc The godown rent is comparatively cheap with the result that shipments of oilseeds are effected on a larger scale from Mormugao than ever before

The extension of the port of Marmugao has now been taken in hand

Cidade de Goa, the capital of Goa and a fine port, lies at the mouth of the Mandovi river, and includes Panjim and Ribandar It is the present capital of Goa territory and the seat of the Governor General Panjim is the most beautiful city in the whole of Goa, and has been undergoing many remarkable improvements in recent years, notable amongst which is the provision of electricity There is a regular coastal steamer service between Panjim and Bombay during the summer months, and motor service between Panjim and Belgaum A regular service of steam launches and motor boats managed by the Goa Government runs between Panjim and Betim-Verem and other important places on river banks

The city possesses up-to-date hotels such as Mira Mar and Hotel Republica managed by Europeans, and Madhavashrama, Gujarat Hindu Lodge, etc, managed by Hindus

Vasco da Gama is the chief town of Marmugao District and also a railway, air and wireless station It is a halting place for Tata's Bombay-Trivandrum Air Service and has a fine aerodrome on the headland adjacent to Mormugao harbour There is regular air service between Bombay and Goa

There are also very big oil installations of the Standard-Vacuum Oil Company of New York, the Burmah Shell Oil Storage and Distributing Company (India) Ltd, and the Caltex (India) Ltd in the town The railway station is the most important on the whole of the W I P Railway and the town contains railway workshops, engine sheds and an electric power house Mormugao harbour is only two miles away from the city

Margao is a flourishing city in the Salsette District and a great trading centre Recent amenities are a municipal garden library, cricket ground

Mapuca is situated in the heart of the Bardez District and is the District's chief town It has a large trade with all the villages in Bardez, Pernem and Bicholim Districts The market which is very crowded on Fridays, is situated at the foot of a hill

Valpoi is a small town at the centre of the Satari District and an important military station in Portuguese India The town also contains an observatory

Sanvordem in Quepem Taluka is sixteen miles away from Margao and is a well known commercial place Most of Goan mineral produce is stored at this station before it is shipped to the United Kingdom and Continental Ports *via* Mormugao Harbour There are two big rice mills which are able to supply rice to adjacent towns and there is also a tile factory The place has a small harbour, and a regular steam launch service runs between Sanvordem and Cidade de Goa touching all the smaller interior ports A crowded fair is held every Sunday, which enables the villagers to get their weekly provisions

COMMUNICATIONS

A railway line connects Mormugao harbour with the Southern Railway Its length from Mormugao harbour to Castle Rock above the Ghats where it joins the Indian Union railway system is fifty one miles, of which forty-nine miles are in Portuguese territory The Railway is under the management of the Southern Railway, and the bulk of the trade of Mormugao Port consists of what is carried by this railway The West of India Portuguese Guaranteed Railway (W I P Railway) has recently been yielding handsome profits sufficient not only to pay the guaranteed rate of interest but also to leave a surplus which is paid regularly into the Lisbon Treasury

There are steam launch services from D Paula to Mormugao and Vasco da Gama, Panjim to Sanvordem, Panjim to Betim-Verem, Panjim to Piligao-Volvoi, and from Panjim to Aldona

The telegraphs in Portuguese Territories are worked as a separate system from that of India

There is a proposal to link principal cities by telephone

The Goa Government has also started an experimental Radio Station which conducts its weekly programmes with the help of local artistes

AGRICULTURE, MINERALS

A little over one-third of the entire territory of Goa is under cultivation The fertility of the soil varies considerably with quality, situation and water supply The staple produce of the country is rice, of which there are two good harvests, but the quantity produced is barely sufficient to meet the needs of the population for two thirds of the year Next to rice, the most important agricultural pursuit is the cultivation of coconut palms Hilly places and inferior soils are set apart for the cultivation of cereals Fruit and vegetables of several kinds are also cultivated Goa mangoes are very delicious and are in great demand in Bombay and other Indian markets Large quantities are exported to Europe every year from Bombay Port The mango season in Goa falls in April and May, although some of the varieties are available in June also Of all the varieties the best ones are "Malcorada" and "Alphonso" which have excellent flavour and taste Other important varieties of Goa Mangoes are "Xavier" "Fernandina", "Colaco", "Malguesa", "Costa", "Pairi" and "Monserrate" The mango harvest begins with "Malcorada" and ends with "Monserrate"

Some agricultural farms have recently been established.

The forests of Goa, located in the Novas Conquistas, cover an area of 116 square miles, and yield some revenue to the Government by the local sale of building material and the export of firewood

Iron is found in some parts of the territory, but has not been regularly mined in spite of heavy demand from Continental ports. High Grade manganese ore also exists in Sanguem District Till lately only a few mines were working, the ore being exported to the Continental and United Kingdom ports At present there is a heavy demand for high grade manganese ore and more than 95 mines are worked on the initiative of Indian business men.

A company has started mining operations with a capital of Rs 2 crores Exports of ore have increased

The export figures of both, the manganese and iron ore are going up The export of these commodities to hard currency areas have greatly favoured the local Government to obtain Dollars in exchange which is mostly utilised in imports of Foodstuffs

INDUSTRIES

There is not much industry worth speaking of though Government encouragement is not lacking Some industries which have recently been established are soap, sugar, candle, confectionery and ice

Goa's trade is chiefly a transit trade from the Indian Union It comprises iron ores, scrap iron, pig iron, groundnut seeds, linseed, cotton seed, castor seed, cotton, oilcakes, salt, mangoes, betel nuts, dry fish and cashew nuts The last are the most important among the produce exported Two notable imports are tiles and timber The need in tiles of the whole southern Maratha country is supplied *via* the port of Marmugao These come in large quantities from Mangalore and are re exported Some tiles are manufactured at Sanvordem in Goa territory, but the territory as a whole is dependent chiefly on imports from outside In the same way though Goa has some forest timber has to be imported from North Kanara and Dharwar Districts The forests of Goa are yet to be properly exploited A match factory on modern lines has been started in Havelli, Ponda District of Goa

EDUCATION

There is a big demand for English education in Goa as a result of which it has as many as 20 High Schools recognized by the Bombay University These High Schools impart education on the same lines as in Bombay State The Portuguese Primary Schools which are scattered all over the territory are well attended as every student has compulsorily to pass the first primary examination before joining an English school There are over 250 Marathi Schools financed from private funds

Three new technical schools have been started

EDUCATIONAL INSTITUTIONS

Central Liceum, Cidade de Goa
Escola Medica de Goa (Medical College), Panjim
Anglo Portuguese Institute, Mapuca
Catholic Educational Institute, Margao
Adarsha Vanita Vidyalaya, Margao
New Era High School, Margao

PUBLIC INSTITUTIONS, SOCIETIES

Shri Damodar Vidyalaya, Margao
Samaj Seva Sangh, Margao
Seva Samithi, Margao
Service League, Margao
Mahila Mandal, Margao
Santa Casa de Misericordia Panjim
Saraswat Brahmin Samaj, Margao

LIBRARIES, READING ROOMS

Public Library Cidade de Goa
Biblioteca Nacional, Panjim
Saraswati Mandir, Panjim
People's Public Library, Vasco da Gama
Saraswat Brahmin Samaj Library and Reading Rooms, Margao

HOSPITALS

Government Central Hospital, Cidade de Goa
Santa Casa de Misericordia Hospital, Ribandar
Hospicio de Sagrado Coracao de Maria Hospital and Sanatorium, Margao

HOTELS

Hotel Antigo Palacio (European style), managed by Spencer & Co, Marmugao
Lobo's Hotel, Marmugao
Hotel Republic, Margao, Nova Goa and Mapuca (European style)
Hotel Mira Mar, Nova Goa (European style)
Gujarath Hindu Lodge, Goa (Hindu style)
Goa Guest House, Margao
Bhats' Hotel, Margao

CLUBS

Club Vasco da Gama, Cidade de Goa
Club A B C, Margao (Goa)
Club Nacional, Cidade de Goa
Gremio Literario, Vasco da Gama

OFFICIALS

CIVIL ADMINISTRATOR'S OFFICE, GOA

Director, Domingos Carneiro Allen

PUBLIC WORKS DEPARTMENT, GOA

Director, Abilio Andriano Aires

MOTOR DEPARTMENT, GOA

President, Sebastio Domingos

PUBLIC EDUCATION DEPARTMENT

Chief Secretary, Alvaro Ribeiro

POSTS & TELEGRAPHS DEPARTMENT

Director, Jose Alves de Oliveira Chaves
Deputy Director, Siva Fotu Poi Anglo

SOUTHERN RAILWAY & W I P RAILWAY DEPARTMENTS (MARMUGAO PORT)

Harbour Master, G C I de Souza, R I N R
Dredging Master, A Alwyn
Berthing Master, Vacant
Harbour Traffic Superintendent, G N Nair
District Engineer & Joint Representative, M B Patel
Wharf Inspector, D A S R Coelho
Handling Inspector, A S Kamath

GOVERNMENT AGRICULTURAL OFFICE, GOA

Chief, Eng Antonio F Coelho Madureira

GOVERNMENT PRESS, GOA

Administrator M Campos Lobo

FISCAL DIRECTOR'S OFFICE

Chief, Eng Antonio de Serpa Pinto Monteiro
Asstt, R M Adwalparcar

GOA POSTAL SAVINGS BANK

Administrator, Antonio Jose Lopes
Departmental Heads, Ananta Poi Cano, Sripada Sinai Quensori, Aluizio Silverio Viegas

REVENUE & ACCOUNTS DEPARTMENT

Director, Veriato Wolfgango Pereira de Macedo

HEALTH DEPARTMENT

Director of Health & Hygiene Armando Jose de Oliveira Madeira

CUSTOMS DEPARTMENT

Commissioner, Joaquim Augusto Pereira do Paco
Marmugao Director, N V S Nogorcencar
Assistant, Ananta R P Loundo
Colem Chief, Albino Antonio S Pinto

GOA GOVERNMENT ADMINISTRATORS OFFICES

Nova Goa Office Administrator, J F de Miranda
Margao Office Administrator, Francisco Monte de Silva Miranda
Mapuca Office Administrator, Antonio da Cunha Gomes
Marmugao Office Administrator I M Conderc Pereira
Quepem Office Administrator, Joaquim Filipe Colaco
Sanguem Office Administrator, Francisco Carlos Duarte
Canacona Office Administrator, Bras Barreto
Ponda Office Administrator, Antonio G Narciso Pereira
Bicholim Office Administrator, Constancio Roque Monteiro
Pernem Office Administrator, Matias M E de Lemos
Satari Office Administrator, Augusto Emilio de Spinola

JUDICIAL DEPARTMENT

High Court Judges

President, Carlso Renato Gonsalves Pereira
Judges, Dr Antonio de Abreu Lobo, Alberto de Silva Basto, Dr Antonio Carrica de Graca Miranda

Courts	*Judges*
Nova Goa	Dr Jose Gracias
Marmugao	Dr Joao Colas
Salcete	A Seabra
Quepem	Dr Alvaro Colaco
Ponda	Dr Floriano Barreto
Bicholim	Dr Jose de Gudros
Damao	Dr Alvaro Dias

MUNICIPALITIES

Municipalities	*Presidents*
Goa	Luis Pinto dos Santos Cardoso
Mapuca	Antonio Pinto do Rosario
Margao	Armando Alvares
Mormugao	Antonio de Serpa Pinto Monteiro
Bardez	Dr Antonio do Pinto do Rosario
Salcete	Dr Alvaro Loyola Furtado
Ponda	Antonio Gregorio Narciso Pereira
Sanguem	Francisco Carlos Duarte
Quepem	Euclides Cotta
Canacona	Filipe Neri F B J Braz Barreto
Bicholim	Dr Constancio Roque Monteiro
Pernem	Dr Matias Esperanca de Lemos
Satari	Augusto Emilio de Spinola
Damao	Dr Antonio Peregrino Mascarenhas
Diu	Dr Julio de Brito
Nagar-Aveli	Cap Virgilio Fidalgo

POLICE DEPARTMENT

Commander, F de Costa Revez Romba

RATIONING DEPARTMENT

President, Joaquim de Souza e Menezes

OTHER OFFICIALS

Dir, Goa Govt Medical College, Dr J M Pacheco de Figueredo
Capt of Ports, A D Maraes Serrao

TRADES AND PROFESSIONS

BAKERS & CONFECTIONERS

PADARIA NACIONAL
Post Box No 144
MARGAO, GOA
Tel Address SIANHOUSE
(*Props* JOHN DESOUZA & IRMAOS)
Importers General Merchants, Bakers and High Class Confectioners

Interested in Wheat flour Semolina Sugar Food grains General Machinery and Machinery allied to Bakery and everything concerned with modern Bakery and Confectionery Leading Suppliers of First Class Biscuits and Breads all over Goa

BANKS & BANKERS

Banco Nacional Ultramarino (Established 1864), Incorporated in Portugal Head Office Lisbon Branch Office Cidade de Goa Sub Branches Margao and Mormugao Correspondent at Mapuca
Sawkar I D & Brothers, Mapuca Goa

BOOKSELLERS & STATIONERS

A J Pai Vasco da Gama
Arthur & Viegas, Cidade de Goa
Bala Bhagwant Joshi Cidade de Goa
Balaji Ramdas Keni Margao
Casa Hind Margao
Cardoso Book Depot Margao
Gomantak Book Depot, Cidade de Goa
Hindu Book Depot, Margao
House of Good Books Sunshine Building Margao (Goa)
J B Mascarenhas Vasco da Gama
Janardhan Purushottam Bhobe, Mapuca
Kavlekar Book Depot Mapuca
Livraria Academica Cidade de Goa
Livraria Margalhao Margao
Livraria Singbal, Cidade de Goa
Nevrenkar Book Depot, Margao
S G Kantak & Sons Vasco da Gama
Sarmalkar Book Depot, Cidade de Goa
Shri Mangesh Agency, Vasco da Gama
Shri Mangesh Agency, Margao
Shri Mangesh Book Depot, Margao

CHEMISTS & DRUGGISTS

Cosme Matias Menezes Nova Goa Margao and Mapuca
Drogaria Andrade & Sa Nova Goa and Margao
Drogaria Arvind (Prop Nana Sirdesai), Sunshine Bldgs, Margao
Drogaria Central Nova Goa
Drogaria Luis de Menezes, Mapuca
Drogaria Luso Indiana, Nova Goa
Drogaria Menezes & Cia, Nova Goa, Mapuca and Margao
Drogaria Ruar, Sunshine Building, Margao (Goa)
Drogaria, Salcette, Margao

CINEMAS

Cine Olympia Margao
Cine Rex Margao
Cine Teatro Nacional Nova Goa
Cine Vasco Vasco da Gama
Dashrath Cinema, Mapuca
Mhalsa Chitra Mandir, Margao

CLEARING & FORWARDING AGENTS

Baboo Punaji Redkar, Mormugao
Bhikaji Pandurang Valavalkar, Mormugao
Dattaram Jaydeo Prabhu Salgaunkar, Mormugao Harbour
Divakar Balkrishna Patil, Mormugao
Killick Nixon & Co Ltd s Agency Mormugao
Krishna Kamat Mamai Mormugao
Lee & Muirhead, Mormugao
Mormugao Agents Limited, Mormugao
S Omerkahn & Sons, Mormugao
Shivram Jivatram, Mormugao
Thakkar Bros Vasco da Gama Goa
Venkatesh Raval Kamat, Mormugao

ELECTRICAL COMPANIES

Bardez Electric Supply Co, Ltd, Mapuca
Companhia Electrica de Salcette Ltda, Margao

ELECTRICAL GOODS

Quexova Sinai Cundo, P O Box No 72 Lotlekar s Building Margao (Goa)

FISHING NETS

Loja 5 De Outubro Margao (Goa)

GENERAL MERCHANTS

Abdullabhai Ladjee Cidade Goa
Agencia Comercial Internacional, Cidade, Goa
Anant B Naik Cidade Goa

ANANT PANDURANG WALAVALKAR
General Merchant & Commission Agent
VASCO DA-GAMA (Goa)
Tel "DILIP"
- Undertakes Shipping Clearing & Forwarding Work
- Interested in Steamship agencies at Mormugao Port
- Exporters of Coconuts Betelnuts Salt & other Goa Produces
- Importers of Foodstuffs, Hardware Textiles, etc

Baboy S Verenkar & Sons Margao (Goa India)
Bento Miguel Fernandes, & Filhos, Lda, Nova Goa
Calappa Gurupadappa Bhupal Daddikar, Mapuca, Goa
Casa Central Cidade, Goa
Casa Lucas, Mapuca, Goa
Chandra Stores, Margao
Chowgule & Co, Ltd, Cidade, Goa
Cielho & Co Cidade, Goa
Cooperativa Economica, Cidade, Goa
Cosme Matias Menezes, Cidade Goa
D A Agni & Brothers, Cidade Goa
Damodar Mangalji & Co (India) Ltd, Rua Cunha Rivara, Goa
Danai & Sons Ltd, Margao

(Estd 1891)
DATTA ANANT AGNI
Post Box No 35, CIDADE DE GOA (Port India)
Telegram 'PROSPEROUS', GOA
General Merchants, Importers & Manufacturers' Representatives Interested to represent reputed overseas mfgrs of Tinned Provision & Foodstuffs, Confectionery, Wines, Toilet Preparations, Stationery, Perfumery, Drugs, Hosiery, Cutlery, Electrical Home appliances, Novelties, etc
(Suppliers to Retailers in Territory)

Dattaram Sakharam Gawandalkar, Margao
Dhuri, B B, Mapuca, Goa
Dias Brothers, Mapuca, Goa
Diucar & Brothers, Margao
Drogaria Prakash Ltd, Margao
Duclo Bobo & Cia, Cidade, Goa
E Sequeira, Cidade, Goa
Esmael Harji, Cidade, Goa
Fatoo Shambhoo, Gad, Mapuca, Goa
Figueredo & Correia Ltda, Cidade, Goa
Govind M Poy Raiturcar & Sons, Margao

G. S. BAGEWADI & CO.

(Estd 1900)

General Merchants & Commission Agents
Importers and Exporters

MARGAO-GOA

Desiring contacts from reputed buyers interested in Mines and Ore (Manganese and Iron)

Dealing and interested in Food Grains, Wheat Flour, Semolina, Provisions, Toilet Requisites, Paints, Condensed Milks, Cotton, Woollen and Rayon Piece Goods, Paints, Hardware, Cement, Machinery of all Types, etc

Overseas and Indian Manufacturers are requested to send terms of representation in Portuguese India with quotations and samples of the commodities if possible

Gurudas Timlo Margao
Habib Veljee Cidade Goa
Hari Vaman Mahatme Cidade Goa
Hari Vithal Sinai Cuncolienear, Cidade Goa
Hooseinbhai Ramjee, Margao
Jaganath R Poi Phondekar Margao
JAVERIBHAI RAMJEE & CIA LTDA , P O Box No 26, Margao (Goa) Branches Vasco Da Gama, Mapuca, Panjim and Damao , Importers, Exporters and Manufacturers' Representatives
Karmalli Virjee, Cidade Goa
Kashinath Damodar Naik Margao
Kashinath Damodar Naik Cidade Goa
Kuwelkar & Brothers Cidade Goa
Lailali Javeribhai Mayani Margao
Laljee Devraj & Co Cidade De Goa
N B Kamat & Sons Ltd , Cidade, Goa
N B Kamat & Brothers Margao
Narcinha J Hede Margao
Narsinh Angle, Margao
Narudin J Mayani, Margao
N S Bhobe, Mapuca, Goa
N S Gharse Margao
Quesoa Sinai Cundo, Margao
Raicar & Brothers, Margao
Raiturcar & Naik, Margao
Rama P Sinkre & Bros Curtorim, Goa
Ramchand V Sambari Station Road Margao (Goa)
Ramchandra Laxman Kamat Margao
Sagoon Jaydev Dhond Cidade Goa
Shantilal Khushaldas & Brothers, Margao
Shivram Jivatram, Cidade, Goa
Shivram Jivatram, Margao
Shivram Jivatram, Vasco da Gama, Mormugao
Sowdagar Brothers Margao
Subraya & Co , Margao
Subraya X Natekar, Mapuca, Goa
Tukaram P S Parker, Margao
Vasudev R Poy Raiturkar, Margao
V M Salgaonkar & Brothers, Vasco da Gama Mormugao
Voicunta V S Quitani, Margao
V S Dempo & Co , Ltd , Cidade, Goa
V V Amoncar & Brothers Cidade, Goa
V V Kamat Tarcar, Cidade, Goa
Y D & Sadekar Brothers, Margao
Yeshwant Vishnu Naik, Cidade, Goa
Yeshwant Vishnu Naik, Margao

GOVERNMENT CONTRACTORS

Govind Morto S Agaxicar, Nova Goa
Madeva B S Caculo, Nova Goa
Mucunda S Salelkar, Sanguem, Goa
Vasudeva P Salcar, Vasco da Gama

HARDWARE & BUILDING MATERIALS

Dhungat Co , Nova Goa
Duclo & Bhobe Nova Goa
Govind M Poy Raiturcar & Sons Margao
Kashinath Damodar Naik Margao
Lotlekar Brothers Limited, Margao
V M Salgaumkar & Brothers, Margao

HARDWARE & GENERAL MERCHANTS

Vissu Virginkar & Sons Ltd P O Box No 133 Margao (Portuguese India)

HOTELS

Goa Guest House, Lotlekar's Building near Rly Gate Margao (Goa)
Hotel Imperial, Near Bus Stand, Panjim Goa
Madhavashram, Near Banco Nacional Ultramarino Nova Goa

VISITING GOA ?

THE HOTEL REAL

MARGAO (GOA)

Second to none 3 minutes from Railway Station

Airy Rooms, Refreshing Bar and Appetising food

The only Hotel with Modern Sanitation

MAHARASTRA BHUVAN

MARGAO (GOA)

(Prop FELEX DAS NEVES)

When in Goa Visit Margao and when at Margao come to us

Best accommodation Airy Place, Bar and Restaurant Vegetarian and non vegetarian Meals at cheap rates

IMPORTERS & EXPORTERS

Bagewadi & Co G S ,—Margao Goa

WHEN AT MARMAGOA
Please Visit
" CASA MATIAS "
Vasco da Gama
(Prop C J Matias)
Near Railway Station, Main Road
Charges Most Moderate
Importers and Exporters Suppliers of Wines and Provisions and general Stores Indian and Overseas Shippers are requested to send quotations with trade terms

DAVID C. MASCARENHAS LTD.

MARGAO (Portuguese India)

Importers Exporters, Agents Distributors, Wines Provisions, etc

BAR & RESTAURANT

Interested to represent reputed Manufacturers

Bhanudas R Bhangi, Sanvordem (Goa)

CASA COMMERCIAL, GOA
Vasco-da-Gama Telegrams ECONOMY"
Bankers Banco Nacional Ultramarino
Importers of Pharmaceuticals, Chemicals, Textiles, Machinery, Hardware Building Materials, Foodgrains Provisions, Fish Oils etc
Exporters of All Goa Produces, Coconuts, Coconut oil, Betel Nuts, Salt, Sharkfish, etc
Trade enquiries invited
Interested to represent reputed Manufacturers

Chowgule & Co , Ltd , Mormugao Harbour
DAMODAR MANGALJI & CO (India), LTD , Nova-Goa
Govind M Poy Raiturcar & Sons P O Box 23, Margao (Goa), India
Hiralal & Co , Vasco da Gama (Goa)
Jose Santana Rocha, Import, Export, Commission Agents, Raia (Salcette), Goa (India)
Karmali Virjee, Nova Goa
Lima Leitao & Co , Mormugao (Portuguese India)
Mehta & Co Ltd —Vasco-Da Gama Goa
Nagindas & Co , Vasco da Gama (Portuguese India)
Narcinra Damodar Naik, Margao (Goa), India
Optical Trading Company, near Republic Hotel, Margao
Pancar Sons, Shivram D Naik Pancar, Mapuca (Goa)
Ramchand Kevalchand Doshi, Margao, Goa (Portuguese India)

SHANTARAM B SAMANT
(Estd 1935)
Clearing Forwarding Shipping and Chartering Agents
Mormugao Harbour
Undertake Clearing and Forwarding work of Local and Transit Cargo Interested in Imports of General Goods and Export of Goa Produces Tel "BROKER

Shantilal Khushaldas & Brothers, P O Box No 35, Margao (India), Goa
Tukaram P S Parker, Lotlekar's Building, Margao (Goa)
Valentiono F Pinto, Mapuca (Goa)
Vassu Ganesa Naik, Margao (Goa)

INSURANCE COMPANIES

Bombay Life Insurance Co Ltd , Margao, Nova Goa, Mapuca and Sanvordem
Hindusthan Co operative Insurance Society Ltd , Margao (Goa)
Industrial & Prudential Insurance Co , Ltd , Mapuca and Goa
Ruby General Insurance Co , Ltd , Goa
The People s Insurance Co , Ltd , Margao
The Sahyadri Insurance Co , Ltd , Margao
V R N Rasaikar & Co , Margao (Goa)

JEWELLERS

Anandrao Marcolcar & Irmaos, Nova Goa
Cadnekar Brothers, Margao
Joalharia Moderna, Margao
Joalharia de Sitarama Nagvenkar, Nova Goa
Joalharia Verlekar, Nova Goa
Lotlekar Brothers Ltd , Margao
Manguexa V Carolcar, Mapuca

MACHINERY

H Ratnakarrao, Station Road, Margao
The National Rice & Flour Mills, Margao
The Salcette Machinery Agency, Margao

MANUFACTURERS' REPRESENTATIVES

E Sequeira, Campal, P O Box No 21, Nova Goa
L X Peretra, Velcao, Salcette (Goa)
Naravan S Gharse, P O Box No 94, Margao (Goa)
Vernoncar & Filhos Rua Cunha Rivara Nova Goa

MINE OWNERS & MANGANESE ORE EXPORTERS

D. M. KUVELKAR
MARGAO (GOA)
Explorer of Minerals of Manganese and Iron Ore of high and low grades , Interested to receive offers from reputed overseas and Indian buyers with trade terms

GANGADHAR NARSINGDAS AGRAWAL
Mines Concessioner
P O Box No 107 — MARGAO (GOA)
Grams "SHREEHARI", Margao
Bankers —The Banco Nacional Ultramarino Vasco-da-Gama (Goa) The Bank of India Ltd Bombay
Exporters of —High, Medium and Low Grades of Manganese Ore, Iron Ore, Oxide, Chrome, etc of Goa (Portuguese India) and Indian Union origin Buyers and Sellers are requested to contact for particulars
Purchases are transacted on moderate terms

E Loeffler & Co , Collem
I P Noronha, Mormugao Harbour

" LABORATORIO ANALITICO e EXPERIMENTAL de MANGANEZ e FERRO
Lotlikar Building, MARGAO
Undertake complete analysis (100%) of Manganese and Iron Ore and also Undertaken Shipment and Stack Sampling at any place
Dr. HOMI R. NANJI,
Ph D , B Pharm (Lond), F R I C ,
Director

M S Raphael, Sanvordem
Rajaram N S Bandekar, Vasco da Gama
Shivram Jivatram, Vasco da Gama
Xec Abdul Kadar, Sanguem

MOTOR CARS, TRUCKS & AUTOMOBILE ACCESSORIES

C C Xavier George & Cia Ltda , Goa
Ganesh Motor Service General Syndicate, Mapuca (Goa)
Gurudas Timlo, Margao
Kashinath Damodar Naik, Margao
K W Kenny, Cidade de Goa
M S B Caculo, Cidade de Goa
V M Salgaonkar & Brothers, Vasco da Gama
V S Dempo & Co , Ltd , Cidade de Goa
The Union Cycle and Motor Company, Mapuca, Goa

NEWS AGENTS

Dattatraya Narayan Muni, P O Box No 76, Margao
Dinanath R Naik Sanvordencar, Sanvordem (Goa)
Dinkar Kashinath Redkar, Margao
Gomantak Book Depot, Nova Goa
Kashinath Damodar Naik, Margao
Keshav V N Dalal & Son Nova Goa and Mapuca
Madeu Pandari Raikar, Margao
Shri Mangesh Agency Mormugao, Vasco da Gama, Margao, Nova Goa, Mapuca, Ponda and Sanvordem

NEWSPAPERS

'A INDIA PORTUGUESA" (Portuguese Weekly), Margao
'A VIDA (Portuguese Daily), Margao
"AITARACHEM VACHOP" (Konkani Sunday Weekly), Goa Published by the Salesians of Don Bosco, Panjim, Goa (Rs 3/ per year)
'BHARATMITRA" (Marathi Monthly Magazine), Rivona, Goa
"DIARIO DE NOITE" (Portuguese Daily), Goa
"HERALDO" (Portuguese Daily), Goa
'O HERALDO" (Portuguese Daily), Goa
'VAURADEANCHO IXXT" (Konkani Weekly), Pilar (Goa)

OIL SEEDS

Bramhappa Tavanappanavar, Mormugao
Lee & Muirhead Mormugao
Louis Dreyfus & Co , Ltd , Mormugao
Oilseeds Trading Co , Ltd , Mormugao
Premji Haridas & Co , Mormugao
Produce Dealers Limited, Mormugao
Rallis (India) Ltd , Mormugao
R Ratilal & Co , Mormugao

AUTO SERVIÇO LTDA.

Grams "AUTOSERVICE"

VASCO DA GAMA - - - - GOA

Branch at MARGAO

Directors: S. A. JOSHI
VASANT JOSHI

Distributing Dealers for:

Automobile Products

OLDSMOBILE, OPEL, LANCHESTER, RILEY, WOLSELEY, MG and MORRIS Cars

BEDFORD Trucks and Buses

SMITH Motor Accessories

APOLLO Car Polish

FIRESTONE Tyres and Products
&
MUNICIPAL Equipments

Bankers ·

BANCO NACIONAL ULTRAMARINO, Vasco da Gama, Goa

S. KANTILAL & CIA LTDA.

P. O Box No. 114 • MARGAO (GOA)

Cables "SUNRISE", MARGAO • Codes BENTLEY'S SECOND, ORIENT 3 LETTERS, GUEDES

Mine Owners & Excavators

Exporters of

Manganese & Iron Ores of all Grades

Bankers.

BANCO NACIONAL ULTRAMARINO, MARGAO (GOA)
THE TRUST COMPANY OF NORTH AMERICA, NEW YORK

Branch Offices: SANVORDEM (GOA) • COLLEM (GOA)

OPTICIANS

Caetano Paulo De Souza Mapuca
Carey & Franklin, Margao and Nova Goa
David Brito & Irmao, Margao
Dhcar & Sons, Mapuca

PHOTO STUDIOS & PHOTOGRAPHERS

Central Studio, Mapuca
Dias & Rodrigues Margao
Kamath s Photo Studio Mapuca
Lamar Studio Margao
Manzo Photo Studio, Margao
Neurenkar Photo Studio, Nova Goa
Raikar Photo Studio Lotlekar s Building 1st Floor, Margao (Goa)
Ram Photo Studio, Novo Mercado, Margao, Goa
Reis Da Costa Mapuca (Goa)
Saldanha Photo Studio Nova Goa
Souza & Paul Nova Goa

PIECE-GOODS MERCHANTS

A S Borno, Nova Goa
Anand Dattaram Lad Sanquelim
Antigo Delhi Nova Goa
Atmaram Shirsat Ponda
Baburao Pai Palondkar Margao
Chandru Dharma Kurtarcar Margao
C I Vaglo Nova Goa
Damum N S Natekar Mapuca
Datta Cumi Quepem Margao
Datta Ramchandra Kamat Mhashkar, Nova Goa
Dattatraya Guiri Kare P O Box No 70, Margao, Goa
Dattatreya Anant Kamekar, Ponda
Gajanana Shirnwas Bhingi Sanvordem
Gangadhar B S Bhende Sanvordem, Goa, Portuguese India
Gopal Krishna Naik Vasco da Gama
Gurudas Timblo Margao
Hari I Pai Palondkar Direct Importers of Indian & Foreign Piece goods, Margao
H N Hormusji Dealers in Mineral Ores, Piece goods, Cutlery, Earthenware Novelties, etc P O Box 56, Nova Goa
Hiram Jagannath Catcar Margao
J M Pacheco, Margao
Kashinath Damodar Naik Margao
Massa Prabhu Lawande Nova Goa
Miss Muctabai Kurdekar, Sanvordem
Narayan Sakharam Patnekar Margao
Nilkanth Jagannath Kavlekar Mapuca
Nilkant Jagannath Kavlekar, Nova Goa
Pranjiwan Raghavji Doshi Margao
Pandhari Narayan Dalal Quepem
Parsram Hoondamal Nova Goa
Rama Balkrishna Prabhu Chodnekar Sanvordem Goa
Ramchand Kevalchand Doshi Margao
Raya Datoo Lad Margao
Shaik Mohamed Shaik Omar Vasco da Gama
Shaik Ismail Shaik Haroon Cuncolim
Sadasiva Pandurang Borno Nova Goa
Shambhoo Gunaji Naik, Sanvordem
Shantaram B Sukhatankar Quepem
Sheshgeri Raghunath Bene, Quepem
Shripad Anant Hegde, Cuncolim
Suleman Janoo, Wholesale dealers in Piece goods, Cutlery, Toilets, etc P O Box No 18 Nova Goa
Suryaji Vithal Prabhu Cuncolim
Sonum Narayan Naik, Margao
Vasu Ganesh Naik, Margao
Venkatesh Ramchandra Sankhav, Cuncolim
Yeshwant Pandari Naik Karmali, Sanvordem
Yeshwant Verenkar, Ponda
Yeshwant Vishnu Naik, Margao

PRINTING PRESSES

Borker Printing Press, Margao
Gomant Printing Press, Margao
Hindu Printing Press, Margao
Kakodkar Printing Press, Margao
Tip Bharat, Quepem
Tip Heraldo, Goa
Tip India Portuguese, Margao
Tip O Heraldo, Goa
Tipografia Sadananda —Printers and Publishers, Travessa de Delhi, Panjim Goa
Tip Vida Margao
Tipografia Central Goa
Tipografia Gonsalves, Goa
Tipografia Prafulla, Goa
Tipografia Rego, Goa

PRODUCE EXPORTERS

B Costa Margao
Bhikaji Pandurang Valavalkar, Vasco da Gama
Chowgule & Co Ltd Mormugao Harbour
Govind Santoo Varti Sanvordem
Janoo Ram Redkar Nova Goa
Meghasyam Atmaram Sanvordencar, Sanvordem
Narcinva Damodar Naik Margao
Nathalal Laloobhai Margao
Prabhakar Raghuvir Kudchadkar Sanvordem
Premchand Mulchand Marmugao
Raya Shanu Kudchadkar, Sanvordem
Shankar Sagoon Shirodkar Sanvordem
Shivram Divatram Marmugao, Vasco da Gama, Margao and Mapuca.
Subraya & Co Margao
Vasant Narayan Kamath, Margao
Venctexa Anant Pai Raikar, Savoi Verem
Vishnoo Sinai Dempo, Nova Goa
Yeshwant V Pai Ratnakar Margao

SODA WATER FACTORIES

Laxmi Soda Factory, Margao
Pereira Soda Factory Margao (Goa)
S G Borkar & Co, Margao

STEVEDORES & CONTRACTORS

Rajaram N S Bandekar Marmugao Port
V S Dempo & Co, Ltd Marmugao Port

TIMBER MERCHANTS

Anandrao G Sirdessai Margao (Goa)

WASHING SOAP FACTORIES

Kane Oil Mill & Soap Factory, Navelim, Margao
Kenny s Soap Factory, Fidalgao Ilhas Goa
The Shantadurga Soap Factory, Bicholim (Goa)
Swastik Industrial Works, Margao

WINE & PROVISION MERCHANTS

Bar Silveira Goa
Bento Minguel Fernandes & Filhos, Lda , Nova Goa
Bernardo Fernandes Margao
Casa Mambre Margao
Casa Menezes & Filhos, Goa
Casa Olimpia, Vasco da Gama
Casa Sorrino Praias de Calangute
C Braganza, Mapuca
Central Bar Mapuca Goa
Co operativa Economica
Co operativa dos Funcionarios
David Camilo Mascarenhas, Margao
Elite Bar & Restaurante, Mapuca, Goa
J Salvador Rebello, Vasco da Gama (Goa)
J C Fernandes, Sanvordem
Leandro Arthur D Silva, Margao
Lobo s Hotel Bar, Marmugao
Luis Caetano Marchon, Margao
Loja 5 de Outubro, Margao
Nairobi Bar, Margao
Primo Rodrigues, Vasco da Gama (Goa)
Restaurante and Bar Mesquita, Margao
Velho Bar, Sunshine Building, Margao
Valentino Pinto, Mapuca
Sagoon Jaydev Dhond
V V *Kamat Tarcar*
Velho & Filhos, Nova Goa

GOVERNMENT OF INDIA PERSONNEL

PRESIDENT

Dr Rajendra Prasad

OFFICE OF THE SECRETARY TO THE PRESIDENT

Secretary, Shavax A Lal
Deputy Secretary P D Deshmukh
Private Secretary Valmiki Choudhary
Press Attache R I Handa
Under Secretary, V I Moore

OFFICE OF THE MILITARY SECRETARY TO THE PRESIDENT

Mil Secretary, Maj Gen B Chatterjee
Dy Mil Secretary, Lt Col M Ghufran A S C (Garhwal Rifles)
Comptroller of the Household, Vacant
Dy Surgeon Dr F E Buckler
Personal Secretary, Vacant
Under Secretary N Banerjee
Aides-de Camp, Capt S D Bhonsle (Ag) (1st Gurkha Rifles) Lieut O S Dawson, I N Fl Lt L M Katre, I A F
I C O as D C Risaldar Major Tara Singh, Risaldar Major & Hony Lieut Gajraj Singh 3rd Cavalry

PRESIDENT'S BODYGUARD

Chief Commandant Maj Gen B Chatterjee
Commandant, Maj S K Bharat Singh (2nd Lancers)
Adjutant Capt S G Srinivasan (1st Horse)

VICE-PRESIDENT

Vice President Dr Sarvepalli Radhakrishnan

VICE-PRESIDENT'S SECRETARIAT

Assistant Private Secretary to the Vice President, S Natesa Sastry B A
Personal Assistant to the Vice President V D Thadke B A

CABINET MINISTERS

Prime Minister, External Affairs and Defence, Jawaharlal Nehru
Education and Natural Resources and Scientific Research, Maulana Abul Kalam Azad
Communications, Jagjivan Ram
Health, Rajkumari Amrit Kaur
Finance, C D Deshmukh
Planning and Irrigation & Power G L Nanda
Home Affairs & States, Dr Kailas Nath Katju
Food & Agriculture, Rafi Ahmed Kidwai
Commerce and Industry T T Krishnamachari
Law and Minority Affairs, C C Biswas
Transport and Railways, Lal Bahadur Shastri
Works, Housing and Supply, Sardar Swaran Singh
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Assistant Engineer (Control), P K Mukherjee
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At Bombay Test Room

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At Bangalore Test Room

Assistant Engineer, T K Subramanian, M A, Grad I E E

At New Delhi Test Room

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Administrative Officer, S P Banerjee, B Sc
Labour Officer, S P Dasgupta M A (Econ).

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Yard Foreman, K P Chakravarty
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Head Assistant P G Mukherjee B A
Store keeper H D Mitra
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Superintending Engineer G K Bhattacharjee
Asstt General Manager, N P Lavilli
Traffic Superintendent, S N Sur B Sc (Hons)
Executive Engineer (North), S D Mital
Executive Engineer (South) G K Bhattacherjee
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Accounts Officer (Telephone Revenue), N Vasudevan
Contract Officer G K Mitra
Personal Assistant to the E in C and C M A Bhattacherjee
Office at 5 Council House Street (Automatisation Branch)
Dy Engineer in Chief H M Engineer B Sc (Eng)
Personal Assistant to Engineer in Chief, S C Mukherjee
Accounts Officer (Auto) P B Das
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Deputy Secretaries, B F Isar, I C S, K V Padmanabhan, I F S, R T Chari, I C S, V C Trivedi, I F S, B N Nanda, Devi Dayal Bhatia, V S Swaminathan, Miss Leilamani Naidu

Officer-in Charge, C C B, Lt-Col R L Sharma

Under Secretaries, O. V Ramadorai, S V Sampath, I J. Bronghton, K G Mathur, A K Dar, S K Roy, Digvijay Chandra Raja Rama of Jubbal, P N Menon, Mohd Yunus, A R Sethi, Dr S Gupta, A N Mehta, M A Vellodi, T. J Natarajan, Humayun Mirza, Sardar Joginder Singh

* Acting as High Commissioner for India in the U K in the place of Mr B G Kher, on leave Acting Secretary, Commonwealth Affairs S Dutt I C S (Ambassador in West Germany)

Assistant Secretaries, S Chaudhuri, S D Pathak, E E Thomas, P K Sen, Meher Singh, A S Bawa, P N Subramaniam
Attaches, V K Ahuja, Miss Kamala Jaspal, E Gonsalves, S K Chowdhury, Thakore Sahib of Kotah Sangani
Private Secretary to Deputy Minister, B N Gupta
Private Secretary to Foreign Secretary, M B Nair
Private Secretary to Commonwealth Secretary, T R Raghuraman
Librarian, Historical Division, S S Saith
Director, Indian Information Services, Shiv K Shastri
Information Officers, R C Asthana, K C Sen Gupta, S C Bhattacharjee, P G Pendsay
High Powered Officer (Recovery of abducted persons), Jullundur, A L Fletcher, I C S
Central Recovery Officer, Miss Mridula Sarabhai
Officer on Special Duty, C R O, New Delhi, C M Sharma
Officer on Special Duty (Recovery of abducted persons), PEPSU, Patiala, Mrs L Pritam Singh
Special Officer, Search Service Bureau, West Bengal, Assam & Tripura, Calcutta, J M Chatterjee
Controller of Emigration, Madras, K S Seshan
Protector of Emigrants, Calcutta D C Mukherjee
Protector of Emigrants, Bombay, Captain R B Ghatge
Protector of Emigrants, Madras, R Krishnama chari
Protector of Emigrants, Negapattinam, K Nara yanamurthy
Protector of Emigrants, Mandapam Camp, T S Subramanya Aiyar
Protector of Emigrants, Tuticorin K E Krishna machari

BRANCH SECRETARIAT,
6, Esplanade East, Calcutta

Deputy Secretary, A M Dam, I A S
Under-Secretary, M N De
Section Officer, A M Datta
Private Secretary to the Minister for Law and Minority Affairs, T M Dasgupta

MINISTRY OF FINANCE

Minister, Chintaman D Deshmukh
Deputy Ministers, Manilal C Shah Arun Chandra Guha
Parliamentary Secretary, B R Bhagat

Department of Revenue and Expenditure

GENERAL DIVISION

Secretary, K R K Menon
Joint Secretaries, J Dayal, M S Bhatnagar, S Ratnam, C S Menon, R Narayanaswami
Deputy Secretaries, A Baksi, O P Gupta, S K Majumdar, E Kolet, H F B Pals, R G Mundkur, P N Segal
Under Secretaries, C B Gulati, K L Rathee, S S Puri, A C Banerjee, Har Kishore, S N Ghosh, R S Krishnan, B S Atri
Assistant Secretaries, S Sundaresan, Mokand Lal, R Krishnaswami, K R Prabhu, Basheshar Nath, K Sankaran, Kirpa Singh, T V Balakrishnan, Moti Lal
Officer on Special Duty, C R Govindarajan
Section Officers, E R K Menon, L D Seth, R R Aggarwal, S S Sharma, B S Chadha, B B Chandra, S R Mohindra, M L Gupta, S Subramanian, C F Chereath, Dev Raj, P S Saxena, R B Gupta, Jai Deva, Attar Singh, S R Virmani, C K Subramanian, Chand Kishore
Personal Secretaries to Deputy Ministers, P S Parsuram, B R Gambir
P S to Secretary, C P K Erady

COMMUNICATIONS DIVISION

Joint Secretary, S Jayasankar.
Deputy Secretary, N V Venkataraman
Under-Secretary, R Natarajan
Assistant Secretaries, A Krishnamoorthi, M K Nair
Officer on Special Duty, A Varadhachari
Section Officers, R L Kapur, A R Gool, B R Aggarwal

DELHI STATE DIVISION

Deputy Secretary, D S Nakra
Under Secretary, D C Sapra
Section Officers, S K Sanyal, B B Ghosh

Industry and Commerce Division, M-Block, Church Road, New Delhi

Joint Secretary (I & C), K R P Aiyangar
Deputy Secretary (HQ), B S Bhatnagar
Under Secretary (B), B G Idnani
Under-Secretary (C & I), K P Soni
Asstt Secretary (HQ), H Rai
Section Officers, P B Saharya, D D Mangleek, P S Srivastva, R S Mittal, B S Singhal, M N Walwekar
Supply and Disposals Branch, New Delhi
Deputy Secretary (S & D), K N Nair
Asstt Secretary (S), N C Chatterjee
Asstt Secretary (I), V Ramachandran
Section Officers, S Subramanian, K B Lall, Maher Singh
Chief Cost Accounts Officer, S V Aiyar
Cost Accounts Officer, K Nagaswami
Asstt Cost Accounts Officers A Saha, S K Basu
I & C Division, Bombay Office
Under-Secretary, K R Aryamuthan
Section Officers, M G Thomas, Appaji Rao
Cost Accounts Officers, R Sundaram, N Krishnan
Asstt Cost Accounts Officer, S Rajan
I & C Division, Calcutta Office
Under Secretary, N Sen Gupta
Section Officers, N P Mukherjee, N C Ghosh

Department of Economic Affairs

Secretary, K G Ambegaokar, I C S
Economic Adviser, Dr J J Anjaria
Joint Secretaries, M V Rangachari, I A & A S, S G Barve, I C S, C V Narasimhan, I C S
Officers on Special Duty, D L Mozumdar, I C S, K V Rajagopalan
Deputy Secretaries, H S Negi, B K Kaul, I C S, S S Shiralkar, N C Sen Gupta, I C S, C V Narasimham, I C S
Under-Secretaries P N Suri, F C Dhaun, V Subramaman, P D Kasbekar, I A S, V Doraiswamy
Asstt Secretaries, K P Biswas, Prem Narain, A K Mozumdar
Asstt Economic & Statistical Adviser, Dr R K Bhan
Senior Research Officer, Dr A K Ghosh
Assistant Controller of Capital Issues, A K Natarajan
Section Officers, R P Capoor, H K D Tandon, R Saran, N Parasuraman, T S Menon, R B Lal, A Sitaraman, Shahzad Rai, S N Kao, V Natarajan, R N Misra, C J Lalwani N S Ghosh, M K Banerjee, S K Bhattacharavya, F N Sanyal, K C Sodhia, S K Das Gupta

NATIONAL INCOME UNIT

Senior Statistician, M Mukherjee
Research Officer, K N C Pillai
Superintendent, R Subramanian

DIRECTORATE OF NATIONAL SAMPLE SURVEY

Director, H Ghosh
Assistant Director, B Bhattacharyya

Defence Division

Financial Adviser, K Bhawanishankar Rao
Addl Financial Adviser, Batuk Singh
Joint Financial Adviser, K S Krishnaswami
Deputy Financial Advisers, M K Hariharan, H L Wadera, R Bhaktavatsalu, S K Mukerjee, G K Abhyankar, A N Abbi, A Shama Rao
Assistant Financial Advisers, B Vasudeva Rao, A K Basu, B D Saxena, A B Mathur, S K Sen, Daulat Ram, A N Sarma, Bahadur Murao, D D Kalra, A R Sethi, K N Parbat, J C Sen, M K K Aiyar, K S Ganapati, K Srinivasan (II), A Rangaswami, A P V Krishnan, A N Joshi, K Lakshminarayanan, S G Dube, B L Jain, R N Basu Gurpal Singh, S Venkateswaran
Superintendents, Ujagar Singh, Manmohan Lal Anand Swaroop, B B Satsangi, B V Holla, I R Naidu, N C Nag, P N Seal, Siri Ram Ohri, T C Grover D D Kohal, A S Raman, N N K Nair, P S Kohli, J R Saha, Bishamber Lal
Private Secy to Financial Adviser, C Jagtiani

Revenue Division

CENTRAL BOARD OF REVENUE

Senior Member and Ex Officio Jt Secretary A K Roy
Members and Ex Officio Jt Secretaries, E S Krishnamoorthy, E Rajaram Rao, Pyarelal Uppal
Secretaries C B R and Ex Officio Deputy Secretaries, N D Mehrotra, A K Mukarji G L Pophale, R K Das
Under Secretaries, C B R and Ex Officio Under-Secretaries M A Rangaswamy, K Narasimhan, M P Alexander, R S Chadda, K B Deb, B M Sarobar
Assistant Secretaries, C B R and Ex Officio Assistant Secretaries, P S Kaicker, A M Ramachandran H L Dutta, Brij Bhushan Lal
Officers on Special Duty, N Srinivasan M Chandrasekaran
Superintendents (Central Secretariat Service, Grade II) Mukand Lal, P C Roy Chaudhuri, C S Kedarnath, Mangli Prasad, V S T Chari, Narotam Singh, R Vaidyeswaran, P S L Sarma, M M Gandotra, S N Johri, Brij Bhushan Lal, B N Chadha, Saroop Singh

INCOME TAX INVESTIGATION COMMISSION

Chairman, A V Vishwanatha Sastri
Commissioners, Dr S N Banerjee, H P Singh
Secretary, R N. Jain
Officers on Special Duty, N K Saksena, K P Sinha
Assistant Superintendent, N P Gupta

DIRECTORATE OF INSPECTION, CUSTOMS AND CENTRAL EXCISES

Director of Inspection S D Nagarwala, I C S
Asstt Dirs of Inspection, A N Nanda, B Sen
Inspecting Officers with Headquarters at Delhi, G P Dorairaj, Y N Chopra, P B Satagopan
Inspecting Officers, Headquarters Office, Simla, K D Ganguly, N D Mukherjee, H B Das, V R Sonalkar
Inspecting Officers, North Regional Unit Simla M L Routh, H N Sahu, G R Divekar
Inspecting Officers, East Regional Unit, Calcutta R C Mehra, P M Varkey, T P S Iyer
Inspecting Officers, West Regional Unit Hyderabad, K K Tampy, T P S Iyer, C L Beri
Inspecting Officers, South Regional Unit, Hyderabad, N Mukherjee, S C Mukherjee, B G Mehta

DIRECTORATE OF INSPECTION (INCOME TAX)

Director of Inspection, A C Bose
Addl Director of Inspection, J S A Raju
Assistant Director of Inspection, K C Tharyan

Investigation Wing

Director of Inspection (Investigation), Kanhaiya Singh
Deputy Directors of Inspection (Investigation), P C Goyal, V Sundaramurthy Mudaliar, A K Bose
Assistant Directors of Inspection (Investigation), Harnam Shankar S Bhattacharya, V Gouri Shanker, R S Mani

CENTRAL REVENUES CONTROL LABORATORY, NEW DELHI

Chief Chemist P S Krishnan
Chemical Examiner, Grade I Gurcharan Singh
Assistant Chemical Examiners, K Subramanyan R Pichai

STATISTICAL BRANCH (INCOME TAX)

Statistician (Income tax), P S B Pillai

STATISTICS AND INTELLIGENCE BRANCH (CENTRAL EXCISES)

Dy Coll, Statistics and Intelligence S k Bhattacharjee
Statistician, Vacant
Asstt Statistician, Daya Sagar

AUTHORISED REPRESENTATIVES ATTACHED TO THE INCOME TAX APPELLATE TRIBUNAL

Authorised Representative, Bombay Benches, G R Hegde R G Deshpande
Authorised Representative, Allahabad Bench, E K Dyall
Authorised Representatives, Madras Benches, K V Rao, T V Ramakrishna
Authorised Representative, Calcutta Bench, J N Mazumdar
Authorised Representative, Delhi Bench, R S Rawal
Authorised Representative, Patna Bench S D Gupta
Junior Authorised Representative, Bombay Bench, N Y Tamhane
Junior Authorised Representative Calcutta Bench H P Mukerjee

Defence Accounts Department (D H Qrs Post Office, New Delhi 11).

Controller General of Defence Accounts, R Jagannathan
Command Controllers of Defence Accounts, B S Narayanswami, A Subrahmanyam, R N Hazari, Phul Chand
Officers of the Junior Administrative Grade, V N Sukul A P B Nayar, E E de Souza, C Konar, P C Bhattacharyya, J J B A Martin, G C Katoch, K Srinivasan, J P Kacker
Deputy Controllers of Defence Accounts, B Srinivasa Aiyar, C P Ramachandran, B M Menon B M Prabhu, T R Srinivasamurthy, Yogeshwar Singh R S Gupta, Veda Srinivasan, R Srinivasan K S Menon, R N Diddee, D N Sethi, P L Sen Gupta, T V Chetty, F C Mehta
Assistant Controllers of Defence Accounts C V K Reddi N V Chandrasekariah Shyamal Banerjee R Venkataraman, N M Vachhrajani, V S Bhir, C L Chaudhry R Patnaik, N Rajan S K Sundaram B J Albuquerque, K Aravamudan S V Subramanian, K Padmanabhan, Sharafuth Ali

Department of Insurance, Kennedy Cottage, Simla 4.

Controller of Insurance, A Rajagopalan, BA, FIA
Assistant Controllers of Insurance S K Vaiyapuri, MA (Oxon), FLA, Bar-at-Law, P D Seth, BA, ACA, M N Venkateswaran, BA (Hons), AIA G M Gadgil, BA, FIA
Insurance Officers, S C Das Gupta, BCom, B R Gupta, BA (Hons) FIA, G H Damle, BSc, B Ramu, BSc (Hons) S Krishnamurthy, MA, FIA, D B Umrani, BSc, AIA, ACII
Section Officers, A C Roy, BA, Lachmi Narain

Comptroller and Auditor-General of India, Kapurthala House, 3, Man Singh Road, New Delhi

Comptroller and Auditor General, V Narahari Rao *
Dy Comptroller and Auditor-General, P H S Rao
Additional Deputy Comptroller and Auditor General (Headquarters), R Ramaswami Ayyar
Additional Deputy Comptroller and Auditor General (Report), V D Dantyagi
Comptroller of Commercial Audit, P N Bhandari
Officers on Special Duty, G S Rau M S Ramayyar

AUDIT DEPARTMENT DEFENCE SERVICES

Office of the Director of Audit Defence Services New Delhi

Director of Audit, R P Sarathy
Deputy Director of Audit, P C Ghosh
Assistant Audit Officer, J C Das Gupta
Assistant Audit Officer, Gian Chand

Office of the Deputy Director of Audit, Defence Services Meerut

Deputy Director of Audit A Padmanabhan
Assistant Director of Audit, M C Sarin
Assistant Audit Officer, D S, Vaishnu Das
Assistant Audit Officer D S, H N I Gupta

Office of the Assistant Audit Officer, Defence Services, Bangalore

Assistant Audit Officer D S P B V Menon

Office of the Deputy Director of Audit D S Poona

Deputy Director of Audit H B Bhar
Assistant Director of Audit H k Maitra
Assistant Audit Officer, A Rangaswamy
Assistant Audit Officer, P V Narayanan
Assistant Audit Officer, M V Gopal Rau

Office of Deputy Director of Audit Defence Services, Calcutta

Deputy Director of Audit S Vasudevan
Assistant Director of Audit A C Bose
Assistant Audit Officer, N R Biswas

Office of the Assistant Director of Audit, Defence Services Dehra Dun

Assistant Director of Audit M Natarajan
Assistant Audit Officer, I N Sen Gupta
Assistant Audit Officer, A N Batabyal

Office of the Assistant Director of Audit, Defence Services Bombay

Assistant Director of Audit G Ramachandran

Office of the Assistant Director of Audit, Defence Services Patna

Assistant Director of Audit, S N Dar

Office of the Assistant Audit Officer Defence Services Allahabad

Assistant Audit Officer D S, M M Chakravarty

Office of the Assistant Audit Officer D S, Secunderabad

Assistant Audit Officer D S, P k Ramachandran

Assistant Audit Officer, D S Kanpur

Assistant Audit Officer D S, P Bose
Office of the Assistant Audit Officer D S Barker
Assistant Audit Officer, D S, R N Ghoshal

India Government Mint, Bombay

Mint Master, Maj D V Deane, CIE, OBE, RE (Retd)
Accountant D R Rele
Depy Acctts, S V Shanbhag, V G Nabar BSc, G L Thakoor
Temp Deputy Acctt N V Prabhu
Cashier, D M Gavankar
Works Manager, M R Carr
Dy Works Manager (M & E), H N Rao BE (Mech) (*Temp*)
Engineers S G Ley, C A B Hartley, S M Fahseen, H W Travao, F E Hyderabadwalla G K Malkani I C Woodcock, B M Mistry
Asstt Engineers (Temp), H Natarajan, S B Bansode
Dy Works Manager (Melting), N W B Race
Melting Supdts, C E Clarkson, F R Tanksalvala, B Com, C D Mascarenhas W A Khan
Temp Melting Supdt, J F Fernandes
Asstt Melting Supdt, M N Pagare
Temp Asstt Melting Supdts, A V Desai G A Joshi
Artist Engraver, P W M Brindley
Bullion Registrar, M R Tanksalvala, B Com
Depy Bullion Registrar A G Sarnaik
Depy Bullion Registrars (Temp), G P Varde R G Rangnekar
Bullion Keeper, S J Mahudawalla, B Com
Depy Bullion Keeper, N A Dingankar
Storekeeper S A Moghe
Warder, T P Holmes
Medical Officer, Dr S K Karnik, LCPS
Labour Officer J C D Costa (*offg*)

INDIA GOVERNMENT ASSAY OFFICE C/O INDIA GOVERNMENT MINT, FORT, BOMBAY

Chief Assayer, B K Bose, MSc, DIC, AIMM
Assay Superintendents, S G Dighe, BA, MSc M K Bose MSc DPhil
Asstt Assay Superintendents H C Bhargava, MSc (Tech), A W Chawathe, MSc
Head Clerk, P K Sule

India Government Mint, Calcutta 27

Master of the Mint, A A J Gomez, BSc Eng (London), ACGI, DIC, AMIE
Dy Master of the Mint, B S D Aiyar, MA, BSc (Hons) DIISc (Tech), AMIE
Works Manager N Sinclair Jones
Bullion Registrar G L Belchambers
Accountant, B D Goswami
Dy Works Manager S S Molla
Labour Officer Janab A G Sarwar

India Government Mint, Saifabad, Hyderabad

Deputy Mint Master, P K Ikku BEng (Sheffield)
General Assistant to Mint Master and Accountant, Mohammed Ghouse Mohiuddin
Bullion Registrar Rasheed Ahmed
Deputy Works Manager H W Harding

India Security Press, Nasik Road.

(INCLUDING CENTRAL STAMP STORE AND CURRENCY NOTE PRESS)

Master, India Security Press and ex-Officio *Controller of Stamps*, J C Dutta Gupta, BSc (Engg)
Deputy Master, India Security Press N D Prabhu BSc, AMIE
Deputy Master, Currency Note Press M S Pathak BSc, BE
Assistant Master India Security Press, M B Kapur, GI Mech E AMII
Assistant Master, Currency Note Press P M Rau BSc
Deputy Controller of Stamps, M S Srinivasan, BA
Photogravure Process Expert, India Security Press, E B Chapman
Labour Officer India Security Press M W Warty BCom
Head Engraver I M Das
Head Engineer, V B Chinmulgund
Chief Inspector Control D B Didmishe
Senior Supervisor S k Bose
Artists P B Chitnis, K M Dhar
Supervisors Technical J F E Lobo V I Roge, S H Jackson, N B Pardeshi D P Gaynor S V Upadhye, D G Thompson F G Stanley, P M Nabar
Office Superintendent S M Nerurkar, BA
Head Accountant J G Deshmukh
Deputy Accountant, B S Chhayapathi
General Cashier, R M Baraskar
Store keeper, B S Barje
Head Clerk, R V Raman

CENTRAL STAMP STORE

Assistant Controller of Stamps, Janardan Datta
Storekeeper, V P Ogale
Accountant, N V Sapre, BA
Office Superintendent, M R Sahasrabudhe, BA
Head Clerk, R Narasimhan, BA, BL

CURRENCY NOTE PRESS

Chief Inspector, Control, N G Wandrekar, BA
Senior Supervisor, Technical, V R Godbole
Supervisors, Technical, S D Silva, B S Chitnis A W Fernandes
Storekeeper, A J Brady
Accountant, S Subramaniyam
Deputy Accountant, G S Bijlani
Head Clerk V D Koppikar

* Due to retire in August 1954 Mr A K Chanda is to succeed him according to present arrangement

Industrial Finance Corporation of India, U.S. Hospital Bldg, Keeling Road, New Delhi

Directors on the Board of the Corporation, Professor D R Gadgil, S G Barve, I C S, S Bhoothalingam, I C S Khandubhai K Desai M P, Sir S V Ramamurthy, H C Captain J I, S C Roy L S Vaidyanathan Syamnandan Sahaya M P V P Varde, V R Sonalkar (*Managing Director*), A Chatterjee (*Deputy Managing Director*)

Bombay Office —Liberty Building, 40 41, Marine Lines, Bombay

Calcutta Office —Calcutta National Bank Building, P-2, Mission Row Extension, Calcutta

Madras Office —38, Whites Road, Royapettah, Madras

Office of the Accountant-General, Central Revenues, Curzon Road Barracks, New Delhi

Accountant General P C Padhi

Addl Accountant General, R L Gupta

Deputy Accountants General, P K Bardhan, A N Kaul A C Bhatia M I Gupta

Examiner Outside Audit Department (Works), K B Lal

Examiners Outside Audit Department (Civil), P N Bhalla P R Mukerjee

Assistant Accountants General, C D Saklani, K Lahit R K A Subramanya, K P Rangaswamy, R N Srivastava

Office of the Accountant-General, Food, Rehabilitation and Supply, Post Box No 143, Akbar Road, New Delhi

Accountant General, S Gupta

Deputy Accountant General, V R Mahadevan

Deputy Accountant General S K Mukherji

Deputy Accountant General, I & S Calcutta, H N Banerjee

Deputy Accountant General, I & S Bombay, S Vaidyanathan

Examiner, OAD New Delhi, A R Bhaduri

Assistant Accountants General, K C Das, M S Sarna

Office of the Accountant-General, Posts and Telegraphs, Simla

A G, K S Malhotra I A & A S

D A G (Hqrs), V A P Rao

A A O I, Hazara Singh

A A O II, D M Narayanaswami

A A O III, P C Roy

Office of the Controller of Capital Issues, Central Secretariat, South Block, Room No 204, New Delhi

Controller of Capital Issues, D P Mazumdar, I C S

Asstt Controller of Capital Issues, A K Natarajan

Office of the Deputy Accountant-General, Posts and Telegraphs, Calcutta

Dy Accountant General, P K Sen

Office of the Deputy Accountant-General, Posts and Telegraphs, Delhi

Deputy Accountant General, J C Sen

Assistant Accounts Officers, S S Chatterji, Ishar Singh, Guru Govind Mathur, N N Mukherji, K D Joshi, M Banerji, P S Krishnaswamy

Office of the Deputy Accountant-General, Posts and Telegraphs, No 2, Commander-in-Chief Road, Egmore, Madras 8

Deputy Accountant General, S Nagasami Rao

Asstt Accountant General, U Devidas Acharya, B A (Hons)

Asstt Accounts Officers, T N Bhattacharyya, B Sc (Hons) S S Raghavachari, M A, R T Rangaswami B A, B L, N Ramachandran, M A, V Muthuraman, B A (Hons), R Narayanaswamy

P & T Sub Audit Office Hyderabad (Dn)

Asstt Accts Officer In charge, M Suryanarayanan, M A

Asstt Accts Officer, T Raghunathan

Office of the Deputy Accountant-General, Posts and Telegraphs, Nagpur

Deputy Accountant General D D Dhingra

Assistant Accountants General, K S Murthy V S Das

Assistant Accounts Officers, V G Ramaswamy, K Narayanan K A Rahatekar, N Jagannathan, L K Ramkrishnan, M V Muthukrishnan, K Vaidyanathaswamy S K Yegnanarayanan, A Venkatraman, Pashupati Banerjee, I B Mukherjee

Office of the Director of Audit Defence Services, New Delhi

Director of Audit R P Sarathy

Deputy Director of Audit, P C Ghosh

Assistant Audit Officers J C Das Gupta Gian Chand

Office of the Director of Railway Audit, Simla

Director of Railway Audit R C Khanna I A & A S

Dy Director of Railway Audit, Parmeshwar Sarup, I A & A S

Northern Railway

Chief Auditor P N Bhandari, I A & A S

Deputy Chief Auditor, L C Nayar, I A & A S

Western Railway

Chief Auditor, R Srinivasa Murti I A & A S

Deputy Chief Auditor, V D Valiath, I A & A S

Eastern Railway

Chief Auditor George Poshaw I A & A S

Deputy Chief Auditors, I R A Dent I A & A S, Hussain Aga, I A & A S

North Eastern Railway

Chief Auditor Keshab Dayal I A & A S

Deputy Chief Auditor, K J Chandwani, I A & A S

Central Railway

Chief Auditor, R I Gupta, I A & A S

Deputy Chief Auditor P N Bose I A & A S

Southern Railway

Chief Auditor K M Subramanian I A & A S

Deputy Chief Auditors D Ramchander Rao, I A & A S, S Somasundram I A & A S, S P Narayana Chetty, I A & A S

Opium Department (Under Revenue Division), Uttar Pradesh

HEADQUARTERS, GHAZIPUR

Opium Agent, Shanti Parkash Kampani, M Sc (Tech), I R S

Superintendent Opium Agents Office, Sita Ram

OPIUM FACTORY, GHAZIPUR

Manager Ravindra Nath Shukla

Assistant Manager, T N Zutshi

Factory Engineer, Bishambhar Dayal Verma

Opium Chemist, Alkaloid Works, Vasudeo Janardan Bakre, M Sc, A H B T I

Assistant Chemical Examiners Alkaloid Works Manohar Singh, M Sc, C R C S, S K Banerjee, M Sc, A Venkatasubhan, B A, M Sc

Laboratory Engineer, Yag Dutt Gautam M I E E (Punjab), M Mech E A (India) A M I I

Medical Officer, Mahesh Chandra Khandpur, B Sc, M B B S

DIVISIONAL OFFICERS

District Opium Officer, Shahjahanpur, Hari Har Nath Raina, M Sc

District Opium Officer, Bareilly Sri Narain Asthana, M Sc

District Opium Officer, Bara Banki, Sri Kirti Vardhan, M Sc

District Opium Officer, Farrukhabad, Gopal Krishan Mehrotra, M A

District Opium Officer, Ghazipur, Kundan Lal Bhasin, M A

District Opium Officer, Gonda, M M Gupta

Reserve Bank of India

CENTRAL OFFICE POST BOX 406 BOMBAY NO 1

Governor B Rama Rau

Deputy Governors N Sundaresan Ram Nath

Executive Directors B Venkatappiah I C S, J V Joshi

Chief Accountant J N Ahuja

Secretary, G Balasubramanian

Chief Officer Department of Banking Operations, T V Datar

Chief Officer Department of Banking Development, T K Ramasubramaniam

Chief Officer Agricultural Credit Department, K Subrahmanyam Nayudu

Deputy Controller, Exchange Control Department, P J Jeejeebhoy

Manager, Bombay L R Bhandari

Manager Calcutta C S Divekar

Manager, Madras B V Desai

Manager, Delhi, J S Jaspal (*Offg*)

Manager and Currency Officer, Kanpur D N Maluste

Manager London Dr P J J Pinto (*Offg*)

MINISTRY OF FOOD AND AGRICULTURE

Minister, Rafi Ahmed Kidwai

Private Secretary to Minister Jai Narain

Assistant Private Secretary to Minister Prakash Chandra Bajpai

Minister for Agriculture Dr Panjabrao S Deshmukh

P S to Minister for Agriculture S S Bhalla

Deputy Minister, M V Krishnappa

P S to Deputy Minister Pratap Singh Giani

Secretary, H M Patel I C S

Private Secretary to Secy, A V Ranganathan

AGRICULTURE DIVISION

Production Commissioner and Ex Officio Additional Secretary, Datar Singh

Joint Secretary and Vegetable Oil Products Controller in India P A Gopalakrishnan I C S

Deputy Secretaries R L Mehta S N Bhalla, S T Raja

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Deputy Installation Engineer, Central Project Circle New Delhi, N D Matange
Project Officer, Chaman Lal

MAINTENANCE DEPARTMENT (CURZON ROAD)

(*Telegraphic Address* 'AIRWORKS, New Delhi)

Maintenance Engineer, K R Karve
Senior Deputy Maintenance Engineers, S S Kohli P S Nilakantam
Deputy Maintenance Engineer, A C Ghosh

THE INDIAN LISTENER, AWAZ, SARANG (CURZON ROAD)

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Assistant Editor, Awaz, P N Dar
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HIGH POWER TRANSMITTERS, KINGSWAY, DELHI

(*Telegraphic Address* 'AIRBEAMS', Delhi)
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Deputy Engineers-in Charge, M Raghavachar B K Garde

PLANNING AND DEVELOPMENT UNIT, WESTERN CIRCLE, BOMBAY

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Deputy Installation Engineer, A Venkateswaran
Assistant Project Officer, K G Pendse

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(*Telegraphic Address* AIRMONITOR, Simla)

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Assistant Director, A N Kaul

PLANNING AND DEVELOPMENT UNIT EASTERN CIRCLE, CALCUTTA

(*Tel* "AIRWORKS", Calcutta)

Project Officer, T D Chatterjee
Assistant Project Officer D V Phatak
Deputy Installation Engineer, D C Roy

PLANNING & DEVELOPMENT UNIT CENTRAL PROJECT CIRCLE

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Curzon Road Barracks, New Delhi

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Cleremont, The Mall, Simla 4

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Deputy Coal Mines Welfare Commissioner, T N Das
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Executive Engineer (offg) N D Taneja
Surgeon Superintendent J D V Krishnan
Physician K Damodaran
E E N & T Specialist T A Narayanan
Dental Surgeon, Raj Sethi
Medical Officers, S K Ghosh B B Bhattacharjee, M S Kapur, R N Ghosh Mandra Pratap Singh Atma Nand Saxena, Suresh Chandra Chakraborti, N C Bhattacharyya
Resident Surgeon, Deva Prosad Ghosh
Resident Physician, Aswini Kumar Mukherji
Anaesthetist, Murari Mohan Sen
Lady Doctors, Miss C A Harris Mrs S Bose
Chief Welfare Officer, A Hussain
Lady Welfare Officer Miss S K Manik
Casualty Doctor, Subodh Chandra Haldar
Assistant Quantity Surveyor G C Chatterjee
Chief Malaria Officer S Roy Chowdhury
Entomologist C R Rao
Malaria Officers R N Sen K Goldsmith J N Putatunda A M Roy
Inspectors of Labour Welfare, J V Bhave M R Kurrey Mahamood Hussain
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Director V A Choudary
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Central Employment Co ordination Officer S A Chatterji
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Regional Directorate of Resettlement and Employment Assam

'Grove Side' Keating Road P O Shillong

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Employment Liaison Officer A A Ahmed
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Sub Regional Employment Officer, Shillong P O, S C Bhagabati
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Sub Regional Employment Officer, Rajballav Prasad
Assistant Employment Officer, Ram Sakal Tiwary
Officer in Charge Camp Office Kumardhubi Rajnandan Pd
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District Employment Officer Gaya Bansidhar Prasad
District Employment Officer Bhagalpur, Maheshwari Prasad
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Employment Liaison Officer, B S Gokral
Assistant Director of Training D K Datar
Asstt Inspector of Training A K Srivastava

Employment Exchanges –

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Sub-Regional Employment Officer Lal Darwaja, Ahmedabad, A N Venkatarao
Sub Regional Employment Officer Club Road Hubli, O W Prahlad
Sub Regional Employment Officer Mulji Jetha Building, Station Road Jalgaon, Y D Mahajan
Sub-Regional Employment Officer, 481 *Sardar Mudaliar Road Poona*, K D Advani
Sub Regional Employment Officer, Opposite Railway Lines Sholapur P A Gomes
Sub-Regional Employment Officer, Opp Dist Court, Surat, D S Chandanshive
District Employment Officer Paga Building Old Palace Kolhapur C S Girap
District Employment Officer Collector's Office, Belgaum U B Pardeshi
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Training Centres/Institutes—

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Principal Industrial Training Institute, Aundh Camp, Poona S N Sawant
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Employment Officer Bhilwara (Udaipur), P N Tandon
Employment Officer Stock Exchange Bldg, Bikaner, Shankar Singh
Employment Officer Municipal Bldg, Central Hall Inside Sojati Gate Jodhpur Ranjitmal Singhvi
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Training Centres/Institutes—

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Asstt Inspectors of Training J M S Chaudhury H B Sarker

Employment Exchanges

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Sub-Regional Employment Officer 27 *Moulana Abul Kalam Azad Road Howrah* A Dutt Roy
Sub-Regional Employment Officer, 99 1 *Circular Garden Reach Road Kidderpore* S K Ray
Sub Regional Employment Officer 40 *Middle Road Barrackpore*, A C Chakravorty
Sub Regional Employment Officer 38 *Dr Nichol's Road Asansol* S N Bhose
Sub-Regional Employment Officer Old Secretariat Buildings Meadow Bank Road Darjeeling, S K Dutt
Dist Employment Officer 20 A *Sinanpuri Lane Goukhana Road, Serampore*, R Das Gupta

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Dist Employment Officer, Chingleput, C A Bhaktavatsalam
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Asstt Employment Officer (Technical) Kozhikode, N P Pillai
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Asstt Employment Officer Coimbatore, Vacant
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Dist Employment Officer Kakinada, M S Ramanujam
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Dist Employment Officer Guntur, K V R Choudary
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Principal, Industrial Training Institute, Anantapur A Ramalingam
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Asstt Geologist, C Nageswara Rao, M Sc

CHEMICAL SECTION

Chemist, Dr R K Dutta Roy, M Sc (Dacca), Dr Ing (Hanover), F N I
Asstt Chemists R B Ghosh, B N Sen, B Sc, M K De M Sc (Dacca) A R I C, P D Malhotra, M Sc A N Chowdhury, M Sc, N C Das, M Sc B I, S C Chakraborty, M Sc K M Ghosh B Sc A K Majumdar, B Sc (Cal) D I C (London)

MINERAL DEVELOPMENT DIVISION

(i) *Economic Geology Section*

Suptdg Geologist in charge V P Sondhi, M Sc, F N I (*Dy Director*)
Geologists S P Nautival M Sc P K Chatterjee, M Sc S Krishnaswamy B Sc (Hons), A I S M M C Poddar B Sc, A I S M P K Ghosh, B Sc (Mining) D R S Mehta, A I S M, S Narayanaswamy B Sc (Hons) M A, M K Roy Chowdhury M Sc Mukti Nath, M Sc, S C Chakraborty M Sc N A Vemban M Sc D Gupta B Sc K D Shukla M Sc
Assistant Geologists Dr B N Sinha, M Sc D Sc (C S M) K S Mahapatra A I S M, D M Sen, B Sc (Mining) (Banaras), M A Anandalwar B Sc R A Nagrajaiah B Sc, V Venkatesh B Sc (Hons) M A B Srikantan M Sc G G K Sastri M Sc G Venkateswara Rao M Sc Dr M R Subramanyam B Sc (Hons) M A (Madras) Ph D (Edin), D K Chatterjee B Sc C S Raja Rao M Sc S K Ramaswamy, B Sc (Hons) N Venkatappayya, M Sc S N Puri M Sc, P C Sogani M Sc V K S Varadan, A I S M A R S M B Sc (Spl) (Lond) B R Narayanamurthy B Sc (Hons), S Venkatadesikachar, M Sc K Ganeshan A I S M, A R S M B Sc, (Spl) (Lond)

(ii) *Geophysical Section*

Chief Geophysicist, M B Ramachandra Rao, M Sc (Mysore) M A I M E
Geophysicists B S Negi M Sc (Lucknow), Geol E, M G P E (C S M), L N Kallasam M Sc, M S (St Louis)
Assistant Geophysicists A Roy M Sc, Mrs K Sarma, M Sc S N Sen Gupta M Sc, M N Suryanarayana Rao M Sc, P C Paul M Sc, P M Mathew M Sc

ENGINEERING GEOLOGY & GROUND WATER DIVISION

Superintending Geologist in Charge Dr P K Ghosh, M Sc (Cal), D I C, Ph D, D Sc (Lond), F N I
Geologists, G C Chaterji, B Sc (Hons), A I S M, K K Dutta, A I S M, M S Balasundaram, B Sc (Hons), M A, V Subramanyam, B Sc (Hons), M A A K Roy, M Sc V S Krishnaswamy B Sc (Hons)
Assistant Geologists, R K Sundaram, M Sc, S C Awasthi, M Sc A Mitra, M Sc, D N Sett, B Sc. (Hons), D Venkataramanan, B Sc (Hons), B D Pathak, M Sc, M C Basu Rai Chowdhury, M Sc, A Acharya, M Sc. (Cal), M S Geol E (C S M), P B Srinivasan, B Sc (Hons), B Ramchandran, B Sc (Hons), G Sethu Madhava Rao, M Sc, M S Jain, M Sc, Viswanath Prasad, M Sc

CIRCLE OFFICES

Nothern Circle, 18, *Hana Pratap Marg, Lucknow*
Superintending Geologist in-Charge, Dr A G Jhingran, M Sc (Banaras), Ph D (Durham)
Geologist, G Kohli, M Sc
Assistant Geologists, Dr F Ahmad, M Sc, Ph D, S M Mathur M Sc, Kedar Narain, M Sc, G V Rao, M Sc, J P Srivastava, M.Sc, B N Raina, M Sc, Dr M V N Murthy, B Sc (Hons) (Mysore), A I I Sc, Ph D (Glasgow), F G S, C Nageswara Rao M Sc

Western Circle, Botawalla Chambers, Pherozshah Mehta Road Bombay

Superintending Geologist in Charge, Dr B C Roy B Sc (Cal), A I S M, M Sc (Lond), D I C, Dr Ing (Freiberg)

Geologist, C Karunakaran, M Sc

Assistant Geologists, B F Mehta, B Sc (Hons), T K Kurien M Sc Y S Sahasrabudhe, M Sc V R Venkoba Rao B Sc (Hons)

Central Circle, near A C Guards, Saifabad, Hyderabad (Dn)– 4

Superintending Geologist in Charge, A B Dutt, M Sc F G S

Assistant Geologists Dr B N Sinha M Sc, D Sc, (C S M) N V B S Dutt M Sc J Narayana murthy, M Sc K Rajarajan, B Sc (Hons) C Nageswara Rao, M Sc

Hyderabad Circle near A C Guards, Saifabad, Hyderabad (Dn)– 4

Superintending Geologist, A B Dutt, M Sc, F G S

Geologists P V Rao, A I S M, Hamzah Ali, A I S M, M S (C S M) D S Deshmukh M Sc, F G M S

Chemist, Dr K V Rao, D Sc

Eastern Circle 27 *Chowringhee Road, Calcutta*—13

Superintending Geologist in Charge, N K N Aiyengar B A (Mysore) M A, B L (Cal), F G S

Geologist Mukti Nath M Sc

Assistant Geologists, G H S V Prasada Rao, M Sc, Y G K Murty, M Sc, M N Deekshitulu, B Sc (Hons), A S L Singha Hunday, M Sc T M Mahadevan M A, M Sc, A R Gokulam B Sc (Hons) B N Jayaram, M Sc (Mysore) Dr S V P Iyengar M Sc (Mysore) D I C Ph D (Lond) F G S S N P Srivastava, M Sc, Ch Narasimha Rao, M Sc

North Eastern Circle, 27, *Chowringhee Road, Calcutta*—13

Superintending Geologist in Charge, A M N Ghosh, B Sc (Cal), B Sc (Hons) (London), A R C S

Geologists, B Laskar, A I S M S N Sen M Sc, G Kohli M Sc

Assistant Geologists G N Dutt, M Sc T Banerjee M Sc

Southern Circle, 4/5, *D Subra Road, Madras*—4

Superintending Geologist in-Charge Dr A K Dey, B Sc (Cal), D I C Ph D (London)

Geologist C Ramaswamy, M Sc

Assistant Geologists, Dr A P Subramaniam, M Sc, (Banaras), A M, Ph D (Princeton) F G S, M Ziauddin B Sc (Hons) M V A Sastry, M Sc V Gopal B Sc (Hons) M Krishanamurthy, M Sc C K R K Sastry, B Sc (Hons) A Damodaran B Sc (Hons), M A, C Gouri shankar, B Sc (Hons) M A, N G K Murthy M Sc T M Rao M Sc, D Venkataramanan, B Sc (Hons) K Ranganathan, B Sc (Hons), M A, B R C Iyengar, B Sc (Hons) (Mysore), A I I Sc

Indian Bureau of Mines, New Delhi

Director, V R Khedker

Deputy Directors, H R Dewan, S S Malhotra

Special Officer, B Banerjee

Assistant Directors, V Kalyanasundram (*at present in the Planning Commission*), V S Pradhan, A K Bose H V Sharma

Field Officers, B G Deshpande, Y M K Chandra Chowdhry, B Mukerjee P Kar

Deputy Mining Engineer, G V D Upadhyaya

Assistant Mining Engineer, G V Rao

Drilling Foreman, F M Fisk

Drillers, M P Pande R D Sinha

Assistant Chemist, B Bhattacharyya

Indian School of Mines and Applied Geology, Dhanbad, Eastern Rly

Principal, Dr R P Sinha, B Sc, Min & Met (Edin) Ph D (Edin) A H W C (Min Eng) Vans Dunlop Research Scholar (Edin) Certificated Colliery Manager (U K) M M G I

Professor of Metal Mining & Surveying Prof S K Bose B Sc (Hons) (Min London), A R S M, M M G I, F G M S

Professor of Coal Mining & Mining Machinery, Prof D N Prasad A I S M M M G I, F G M S, Certificated Colliery Manager

Professor of Chemistry Fuels & Metallurgy, Dr H N Das Gupta, M Sc, D Sc

Professor of Geology Prof N L Sharma M Sc (Banaras & Liverpool), F G M S, M M G I, M I S F

Professor of Engineering, Prof N R Das Gupta, B Sc (Hons) (Cal), B Eng (Sheffield)

Senior Lecturer in Metalliferous Mining R S Bafna B A, A I S M (Min) F G M S, A M I M M A I M E

Senior Lecturer in Mineral Dressing Dr K K Majumdar, M Sc, D Phil, M A I M E Assoc Inst M M, A R I C

Senior Lecturer in Surveying & Drawing, B Bhattacharyya B Sc, A I S M

Senior Lecturer in Coal Mining, T V Lakshmanan A I S M Colliery Manager's Certificate

Senior Lecturer in Mining Machinery K V Subrahmanyam B A (Madras) B Sc (B H U) Colliery Manager's Certificate

Senior Lecturer in Mineralogy & Petrology Dr M S Sadashivaiah B Sc (Hons), M Sc, D I C, Ph D (Lond) F G S F G M S

Senior Lecturer in Mechanical Engineering G K D Upadhyaya A H W C (Edin) A M I E E

Senior Lecturer in Electrical Engineering M S Pal, B A B Sc (Eng) (London) A M I E

Senior Lecturer in Chemistry & Assaying B B Niyogi B Sc

Senior Lecturer in Physics & Mathematics S N Mitra M Sc

Senior Lecturer in English M Benson, M A (English & French)

Survey of India, Post Box No 37, Dehra Dun, U P

Surveyor General Brig I H R Wilson F R I C S, M I S (Ind)

Deputy Surveyor General K L Dhawan B A, M I S (Ind)

Asstt Surveyor General Major O P Anand, A M I S (Ind)

Map Publication Directorate

Director Colonel Gambhir Singh, M I S (Ind)

Northern Circle Directorate

Director M M Ganapathy, B A

Eastern Circle Directorate

Director Colonel R S Kalha M I S (Ind)

Dy Director M R Nair B A A M I S (Ind)

Southern Circle Directorate

Director, Lt Col I S Paintal A M I S (Ind)

Dy Director J C Berry, M I S (Ind)

Geodetic & Training Circle Directorate

Director, F R Wilson, B A, M I S (Ind)

Dy Director, J C Ross, A R I C S M I S (Ind)

Zoological Survey of India, 34, Chittaranjan Avenue, Calcutta 12

Director, Dr S L Hora, D Sc (Punjab et Edin), F R S E, C M Z S M I Biol, F A S, F Z S I, F N I

Assistant Superintendents, Dr B S Chauhan M Sc, Ph D, F Z S, F A Sc F Z S I, Dr K S Misra, D Sc F Z S, F Z S I, M N Datta M Sc, F Z S I, Dr K K Tiwari, M Sc, Ph D, Dr B Biswas, M Sc, D Phil

Curator, Zoological Galleries, Indian Museum, K S Pradhan, M Sc

Assistant Zoologists, M N Acharji, M Sc, Dr H C Ray, M Sc, D Phil, A G K Menon, M A M Sc

MINISTRY OF PRODUCTION

Minister K C Reddy

Parliamentary Secretary R G Dubey, M P

Secretary, A K Chanda* S S Khera (*to succeed*)

Joint Secretary S Jaganathan I C S

Deputy Secretaries Saroop Krishen, I C S, P M Nayak I C S

Under-Secretaries D S Benegal S K Guha, I A S S C Nandy P V V Sarma

Private Secretary to the Minister, D S Borker

Section Officers K N Nagar S Krishnaswamy S Koteswaran K Subrahmanyan Daulat Singh K L Tuli

Private Secretary to the Secretary K R S Acharya

Assistant Private Secretary to the Minister, P Lakshmanan

Chief Mining Engineer, Railway Board, 1, Council House Street, Calcutta

Chief Mining Engineer Rly Board L S Corbett

Superintendent of Collieries, Kargali, P C Bhattacharjee

Superintendent of Collieries Giridih D R Bagroy

Asstt Superintendent of Collieries, Kargali, S C Dey

Asstt Superintendent of Collieries, Talcher C R Sharma

Coal Superintendent Dhanbad S N Shagal

Dy Coal Superintendent Secunderabad, S K Ghosh

Coal Commissioner's Organisation, Calcutta

Coal Commissioner Chairman Coal Board, R K Ramadhyani I C S

Secretary to Coal Commissioner K Ramaswamy

PRODUCTION

Chief Mining Engineer, Railway Board and Dy Coal Commissioner (Production) L S Corbett

Joint Dy Coal Commissioner (Production), B L Ohri

Dy Asstt Coal Commissioner (P) M S Monga

Dy Asstt Coal Commissioner (S) S Roy Chowdhury

Dy Asstt Coal Commissioner, D K Dutta

Administrative Officer (Production), K Mitra

Superintendent of Collieries, Giridih D R Bagroy

Supdt of Collieries, Kargali, P C Bhattacharjee

Coal Superintendent, Dhanbad, S N Sahgal

Asstt Supdt of Collieries, Kargali, S C Dey

Asstt Superintendent of Collieries Talcher, S K Ghosh

Manager, Kurharbaree Colliery, C Bairam

Manager, Serampore Colliery, B R Pal

Manager, Kargali Colliery, I S Jain

Manager, Jarangdih Colliery, A N Banerjee

Manager, Bokaro Colliery, B R Pooley

Manager, Sawang Colliery, C L Dhown

Manager, Bhurkunda Colliery, H N Nandy

Manager, Argada Colliery, K S R Chari

Manager, Kurasia Colliery, B K Ghosh

Manager, Talcher Colliery, G D Ghatak

Manager Deulbera Colliery, R S Mathur

Asstt Manager, Serampore Colliery, W J Page

Asstt Manager, Bokaro Colliery, P N Lahiri

Asstt Coal Supdt K P Docks, S Yegneswaran

Asstt Coal Supdt, Jharia Colliery, G B Sadhu

Asstt Coal Supdt, Sijua N Chandra

Asstt Coal Supdt, Dishergarh M L Gupta

Asstt Coal Supdt Charanpur, S Bose

Asstt Coal Supdt Raniganj T V George

Asstt Coal Supdt, Pench Valley, J N Saidha

Asstt Coal Supdt, Singareni, S D Banerjee

Elec & Mech Engineer, Kargali, Vacant

Elec & Mech Engineer, Giridih, C R Voller

Asstt Elec Engineer, Kargali, K G Bhindwale

Deputy Coal Supdt, Secunderabad C R Sharma

Manager, Coke Ovens, S Banerjee

Labour Welfare Officer, Giridih, L Singh

Labour Welfare Officer, Kargali, S Banerjee

* Due to take up post as Comptroller and Auditor General of India in August 1954 according to present arrangement

Officer-in-Charge, Lignite Investigation, H K Ghosh
Food Supply Officer, Kargali, A K Ghatak
Asstt Medical Officer, Dr H C Chatterjee

DISTRIBUTION

Deputy Coal Commissioner, M L Shome
Jt Dy Coal Commissioner, S V M Sundaram
Chief Combustion Engineer, P B Purkayastha
Asstt Coal Commissioners, A K Dutt, A L Ritchie
Dy Asstt Coal Commissioners David Sen, S K Bose, S K Roy, I P Dube, Bir Bakhshi, C Mukherjee

Hindustan Cables Ltd

3 RIVER ROAD CHITTARANJAN, W BENGAL

General Manager B K Mitter
Purchase and Sales Officer G D Saha
Plant Superintendent, K K Banerjee
Chief Inspector and Technical Assistant, J Das Gupta
Chief Tester and Technical Assistant, S P Banerjee
Operating Superintendents K P Pillai, B S Prasanna B K Madhavan Nair
Accounts Officer A K Basu
Stores and Transport Officer, M S Das Gupta

Hindustan Housing Factory, Ltd

JANGPURA NEW DELHI

Managing Director, R B Sasakh Singh
Technical Director C G Thorborg
Head of Administration Department S Dayal Singh
Head of Purchase Department, S Mohkam Singh
Secretary Board of Directors and Head of Accounts and Costing Planning and Co ordination S Rajindar Singh
Head of Foam Concrete Department and Laboratory A Nielsen
Head of Woodwork Department G Djupsjo
Head of Prestressed Concrete Deptt L Kempt
Head of Workshop and Maintenance J B Kullmann
Head of Designs Department H Ambye
Head of General Co ordination C D Kapur

Hindustan Machine Tools Limited, Jalahali P O, Bangalore

Managing Director Attab Rai
General Technical Manager S S Iyenger

Hindustan Shipyard Limited

GANDHIGRAM P O, VISHAKAPATNAM

Managing Director R L Gupta I C S
Technical Director Paul Maerten
Chief Shipyard Manager R Satger
Controller of Stores, H V Karve
Chief Accountant, A Seshagiri Rao
Administrative Officer, V S Narayanan
Secretary, M V Hate
Naval Architect Jal G Patell

Nahan Foundry, Limited, Nahan

General Manager Gandharv Sain
Manager Ram Chand
Organiser Agencies Surat Ram
Agencies Manager R C Malhan

Indian Penicillin Committee, King Edward Road, Parel, Bombay 12

Chairman Dr B B Dikshit Surgeon General with the Govt of Bombay Ballard Estate, Bombay
Members, Dr G Sankaran Officer in Charge, K R Aravamuthan Under Secretary to the Govt of India Ministry of Finance (Industry and Commerce Division) Hararwala Building, Wittet Road Ballard Estate Bombay
Chief Bacteriologist Dr S R Sarvotham

National Instruments Factory, 15, Wood Street, Calcutta 16

Superintendent, Mukherji, Bhabesh Chandra M Sc
Technical Manager P Dinkel
Works Manager, Mahajan, Parshotam Chand, M Sc, M Sc (Tech)
Assistant Works Managers, P S Paul, A N Sen M Sc D C Roy M Sc D I C
Accounts Officer S K Dutta B A
Labour Officer, O Maheepathi, M A
Assistant Surgeon Dr K K Das

Office of the Salt Commissioner, 'P' Block, Rajpura Road, New Delhi

Salt Commissioner S C Aggarwal
Deputy Salt Commissioner B S Lamba
Assistant Salt Commissioners S K Das Gupta Sheo Prasad Srivastava V S Sekhon
Accounts Officer, D N Banerjee
Administrative Officer, P N Dhir

OFFICE OF THE DEPUTY SALT COMMISSIONER EXCHANGE BLDG, SPROTT ROAD BALLARD ESTATE BOMBAY 1

Deputy Salt Commissioner P K Sarkar
Asstt Salt Commissioners K I Gambhir P J Cooper, B V Shah
Supdts of Salt, D V Dange I M Jhalla A D Adhikari S A Kadri, S S Vyas
Supdt cum Chemist, G V Dange

OFFICE OF THE DEPUTY SALT COMMISSIONER WHITE LODGE 48 HARRINGTON ROAD CHETPUT MADRAS

Deputy Salt Commissioner N C Mitra
Assistant Salt Commissioners, R K Das Ghulam Anwar Ghulam Ali
Supdts C V Rama Krishna Pillai R Murgesam Pillai S A M Maraicayar A J James A Subramaniam H N Banerjee

OFFICE OF THE ASSISIANT SALT COMMISSIONER 11 CHITTARANJAN AVENUE CALCUTTA

Assistant Salt Commissioner M K Chatterjee
Supdts S N Ghosh K Swaminathan

OFFICE OF THE GENERAL MANAGER, SAMBHAR LAKE (RAJASTHAN)

General Manager H J Everden
Electrical & Mech Engineer B S Rathore
Assistant Surgeon Dr I P Udawat
Treasury Officer, M Veeraraghavah Naidu
Assistant General Manager B K Roy
Superintendents of Salt, S P Kapoor D V Kritikar Jogindra Singh W R Mehta K L Saham S S Prasad B N Lahiri

MANDI SALT MINES MANDI (HIMACHAL PRADESH)

Mining Engineer C I Malhotra

Office of the Special Officer, Machine Tools Industry

Room No 315, Block 8 Shahjahan Road New Delhi

Special Officer S S Iyengar B E (Mech) M I E (Ind) M I Mech E (Lond)
Officer on Special Duty H D Doongaji B A (Hons) M A, LL B

Penicillin Factory, Pimpri (Near Poona)

Chief Project Officer, K C Grover
Chemical Engineer Dr H F Edulji
Director (Laboratory) Dr K Ganapathy
Services Engineer B V Raman
Chief Mycologist Dr M Hirumalachari
Chief Bio Chemist, Dr D Ghosh
Chief Organic Chemist, Dr R P Kaushal
Bio chemical Engineer C Narsimachari

Sindri Fertilisers and Chemicals Limited, Sindri P O, Manbhum District, Bihar

Board of Directors

Chairman, Secretary to Ministry of Production Govt of India
Directors Sir J J Ghandy Lala Shri Ram K R P Aiyangar (Joint Secretary Ministry of Finance Land (Division Govt of India), Narayan Mahtha, M P P C Bhattacharyya (Financial Commissioner, Railways) S R Vasavada, M L A (Bombay) A B Chatterji I C S (Managing Director)

Administrative Staff

Managing Director A B Chatterji I C S
Controller of Accounts and Sales Manager M K Mathuli
Personnel Manager P C Chakravarti
Town Administrator P Das
Public Relation Officer, S M Wasi
Purchase Officer V Seshadri
Stores Officer Lochan Singh
Secretary to Managing Director S N Dandona
Assistant Controllers of Accounts R Srinivasan S S Seshadri
Senior Medical Officer Dr B C Aich

Technical Staff

General Superintendent F Benson Gyles
Superintendent (Production) Dr Ing H Grimm
Superintendent (Maintenance) Johannes Doll
Superintendent (Power Plant) A George Lorgan
Dy Superintendent (Instrumentation) M N Roy Choudhury
Technical Secretary to Managing Director Dr K L Ramaswamy
Deputy Superintendents (Power Plant) M P Mehta B N Bose
Chief Chemist Dr K M Chakravarty
Deputy Superintendent (Mechanical Maintenance) T N Rao
Deputy Superintendent (Electrical Maintenance) N S Shankariah
Plant Manager (Sulphate) K C Sharma
Plant Manager (Ammonia) I Simon
Plant Manager (Gas) Dr S K Mukherjee
Plant Manager (Coke Ovens), Dr A N Bose
Chief Technologist Dr K R Chakravarti

MINISTRY OF REHABILITATION

Minister, Ajit Prasad Jain
Private Secretary to Minister H D Pradhan I P S
Deputy Minister I K Bhonsle
Private Secretary to Deputy Minister G N Lotekar
Adviser, Mehr Chand Khanna
Private Secretary to Adviser, Des Raj
Secretary C N Chandra I C S
Private Secretary to Secretary, A Sethumadhavan
Joint Secretaries K P Mathrani I C S Nakul Sen, I C S
Hony Adviser, Shrimati Rameshwari Nehru
Deputy Secretaries Savitri Prasada P G Zachariah, M K Narayanan Khushi Ram
Officer on Special Duty Dr S P Chablani
Deputy Technical Adviser D N Lindlaw
Under Secretaries V P Sud K D Gupta
Assistant Secretaries J N Mathur Manmohan Kishan Onkar Dayal Kanwar Bahadur, K P Misra V P Bhatnagar

BRANCH SECTT, CALCUTTA

Deputy Secretary A S Bam, I C S
Under Secretaries, S Majumdar S K Sen, P K Mahapatra

CUSTODIAN GENERAL OF EVACUEE PROPERTY, NEW DELHI

Custodian General, Sankar Saran
Private Secretary to Custodian General, S Narula
Deputy Custodian General, Chhakan Lal

CUSTODIANS OF EVACUEE PROPERTY, DELHI—AJMER

Custodians, Dwarka Das Suri Dr Tara Chand

CHIEF SETTLEMENT COMMISSIONER, NEW DELHI

Chief Settlement Commissioner and Ex-Officio Joint Secretary, N C Shrivastava, I C S

SETTLEMENT WING, KHAN MARKET, NEW DELHI

Settlement Commissioner (Headquarters) C N Sen

Under-Secretary and Assistant Settlement Commissioner M L Puri

Assistant Settlement Commissioner K S Kane

CLAIMS WING, METCALFE HOUSE, DELHI

Settlement Commissioners, Jugal Kishore Khanna, R K Vaish

MINISTRY OF STATES

Minister Dr Kailas Nath Katju

Secretary, C S Venkatachar, I C S

Joint Secretaries V Viswanathan I C S G Swaminathan

Deputy Secretaries C Ganesan S Narayana swamy

Under Secretaries H C Mahindroo B Das A N Sachdev P Herd

Assistant Secretaries K N V Nambisan S K Ayyangar M M Thomas

Private Secy to M I S Anantakrishnan

Private Secy to Secy Mangal Chand

Section Officers I P Verma, B B Chakravarty, K Raja Ram M P Rodrigues D Krishna murti Tara Singh S Srinivasan B D Joshi S C Dhawle S P Kaul

MINISTRY OF TRANSPORT

Minister Lal Bahadur Shastri

Deputy Minister O V Alagesan

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Deputy Secretaries S K Ghosh S N Chib I S Parasuraman C Parthasarathy

Under Secretaries S N Banerji, D D Suri R S Bam K Narayanan

Private Secretary to the Minister, G Santhanam

Private Secretary to Deputy Minister K Narayanan

Private Secretary to Secretary P I Gupta

Assistant Secretary, S K Venkatachalam

Section Officers I N Bhatt S S Shivapuri Brahm Prakash Gian Singh, B K Dey A N Chopra A N Chatterji, D V R Warriar J S Uppal Kishan Chand K V N Menon Jaswant Singh, Dayal Dass

ROADS ORGANISATION

Consulting Engineer (Road Development) and Joint Secretary to the Government of India H P Mathrani, I S E

Additional Consulting Engineer to the Government of India (Roads) H P Sinha I S E

Deputy Consulting Engineer (Roads), Goverdhan Lal

Deputy Consulting Engineer (Bridges), S I Bazaz

Planning Officers D G Bhagat, C P Subhiah P T N Navar, Hardyal

Deputy Materials and Plant Officer, R S Bhalla

Deputy Standards Officer, H Sunder Rao

Officer on Special Duty C S Anantapadmanabhan

Divisional Engineers (Consultant), M B Lal P C Poonaa J M Trehan, T G Sadarangani, N D Mirchandani, M P Nagarsheth, R L Gursahani, J Subrahmanyam, B P Patel, N S Surya, M B Mitra

Assistant Engineers (Consultant), N Sen, S K Rajagopalan B N Ghose, M D Menon, M G Oza, A J D'Costa A Mukerjee

Assistant Engineers (Grade I), N S Ramaswami T N Bhargava, D R Upadhyaya

Assistant Engineers (Grade II), Jaswant Singh B S N Murthi, D T Grover, M K Navaney K M Chandiramani S L Kathuria H B Gajria, G Venkatesulu

Under Secretaries, K Ranganathan P V Gopalan, V M Perulekar

Assistant Secretary M Massey

Section Officers, W N Seth C I Goyal Harbans Singh Brij Ratan Lal N Radhakrishnan Banwari Nath, Fateh Chand, C V Narayanan

REGIONAL TOURIST ORGANISATION

Regional Tourist Officer Churchgate Bombay I Khushal Singh

Regional Tourist Officer Esplanade Mansions 14 16 Government Place East Calcutta Dhiraj Ghosh

Regional Tourist Officer 88 Queensway New Delhi I H K Sen

Regional Tourist Officer 18 1 Mount Road, Madras Miss S G Kalyanpur

Tourist Information Officer Agra Club The Mall Agra K N Kudesia

Tourist Information Officer The Mall Banaras Cantt R K Saksena

Central Standards Office for Railways, 'N' Block Raisina Road, New Delhi

Deputy Chief Controller of Standardization In Charge B S Sindhu

Deputy Chief Controller (Civil) V Venkata ramayya

Asstt Chief Controller (Specifications & Records) R Rajagopalan

Architect N B Shroff

Assistant Chief Controller (Mech) (Carriage and Wagon) G Pershad

Assistant Chief Controller (Civil) I C Mohindra

Assistant Chief Controller (Civil) II, M Menezes

Assistant Chief Controller (Coach Building) B I Batlur

Sectional Officer (T D O) I S Bhasra

Establishment Officer Lal Das

Assistant Chief Controller (Loco) R Krishna murti

Inspecting Officer for Railways Sahg Ram

Inspecting Officer for Railways (Locos & Boilers) R K Sethi

Sectional Officers K S Krishnan, A V Srinivasan

Civil Aviation Department* Talkatora Road, New Delhi

Director General of Civil Aviation I C Jain I C S

Deputy Director General (A) K M Raha

Deputy Director General (T) M G Pradhan

ADMINISTRATION DIRECTORATE

Director of Administration N Ramakrishna

Assistant Directors of Administration G W Balchandani K Sachidanandam Gian Singh

AIR ROUTES AND AERODROMES DIRECTORATE

Director of Air Routes and Aerodromes, R K Nandi

Deputy Directors, G D Singh, A D Mehta G B Singh

Assistant Director (Equipment), P B Bagchi

Assistant Director (Operations), M L Parashar

Aerodrome Inspector, M D Sundararajan

Assistant Director (Estates), Manohar Singh

TRAINING AND LICENSING DIRECTORATE

Deputy Director (Training and Licensing), G S Subramaniam

Chief Inspector of Flying, G C Arya

Assistant Director (Examination & Licensing) N C Khanna

Assistant Director (Training & Education), S G Deshpande

AIR TRANSPORT DIRECTORATE

Director of Air Transport, B M Gupta

Dy Director of Air Transport I C Puri

Assistant Directors of Air Transport P S Warrior, S K Godbole

Accounts Officer A Varadachari

Operations Officer S Jagadish Chandran

INFORMATION AND REGULATIONS DIRECTORATE

Director of Information and Regulations S C Sen

Assistant Director, Conventions Agreements and Legislation D S Bhatti

Assistant Director of Information and Publications Babar Mirza

AERONAUTICAL INSPECTION DIRECTORATE

Director of Aeronautical Inspection K I Puri

Deputy Directors of Aeronautical Inspection I Sen S H King

Senior Aircraft Inspectors M D Naik R Prasada M G Thadaney, R C Manocha

Aircraft Examiner, N Varadarajan

ACCIDENT INVESTIGATION BRANCH

Inspector of Accident, Y R Malhotra

Aircraft Examiner, K O Cheriyan

AERONAUTICAL COMMUNICATION DIRECTORATE

Director of Communication C R Rao

Deputy Director of Communication S C Bose

Assistant Directors of Communication G M Moswceny R Misra A J Mirchandani

Senior Technical Officers K R Bharucha Om Prakash, J Pattabhiraman

Senior Communication Officers D S Rampuri R C Sen W S Williams V K P Naidu

RESEARCH AND DEVELOPMENT DIRECTORATE

Deputy Director of Research and Development P Nilakantan

Senior Scientific Officer S Ramamritham

Technical Officers, H I Gurshani V K Rao

AIR TRANSPORT LICENSING BOARD

Secretary Air Transport Licensing Board G I Shahani

India's Representative on the Council of the I C A O Montreal D Chakravarti

AIR ROUTES AND AERODROMES ORGANIZATION

Controllers of Aerodromes Santokh Singh (*Bombay*) I K Dey (*Madras*) G D Nandi (*New Delhi*) D S Jung (*Dum Dum*)

AERONAUTICAL INSPECTION

Dir Aero Inspection Office Bangalore A W Francis

Controllers of Aeronautical Inspection M H Paranjpye (*New Delhi*) E J Lark (*Bombay*) M N Sitaram (*Dum Dum*) M I Sodhi (*Bangalore*)

COMMUNICATION ORGANIZATION

Controllers, A R Ravi Varma (*New Delhi*) C I Ahuja (*Dum Dum*) N V S Iyengar (*Bombay*) A R Ramanathan (*Madras*)

Controller Central Radio Stores Depot New Delhi A I Srivastava

Controller Radio Constr and Dev Units New Delhi, P S Rangachari

Principal, Civil Aviation Training Centre Allahabad R N Kathju

Delhi Road Transport Authority

General Manager, B K Lall

Chief Accounts Officer, R Srinivasan

* Under the Ministry of Communications

Directorate General of Shipping

'Commerce House Ballard Estate, Bombay

Director General of Shipping B P R Patel I C S
Deputy Directors General of Shipping P R Subramanian C P Srivastava I A S
Officer on Special Duty C A Buch
Assistant Directors General of Shipping S V Kailasapathy Shiv Charan Das
Executive Officers D P Thakur T K Sarangan V K Gopalan Nair
Research Officer D N Phull
Nautical Adviser to the Government of India Captain J R Davies
Nautical Surveyor, Captain G S Singh
Chief Surveyor with the Government of India I A Keith
Engineer Surveyor V R Rajagopalan

NAUTICAL & ENGINEERING COLLLGE
Azad Maidan, Fort Bombay 1

Principal P Alexander
Lecturers in Engineering P D Abreao, W A Raghavan
Lecturers in Navigation M G Datar D C Mitter, P M Sarma
Lecturer in Mathematics (Engineering) D S Dingwaney
Lecturer in Mathematics and Science, K V Sastry

TRAINING SHIP DUFFERIN OFF MAZAGON BOMBAY 10

Captain Superintendent Captain M F S C Harvey
Chief Officer D G Hazari
Executive Officers N K Kershaw, Inderjit Singh
Medical Officer Dr E Wilkinson
Lecturers, P N Varma B N Mistry, V H Patel, P Krishnan Kutty, S Mohan

DIRECTORATE OF MARINE ENGINEERING TRAINING

Azad Maidan Fort Bombay 1
Director J S H Stevenson
Officer in Charge, T K T Srisailam
Lecturer in Engineering R S Rawal
Supervisor of Workshop Training, K K Ghosh
Lecturer in Applied Science M S Tambe
Calcutta—30, *Gorachand Road, Calcutta*—14
Lecturers in Engineering S Kasthuri, K S Subramanian I Gogoi, T T Mansukhani D A Mathew
Lecturers in Applied Science A Subba Rao
Supervisor of Workshop Training, P N Mathur
Medical Officer, Dr S N Sen

MERCANTILE MARINE DEPARTMENT

Bombay—Commerce House Ballard Estate Bombay
Principal Officer B K Gupta
Engineers & Ship Surveyors K Parthasarathy P N Rabady T S Rajan, V R Rajagopalan
Nautical Surveyors, M S Patel, S K Kumarhia P S Vanchiswar
Ship Surveyor R C Karnick
Wireless Telegraphy Inspector P G Blake
Calcutta—'Marine House Hastings, Calcutta
Principal Officer, Captain T B Bose
Nautical Surveyors, Lt Commdr G Harries, V V Javadekar
Senior Engineer & Ship Surveyor S A Samson
Engineers & Ship Surveyors S Ratra, K Rama krishna
Ship Surveyor, H C Raut
Wireless Telegraphy Inspector, B B Sengupta
Madras—Old High Court Buildings, G T, Madras
Principal Officer, T Berry
Visakhapatnam—
Nautical Surveyor, C Sankunni

TRAINING SHIP 'BHADRA
H Berth, King George s Dock, Calcutta

Captain Superintendent Captain J Meneely
Executive Officer, P P Rye
Engineer Officer, J Pestonjee

TRAINING SHIP MEKHALA, VIZAGAPATAM PORT

Captain Superintendent Captain R J Sampson
Executive Officer, D P Srivastava

MAJOR PORT AUTHORITIES

Chairman Commissioners Calcutta R Gupta I C S
Chairman Madras Port Trust G V Iyyar, I C S
Chairman Bombay I I Gholap, I C S
Adm Officer, Cochin M S Venkataraman
Dep Commissioner Kandla M Ganpati

GOVERNMENT SHIPPING OFFICES

Calcutta—Marine House Hastings Calcutta
Shipping Master Commdr E V Bobb
Deputy Shipping Master P V Rajagopalan
Assistant Shipping Masters P C Ghosh N R Chakravarti
Bombay—Gulam Mohammed Bldg 10 *Nicol Road Ballard Estate, Bombay*
Shipping Master R U Patel
Deputy Shipping Master R V Chalam
Assistant Shipping Masters V S Nayak R N Trilokekar

SEAMEN'S WELFARE ORGANISATION

Bombay Gulam Mohammed Bldg Ballard Estate Bombay
Principal Seamen s Welfare and Caribian Passage Officer I Krishnan
Calcutta—Marine House Hastings, Calcutta
Principal Seamen s Welfare Officer K C Rai
Madras—
Seamen s Welfare Officer (Ex Officio) T Berry

Lighthouse Department

Engineer in Chief Lighthouse Department & Chief Inspector of Lighthouses in India New Delhi, S K Lahiri
Superintendent of Lighthouses Bombay J W Orr I C S
Superintendent of Lighthouses Madras T Berry
Superintendent of Lighthouses Calcutta, Capt I B Bose
Deputy Superintendent of Lighthouses, Saurashtra Kutch Jamnagar, P K Dave
Engineer, Lighthouse Department, M C Chaudhuri
Executive Engineer & P A to the Engineer in Chief K R Bose
Electrical Engineer B K Rakshit
Assistant Engineer (Electrical), B S Srivathsa
Assistant Engineers (Civil), S L Kapoor, C V Chaubal
Engineer Supervisor, Lighthouse Workshop Madras C D Hallburn
Mechanic in Chief Lighthouse Workshop, Bombay N C Bout

Railway Board, New Delhi

Chairman and Member (Engineering), F C Badhwar
Financial Commissioner, P C Bhattacharyya
Member (Staff), V Nilakantan
Member (Transportation), S S Vasist
Director, Finance (Budget), D P Mathur
Director, Civil Engineering, H K L Sethi
Director (Establishment), P N Saxena
Director, Finance (Expenditure), N C Deb
Director, Mechanical Engineering, P Morris
Director, Traffic (General), A K Basu
Director, Traffic (Transportation), Ranjit Singh
Director, (Rail Movement) Calcutta, B C Malik
Director (Research) Lucknow, S L Kumar
Director (Railway Equipment), K L Ghei
Economic Adviser, L A Natesan
Secretary, Havali Ram
Joint Director, Civil Engineering, R L deba
Joint Director, Establishment, V T Narayana Menon
Joint Director, Mechanical Engineering, P C Kapoor
Joint Director, Finance (Budget), K V Kasturi Rangan
Joint Director, Finance (Establishment), D Sandilya
Joint Director, Traffic (General), S K Guha
Joint Director, Traffic (Transportation), P H Sarma
Assistant Secretary P Lal
Deputy Director (Stat), G Rama Rao
Deputy Director, Telecommunication, I C Bhatt
Deputy Director, Establishment (I), S L Jain
Deputy Director, Establishment (II) R Srinivasan
Deputy Director Finance (Expenditure I) M L Mukerjee
Deputy Director, (Finance Expenditure II), V Krishan
Deputy Director, (Rail Movement Calcutta) J L Dutta Gupta
Deputy Director (Railway Equipment) P N Talwar
Deputy Director (Traffic Transportation), Rajendra Dev
Deputy Director, (Rail Movements Moghalsarai), B D Mehra
Assistant Directors A Hildreth *(Railway Equipment)* P M Narasimhan *(Establishment I)* P S Doraiswamy, *(Establishment II)* V Sriraman *(Traffic Commercial)* Kanwar Bahadur *(Establishment III)*
Special Assistant to Chairman A Mascarenhas
Officers on Special Duty, I K Verma *(Co-operative Societies)*, P Sahai, *Trans (Power I)*, K C Bansal *Trans (Power II)* M M Lal *Trans (Power III)* G P Shahani, *(Ganga Bridge I)* S S Verma *(Ganga Bridge II)* Walter Frey *(Ganga Bridge III)* G C Sen *(Forms Standardisation)*, Surjan Singh, *(Traffic Code)* M V S Sarma *(Stat)*

Railway Clearing Accounts Office, Kishenganj, Delhi

Director, K S A Padmanabhan
Deputy Director P R Puri

Railway Inspectorate, Simla—3.

Chief Government Inspector of Railways, Simla, P N Mubayi C E (Hons), F P W Inst, M I E (India)
Government Inspector of Railways, Bombay, R C Sood C I, M I E (India)
Government Inspector of Railways Calcutta, D C Desai, B E, M I F (India), A M I Struct E F P W Inst
Government Inspector of Railways, Lucknow (at Calcutta), K C Patilak, C E (Hons), M I E (India)
Government Inspector of Railways, Bangalore, A K Gupta, B Sc (Hons) (Edin), A M Inst C E F P W Inst

MINISTRY OF WORKS, HOUSING AND SUPPLY

Minister, Sardar Swaran Singh
Secretary, M R Sachdev
Deputy Secretaries, T C Puri, I C S, K K Sharma I A S, S P Saxena, N P Dube
Housing Adviser, C B Patel
Director, International Housing Exhibition, L G Selvam
Under Secretaries, G Jagathpathi, I A S, M V Nilakanta Ayyar, S R Gupta J K Roy, J S Mongia, Braham Prakash, H K Bansal, M N Kale
Private Secy to Minister, Z S Bams
Private Secretary to Secretary, Mohan Behari Lal

Central Public Works Department
(Central Office New Delhi)

CHIEF ENGINEER, M S Mathur, I S E
Administrative Officer, C S Edward
P As to Chief Engineer, K G Rajagopalan, R Manecksha
ADDITIONAL CHIEF ENGINEER (WESTERN ZONE), J M Rijhwani I S E
P A to Addl Chief Engineer, G R Hingosani
SUPERINTENDING ENGINEER 1ST CIRCLE, NEW DELHI, D R Bahl
Executive Engineer, Services Division, O P Mittal
Executive Engineer, Central Stores Division, T S Sodhi
Executive Engineer Ajmer Central Division, Ajmer, C L Puri
Executive Engineer, Nagpur Central Division Nagpur, T P Bolakani
Superintendent, Horticultural Operations New Delhi, A P Lancaster
SUPERINTENDING ENGINEER II CIRCLE, NEW DELHI, K M Bhatia I S E
Executive Engineer A Division S G Puthri
Executive Engineer B Division M K Siva subramanian
Executive Engineer, C Division, M M Patel
Executive Engineer, D Division, H C Goel
Executive Engineer, E Division I S Chopra
Executive Engineer, President's Estates Swamy Dayal
SUPERINTENDING ENGINEER CENTRAL CIRCLE NEW DELHI C P Malik
Executive Engineer, Construction Division No I T B Bhonsle
Executive Engineer Construction Division No II, Pooran Chand
Executive Engineer, Construction Division No III R P Mhatre
Executive Engineer, Diplomatic Enclave Division P B Ghosh
Executive Engineer Simla Central Division Simla C P Goine
Executive Engineer, U P Central P W Division Dehra Dun, P D Chawla
SUPERINTENDING ENGINEER, DELHI STATE CIRCLE NEW DELHI M I Nanda
Executive Engineer, Delhi State Division No I S V Motwani
Executive Engineer, Delhi State Division No II S K Bose
Executive Engineer E Division J S Malkani
Executive Engineer, Water Works Division, A K Sen Gupta
Executive Engineer Special Division K S Raja Ram
SUPERINTENDING ENGINEER PLANNING CIRCLE (WESTERN), NEW DELHI, N G Dewan, I S E
Executive Engineers H D Nargolwala B D Ahuja, N M Malkani, T J Makhijani
SUPERINTENDING ENGINEER REHABILITATION CIRCLE, NEW DELHI, V D Bhandari, I S E
Executive Engineer, Rehabilitation Division No I, N N Iyengar (*Addl Charge*)
Executive Engineer, Rehabilitation Division No II, R K Saha
Executive Engineer, Rehabilitation Division No III, K B Menon
Executive Engineer, Rehabilitation Division No IV, M Abdul Hafeez
Executive Engineer, Rehabilitation Stores Division, M V Subramanian
Executive Engineer, Development Division, G N Maity
Assistant Engineer, Incharge Madhopur Independent Sub Division, Madhopur, C D Dhamani

SUPERINTENDING ENGINEER, WESTERN ELECTRICAL CIRCLE, NEW DELHI, H P Chatterji
Electrical Engineer Central Electrical Division No I, A J Raju
Electrical Engineer, Central Electrical Division No II, S Ray Chowdhary
Electrical Engineer Air Conditioning Division S K Bhattacharya
Electrical Engineer Mechanical & Workshop Division, K I Obhrai
ADDITIONAL CHIEF ENGINEER (EASTERN ZONE), NEW DELHI, R P Barman, I S E
P A to Addl Chief Engineer (Eastern Zone) V R Vilsh
SUPERINTENDING ENGINEER CALCUTTA CENTRAL CIRCLE, CALCUTTA, T H Dixon
Executive Engineer, Calcutta Central Division No I B M B Ghosh
Executive Engineer Calcutta Central Division No II O P Mohindra
Executive Engineer, Mint Division R R Tomar
Executive Engineer Assam Central Division, Gangtok N N Dutt
Executive Engineer Calcutta Aviation Division No I Balbir Singh
Executive Engineer Calcutta Aviation Division No II Des Raj
Officer on Special Duty and Executive Engineer C & S E Calcutta Central Circle N V Rao
SUPERINTENDING ENGINEER HIJLI PROJECT CIRCLE KHARAGPUR O Muthachen
Executive Engineer, High Building Division No I V Sankaran
Executive Engineer High Building Division No II, I D Raj
Executive Engineer, Kharagpur Central Division J C Chakravarty
Executive Engineer, Fertilizer Project Division, Sindri John Mukand
Executive Engineer, Dhanbad Central Division Dhanbad S Narain
SUPERINTENDING ENGINEER PLANNING CIRCLE, EASTERN ZONE, NEW DELHI B K Guha
Executive Engineer, Delhi Aviation Division A K Das
Engineer Officer Central P W D New Delhi, D Dutt
SUPERINTENDING ENGINEER BOMBAY CENTRAL CIRCLE BOMBAY M Hanif
Executive Engineer, Bombay Central Division, S D Pathak
Executive Engineer, Nasik Central Division, Nasik K Rama Verman
Executive Engineer, Coorg Central Division, Mercara, S H Abhyankar
Executive Engineer Madras Central Division, Madras, N Rama Rao
Executive Engineer, Bombay Aviation Division No I, N G Bhojwani
Executive Engineer, Bombay Aviation Division No II R G Gokhale
Executive Engineer, Madras Aviation Division, Madras, V Kandaswamy
SUPERINTENDING ENGINEER, EASTERN ELECTRICAL CIRCLE NEW DELHI A B Sen
Electrical Engineer Central Electrical Division, No I, Calcutta K S Veeraraghavan
Electrical Engineer, Central Electrical Division, No II, Calcutta, N Krishnaswamy
Electrical Engineer, Central Electrical Division, Bombay, P K Bannerji
Electrical Engineer, Aviation Electrical Division, Calcutta, A K Kanji Lal
Electrical Engineer, Aviation Electrical Division, Bombay, R P Sareen
Assistant Electrical Engineer Incharge, Independent Electrical Sub Division, New Delhi, R Vishwanathan
Assistant Engineer (Electrical), M & T Independent Sub Division, Calcutta, M V Mahabalam

ARCHITECT BRANCH, CENTRAL PUBLIC WORKS DEPARTMENT
Chief Architect, S K Joglekar, F R I B A, A M I P I
Architect G B Doolalikar, F R I B A F I I A
Senior Architects, S P Satsangi, A R I B A F I I A S R Yardi F R I B A, A M T P I, R L Gehlote F R I B A F I I A, T J Manickam, T R I B A A M T P I B Sc, B E B Arch (L Pool) Diploma C D, H Rehman B C (Cal) M Archn (M I T)
Junior Architects J M Benjamin A R I B A A I I A R V Arankale G D Arch A I I A, V M Pundlik, G D Arch, A I I A, D M Godbole, G D Arch F I I A, C D Sharma G D Arch A I I A A R I B A M H Koli, G D Arch A I I A, P K Nagarkar G D Arch, A I I A M S Gurjar G D Arch, A I I A R K Thakur G D Arch A I I A Dip T P (Edin) A M T P I (London), D V R Rao B Sc, B E, B Arch (L Pool) A R I B A P J Joshi A R I B A (London) A I I A D G Badhire G D Arch, A I I A

Department of Explosives, Shahjahan Road, Hutments (Block 9), New Delhi 2.

Chief Inspector of Explosives, New Delhi M K Maitra, Ph D (London), D I C, F R I C
Deputy Chief Inspector of Explosives, New Delhi, B N Pal, M Sc
Inspector of Explosives, West Circle, Bombay S N Lahiri, M Sc
Inspector of Explosives, East Circle, Calcutta, I K Lahiri M Sc, A R I C
Inspector of Explosives, North Circle, Agra S C Roy, M Sc
Inspector of Explosives, South Circle, Madras V A Chandrasekharan M Sc
Inspector of Explosives, East Circle, Calcutta, G N Vadehra M Sc (Tech)
Inspector of Explosives, Central Circle Nagpur, S N Gupta, B Sc
Inspector of Explosives Chemical Laboratory, Calcutta B N De M Sc
Inspector of Explosives on Special Duty, New Delhi, M P Mukherji, M Sc
Inspector of Explosives, New Delhi K Sankaran, M Sc
Asstt Inspector of Explosives, West Circle, Bombay, V S Paranipe, M Sc
Asstt Inspector of Explosives, North Circle, Agra, J K John, M Sc (Tech)
Asstt Inspector of Explosives, South Circle, Madras, V K Krishnamurthy, M A, A R I C
Asstt Inspector of Explosives, East Circle, Calcutta I N Murty, M Sc (Tech)
Asstt Inspector of Explosives, East Circle, Calcutta, N K Sanyal, M Sc
Asstt Inspector of Explosives, West Circle, Bombay T S Phadnis, M Sc (Tech)
Asstt Inspector of Explosives, South Circle, Madras C Ramaswamy, B Sc (Hons)
Asstt Inspector of Explosives East Circle, Calcutta, Charunjit Lal, M Sc (Tech)
Asstt Inspector of Explosives, North Circle, Agra, A K Ohdedar, M Sc (Tech)
Asstt Inspector of Explosives, Central Circle, Nagpur, B R Dave B Sc (Tech)
Asstt Inspector of Explosives, West Circle, Bombay, P K Sen Gupta, M Sc
Asstt Inspector of Explosives, South Circle, Madras, K S Subramanyam, B Sc
Asstt Inspector of Explosives, Central Circle, Nagpur, K A Ramakrishnan, M A
Administrative Officer, Office of the Chief Inspector of Explosives in India, New Delhi, N C Chatterji

Directorate General of Supplies and Disposals

(Headquarters Office)
Shahjehan Road New Delhi

Director General of Supplies & Disposals, M R Sachdev, I C S

ADMINISTRATION BRANCH

Director (Administration and Co ordination), B Shiv Charan Singh

Deputy Directors Karam Chand Calindi Ram

Section Officers I P Bhatnagar G I Gupta K I Chugani I K Balasubramanian, Tara Chand Rajput R C Mehra Ram Sarup Gupta Karori Lal R Rajagopalan R Dayal Din Dayal N R Seekand Jagat Singh, Jagat Naram Jain O P Talwar

CO ORDINATION BRANCH

Deputy Directors J G Kumaramangalam B D Kumar

Section Officers A R Iyer C P Jacob K Venkataraman Budh Parkash P C Banerjee Lachmi Narain

STATISTICS DIRECTORATE

Director, S N Mitter

Deputy Directors J G Ghosh A D Rao

Section Officers S Venkatesan N A Pillai R S Kapur G N Pant P B Choudhury J C Paul

SUPPLIES WING

Deputy Director General (Supplies), P S Gupta

RAILWAY STORES DIRECTORATE

Director of Supplies I S Mathur

Deputy Directors (Supplies) N K Thadani, F W Stevens

Asstt Directors (Supplies) C V B P Rao, S C Agrawal Bhagwan Singh I Gomez M N Krishnamurthy K N Narayanan M Srinivasa Rao S I Chatterjee

Section Officers, G N Pant G I Bhartiya V S Vaid, P P Talwani Ram Kishore S R Vasishta S N Gupta

ENGINEERING STORES DIRECTORATE

Director of Supplies S I Thadani

Deputy Directors (Supplies) K Krishna I S Sud, P I Sipahimalani

Asstt Directors (Supplies) K J Shenoy P A Rao M N Roy P R Sheorey P D Garg, C M Rohatgi

Section Officers S P Sikka S Vaithilingam, N R Subramanian D C Sen Gupta, Bhim Sen, B K Varma

CHEMICAL & MISCELLANEOUS STORES DIRECTORATE

Director of Supplies V N Kohli

Deputy Directors (Supplies), B Sengupta A D Rao

Assistant Directors (Supplies), S Venkatesan, N R Law, S S Puri Ardaman Singh S N Banerjee, M J Srivastava, Rameshwar Dayal

Section Officers S Gopalakrishnan, S R Sharma, B D Gupta S K Joshi Rajinder Singh, G M Dilwaria

TEXTILE AND LEATHER STORES DIRECTORATE

Director of Supplies, I N Khanna

Deputy Director (Supplies), J L Chopra

Asstt Directors (Supplies) K N Puri Joginder Singh Hari Har Prasad, S S I Rohatagi, M A Khan M Singh

Section Officers, M C Verma M B Keswani, Hari Mohan, S R Gupta O P Gupta, Bhagat Ram

IMPORTS AND SHIPPING

Deputy Director S S Venkatakrishnan

Section Officers Barkat Rai Mehta N R Barat

STEEL & RAILWAY CELL

Deputy Director C L Katial

Asstt Directors P V Kuppuswami S K Dutt, G P Kapur

Section Officer K R Sharma, K I Mehta R K Chandra

COTTAGE INDUSTRIES

Officer on Special Duty P C Chowdhury

DISPOSALS WING

Director S C Murgai

Deputy Directors P Nath S K Joseph

Asstt Directors, I P Kapoor B C Sharma S D S Parmar K K Kaul

Section Officers I N Sharma B I Harish C Muthuswamy M R Sehgal K C Stokes

STATISTICS AND MISCELLANEOUS AND VEHICLES STORES DIRECTORATE

Director S N Mitter

Deputy Directors I C Ghosh P P Sarkar

Assistant Directors V Subramanian I K Tarachandani P B Chowdhury

Section Officers C S Bhasin C S Ahluwalia R S Kapur

DIRECTORATE OF SUPPLIES AND DISPOSALS

6 Esplanade East Calcutta

Director of Supplies and Disposals K C Khosla

Deputy Directors of Supplies D P Gazdar Asadul Haq

Deputy Directors of Disposals Manmohan Singh V V Chandrasekharan

Asstt Directors (Supplies) H I Gulati P C Das Gupta S Chatterjee K C Bhattacharjee B N Khanna

Asstt Director of Shipping P V Ramanathan

Asstt Director (Reparations Accounts) S N Nivogi

Asstt Director (Stores & Stores Accounts Organisation) S Vaidyanathan

Asstt Directors (Disposals), A Mukherjea M K Govind K K Santra A K Balasubramanyam

Asstt Director (Administration) M N Lal

CASS ORGANISATION

Ordnance Officers (Civilian), C Balasubramanian V B L Chopra M I Kohli S Jayaraman I K Roy

Civilian Assistant Security Officer I P Khanna

DIRECTORATE OF SUPPLIES AND DISPOSALS

Sajit Building, Graham Road Ballard Estate, Bombay

Director of Supplies & Disposals E H Nallaseth

Deputy Director of Supplies B C Mazumdar

Asstt Directors of Supplies, K A Abbas K N Kakkar, Mrs Maud D Costa

Asstt Director of Shipping, S Ray

Asstt Director (Administration), D K Kadu

Asstt Directors of Disposals, C V Kamath P C Gupta M T Subarathnam

DIRECTORATE OF SUPPLIES AND DISPOSALS UNITED INDIA LIFE BLDG, ESPLANADE, MADRAS

Deputy Director of Supplies & Disposals, K N Rao

Asstt Director of Disposals, B A Shenoy

GOVERNMENT TEST HOUSE, 11/1, JUDGES COURT ROAD ALIPORE CALCUTTA

Director S N Mukherjee (No 3) (offg)

Deputy Director (Chemical), Dr U K Benegal

Deputy Director (Physical) S N Mukerjee (No 3)

Asstt Directors (Physical) R C Bagchi K D Battacharya, S N Mukherjee (No 2)

Asstt Directors (Chemical) K C Bhattacharya, M K Haldar P B Mitra

Asstt Director (X-Ray) N C Bagchi

Asstt Director (Administration) C V Narayan

INSPECTION WING
(Headquarters Office)
Shahjahan Road New Delhi

Dy Director General (Inspection) F Ashmore

ENGINEERING

Directors of Inspection, K N Sharma, M N Mukherjee R I Ramachandra

Dy Director of Inspection A K Majumdar

Asstt Directors of Inspection G K Pradhan G K Ahuja

Asstt Inspecting Officers V B Alekar H C Ghulati, Kartar Singh

TEXTILES

Asstt Director of Inspection Randhir Singh

Section Officers A S Lokanathan P K Sinha A N Malhotra

NORTH WEST INDIA INSPECTION CIRCLE
Shahjahan Road New Delhi

Deputy Director (Inspection) M N Samanta

ENGINEERING

Inspecting Officer, H S Grewal

Assistant Inspecting Officers I C Vidwans K I Kapur S S Thakur

TEXTILES

Assistant Inspecting Officers I I Sharma S K Chandhuri

CALCUTTA INSPECTION CIRCLE

1 Ramesh Chandra Avenue Calcutta 13

Director of Inspection R N Sarma

ENGINEERING

Officer on Special Duty (Rolling Stock) P K Chakrabarty

Dy Directors of Inspection K N Mookerjee P R Parker S S Roy S N De S K Mitter

Inspecting Officers P C Sinha K R Toshey B N Majumdar N Gupta S N Mukerjee B R Barua M M Bose

Assistant Inspecting Officers A C Majumdar B N Mittra I K Roy H D Bahar P I Das S K Ghosh A S Sethi T D Banerjee M I Mukerjee S P Roy Harnam Singh P I Kathuria R N Dhingra B K Srivastava U S Sivakoor H I Ghosh, N S Sounde H A Romer M B Prabhu A N Chatterjee N Bose R K Agarwal H B Neik P C Kapur P V Raman R M Rakshit L M Roy S R Gupta P C Roy B N Bhattacharya K K Das R N Gupta B Banerjee

TEXTILES

Inspecting Officer H C Banerjee

Assistant Inspecting Officers, S P Banerjee, A K Pramanick

ADMINISTRATION

Assistant Director (Administration), S Narayan Swami

BOMBAY INSPECTION CIRCLE,
Feltham House Ballard Estate, Bombay

Director of Inspection, S C Banerjee

ENGINEERING

Dy Directors of Inspection, J B Mukherjee, J M Marathe

Inspecting Officers, S R Rao, K Krishnan

Assistant Inspecting Officers, G S Athavale V B Kudalkar, R C Chaturvedi, E Durrant, G Kuppuswamy M S S Rao I K Thaker, G N Gidwani B T Gulrajani P R Movdawala G S Savkar Dambarudhar Gogoi, S A Irani V V Rangnekar D T Gursahani Y K Muranjan

TEXTILES

Inspecting Officers, I L Patel, S Somanathan T V Rao

Assistant Inspecting Officers P R Dalvi, G M Gadre A V Kamat

ADMINISTRATION

Asstt Director of Administration, S H Kulkarni

MADRAS INSPECTION CIRCLE

United India Life Building, Esplanade, Madras

Dy Director of Inspection, V S Rangasayi

ENGINEERING

Inspecting Officer Syed Ian

Assistant Inspecting Officers C S Subbaraman R R Rowe C S Rao S G Tarange P Chatterjee

TEXTILES

Inspecting Officer B V Raman

Assistant Inspecting Officers C Pattappan K G Sastri

METALLURGICAL INSPECTION CIRCLE, JAMSHEDPUR

METALLURGICAL

Director of Inspection, E H Bucknall

Deputy Directors of Inspection K I Banerjee, P C Ray Chaudhury

Metallurgist, S C De

Asstt Directors of Inspection S C Bose, S K Tahiry, I K Warrier

Asstt Metallurgist (Gr I) K K N Nambiar

Assistant Inspecting Officers V C Pillay C M Murthi M R Patel B C Mukherjee K C Dutta Gupta K N Tulla G V Halwe D P Sen S N Das Gupta

Assistant Metallurgists (Gr II), B M Pai M S Hyder

ADMINISTRATION

Asstt Director of Administration, A N Patro

BURNPUR METALLURGICAL INSPECTION

Deputy Director of Inspection S C Tahiry

Assistant Directors of Inspection, B R Nagar T G V Rao

Assistant Inspecting Officers D K Ray K S Krishnamurthy

KANPUR INSPECTION CIRCLE
4/286, Nawabganj, Kanpur

ENGINEERING

Deputy Director of Inspection, S N Das Gupta

Assistant Inspecting Officer, A N Kampani

TEXTILES

Inspecting Officer, S R Kochhar

Assistant Inspecting Officers, S C Bakshi R C Mathur

Government of India Forms Press, Civil Lines, Aligarh

Manager D P Mukherji

Assistant Manager A S Krishnamurthi

Labour Officer G P Srivastava

Medical Officer Dr Pearey Lal

Government of India Forms Store, 166, Dharamtala Street Calcutta

Manager of the Forms Press and Forms Store R Ramaswamy (Master Printer)

Assistant Manager Forms Store C L James

Superintendents S P Mukherji B com P A Swaminathan MA A C W A (Lond)

Accountant S C Nandi B Sc

Government of India Forms Press, 1, Temple Street, Calcutta

Overseer K C Pal

Accountant J K Pal B A LL B

Government of India Press, 8, Hastings Street, Calcutta 1

Manager P K Roy

Assistant Manager (Administration) P K Banerjee

Assistant Manager (Technical) I I Thomas

Labour Officer I N Rastogi

Government of India Press, New Delhi

Manager M K Majumdar

Assistant Manager (Administration) Hans Raj Jain

Assistant Manager (Technical) S Sarthy

Assistant Manager (Technical) G Matthen

Labour Officer, H N Pande

Government of India Press, Simla

Manager M K Majumdar

Assistant Manager (Administration) A Bhawani Shankar

Assistant Manager (Technical) T N Nihan

Overseers S S Malhotra R S Nillar

Accountant D N Jairath

Press Medical Officer, N N Gera,

Printing and Stationery Department, New Delhi

Controller of Printing and Stationery C A Subrahmanyan

Deputy Controller (Headquarters) M M Saklani

Assistant Controllers Printing I N Srivastava, N Visvanathan F J Grant

Assistant Controller (Headquarters) Shambu Ram

Inspector of Stationery (New Delhi) S Thyagarajan

Inspector of Printing I R Hopper

Inspector of Stationery (Calcutta) B Pal

Assistant Controller Printing (O P) Calcutta, V Ramachandran

Section Officers J C Paul Ratan Singh Jiwan Das Des Raj Vij R R Soni A Bhawani Shankar V S Kumhotri

SUPREME COURT OF INDIA, PARLIAMENT HOUSE, NEW DELHI

Chief Justice of India The Hon'ble Mr Justice Mehr Chand Mahajan

Judges The Hon'ble Mr Justice Bijan Kumar Mukherjea The Hon'ble Mr Justice Sudhi Ranjan Das The Hon'ble Mr Justice Vivian Bose The Hon'ble Mr Justice Ghulam Hasan The Hon'ble Mr Justice N H Bhagwati The Hon'ble Mr Justice B Jagannadhadas The Hon'ble Mr Justice T L Venkatarama Ayyar

Registrar P N Murty B A LL B

Taxing Officer & Dy Registrar K Krishnaswami Aiyar M A B L

Dy Registrar Shivcharan Das Goswami B A, LL B

Asstt Registrars S N Sharma Guru Datta, B A LL B Kedar Nath Gupta B A LL B

Editor Supreme Court Reports A N Chona B A LL B

UNION PUBLIC SERVICE COMMISSION

Dholpur House, P Box 186, Shahjahan Road, New Delhi 2

Chairman R N Banerjee I C S

Members A A A Ivzee S V Kanungo N Govindarajan C B Nagarkar I C S, N K Sidhanta

Secretary D C Das I C S

PARLIAMENT OF INDIA

(For list of Members see under article 'General Elections')

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INDIAN POLITICAL REPRESENTATIVES ABROAD

EMBASSIES

Country	Station	Designation	Name	Address
AFGHANISTAN	Kabul	Ambassador	Bhagwat Dayal	Shahr e Arad, Kabul
		First Secretary	Vacant	
		Military Attache	Col N K Lal	
		Cultural Relations Officer	Girdhari Lall Puri	
		Press Attache	Mahabir Sahai	
		Registrar	S C Mukherjee	
ARGENTINA	Buenos Aires	Ambassador	Vacant	Lavalle 462 (5th Floor), Buenos Aires
		Charge d Affaires	G J Malik (First Secretary)	
		Information Officer	M D Shahane	
		Second Secretary (Commercial)	V C Vijaya Raghavan	
		Third Secretary	A K Mitra	
BELGIUM	Brussels	Ambassador	P A Menon (Also Minister to Luxemburg)	62 Avenue Franklin Roosevelt, Brussels
		First Secretary	Shardul Bikram Shah	
		Second Secretary (Commercial)	N Kesavan	
BRAZIL	Rio De Janeiro	Ambassador	H H Raja Jogindr Sen Bahadur of Mandi	Rua Barao de Flamengo 22, Apt 801 802, Rio De Janeiro
		First Secretary	A B Bhadkamkar	
		Information Officer	H S Vahali	
BURMA	Rangoon	Ambassador	K K Chettur	Randeria Buildings, Phayre Street, P Box No 751, Rangoon
		First Secretary	M A Rahman	
		First Secretary (Commercial)	H N Vibhakar	
		Military Attache	Col S N Thakar	
		Second Secretary	Vacant	
		Vice Consul	K C Sehgal	
		Labour Welfare Officer and Vice Consul	P Krishna Rao	
		Food Attache	J Bose	
CHILE		Charge d Affaires	G J Malik	Lavalle 462 (5th Floor) Buenos Aires
CHINA	Peking	Ambassador	N Raghavan	32 Legation Street (East) Peking via Hongkong
		Minister	T N Kaul	
		Counsellor	R Gobardhan	
		First Secretary	A H Safrani	
		Information Officer	O P Khosla	
		Food Attache	R S Nag	
		Registrar	M N Chandra	
CZECHOSLOVAKIA	Prague	Ambassador	Dharma Vira I C S	22, Thunovska Prague III
		Second Secretary	K L Dalal	
EGYPT	Cairo	Ambassador	Nawab Ali Yavar Jung (Also Minister to Lebanon Jordon Syria and Libya)	No 29 Sharia Hassan Pasha (Flat 7), Zamalak P O Box No 718 Cairo
		First Secretary	R G Rajwade	
		Public Relations Officer	K B Tandon	
		Second Secretary (Information)	P M George	
		Cypher Superintendent	P E Peachey	
	Alexandria	First Secretary (Commercial)	P Ratnam	
ETHIOPIA	Addis Ababa	Ambassador	H E Maj Gen Hiralal Atal	P O 528, Addis Ababa
FRANCE	Paris	Ambassador	Wing Commander Sardar H S Malik (Also Minister to Norway)	15, Rue Alfred Dehodeneq, Paris
		Counsellor	Y K Puri	
		First Secretary	A G Menezes	
		Military Attache	Brig P L Chopra	
		First Secretary (Commercial)	S G Ramachandran I F S	
		Information Officer	S D Kalelkar	
		Third Secretary	Kumari C B Muthamma	
		Registrar	K U Menon	
GERMANY (West)	Bonn	Ambassador	S Dutt* (Also Head of the Indian Military Mission, Berlin)	262 Koblenzerstrasse, Bonn
		First Secretary	C J Stracey	
		First Secretary	K P Lukose	
		Information Officer	Dr G K Mookerji	
		Registrar	C C Everard	
		Commercial Counsellor	B P Adarkar	
		Second Secretary	L N Ray	
	Berlin	Second Secretary	N B Menon	
INDONESIA	Djakarta	Ambassador	B F H B Tyabji	P Box No 178, 44 Kebon Sirih, Djakarta
		First Secretary	K. D Bhasin	
		Military Attache	Col A K Mitra	
		First Secretary (Commercial)	S Krishnamurthi	
		Press Attache	R N Gupta	
		Vice-Consul	Narinder Nath	

* Now acting as Secretary, Commonwealth Affairs in the Ministry of External Affairs, New Delhi, in the place of Mr M J Desai

Country	Station	Designation	Name	Address
IRAN	Teheran	Ambassador	Dr Tara Chand	Avenue Shah Raza, Teheran
		First Secretary	J K Ganju	
		Military Attache	Col J T Sataravala	
		Second Secretary	D M Jejurikar	
		Press Attache	Nazir Husain	
		Second Secretary (Commercial) (designate)	M K Roy	
		Registrar	V P Mithal	
IRELAND	Dublin	Ambassador	B G Kher (Also High Commissioner to U K)	Dublin
ITALY	Rome	Ambassador	B R Sen (Also Minister to Yugoslavia)	Via Francesco Denze, 36 Rome
		Commercial Counsellor	S S Bajpai	
		First Secretary	U S Bajpai	
JAPAN	Tokyo	Ambassador	Dr M A Rauf	Naigai Building, 5th floor, No 13-20 Chome Marunouchi, Chiyodaku, Tokyo
		First Secretary (Information)	Dr Moni Moulik	
		First Secretary (Commercial)	A S Sharma	
		Military Attache	Brig L P Sen	
		Second Secretary	Rambir Singh	
		Second Secretary (Vice Consul)	K R Narayanan	
		Information Officer	H J D Penha	
LUXEMBURG	Luxemburg	Minister	P A Menon (Also Ambassador to Belgium)	
NEPAL	Kathmandu	Ambassador	B K Gokhale	Kathmandu
		First Secretary	A S Mehta	
		Military Attache	Col M S Chinwan	
		Vice Consul cum Treasury Officer	G R Joshi	
		Attache	Dewan Kewal krishna	
		Third Secretary (Information)	S N Tripathi	
		Third Secretary (Commercial)	P N Ojha	
		Third Secretary	C B R Sharma	
		Third Secretary	B C Goswami	
NETHERLANDS	The Hague	Ambassador	B N Chakravarty	Buitenrustwag 2 The Hague
		First Secretary	S Sinha	
		Second Secretary	Narendra Singh	
		Assistant Information Officer	Jagmohan Mahajan	
NORWAY		Minister	H S Malik (Also Ambassador to France)	
SWITZERLAND	Berne	Ambassador	Y D Gundevia (Also Minister to Austria and the Vatican)	59 Thurstrasse
		First Secretary	J S Mehta	
		Second Secretary	K R P Singh	
THAILAND	Bangkok	Charge d Affaires	Gurbachan Singh	37, Phyathai Road Bangkok
		Food Attache	P D Taval	
		Vice Consul	S Krishnaswamy	
TURKEY	Ankara	Ambassador	C S Jha	No 44 Kizilirmak Sokak Kocetepe, Ankara
		First Secretary	B K Massand	
		Second Secretary	S K Chowdhury	
		Military Attache	Lt Col R K Tuli	
		Press Attache	S N Chopra	
		Registrar	K G Nair	
UNITED STATES OF AMERICA	Washington	Ambassador	G L Mehta (Also Minister to Mexico)	2107 Massachusetts Avenue N W Washington-8 D C
		Minister	S N Haksar	
		Financial Adviser	G R Kamat	
		First Secretary	J C Sakar	
		First Secretary (Commercial)	S Krishnamurti, I F S	
		Military and Naval Attache	Brig P C Gupta	
		Air Attache	W/Cdr T G Kelly	
		Second Secretary	Prithi Singh	
		Assistant Military Attache	Major B B Mathur	
		Assistant Air Attache	H C Rai	
		Third Secretary	Vacant	
		Under Secretary	Bal kishan	
		Registrar	Dharam Deva	
		Asstt Accounts Officer	J Lopes	
		Public Relations Officer	P I Bhandari	
		Information Officer	I Pande	
		Secretary (Education Dept)	M S Sundaram	
		Dy Secretary (Education Dept)	R K Kapur	
		Dy Secretary (Education Dept)	D k Hingorani	
		India Supply Mission		
		Director	H A Sujan	
		Dy Director	A R khosla	
		Dy Director	J Maneksha	
		Dy Director	M B Shankar	
		Dy Director	B S Kalkat	
		Administrative Officer	C M Bhimaya	
		Asstt Director	B K Palit	
		Asstt Director	K K Nag	
		Shipping Liaison Officer	K V Kamath	
		Accounts Officer	Satish Chandra	

Country	Station	Designation	Name	Address
UNITED STATES OF AMERICA—(*contd*)	New York	Director India Information Services	O Rahman	
		Information Officer	G H Jansen	
USSR	Moscow	Ambassador	K P S Menon	No 6 & 8 Ulitsa Obukha, Moscow
		First Secretary	R D Sathe	
		Second Secretary	P N Kaul	
YUGOSLAVIA		Minister	B R Sen (Also Ambassador to Italy)	
		HIGH COMMISSIONS		
AUSTRALIA	Canberra	High Commissioner	General K M Cariappa (Also High Commissioner to New Zealand)	Civic Centre Canberra
		First Secretary	P Ratnam	
		Registrar	D J Sen Gupta	
	Sydney	First Secretary	Munilal	
		Trade Commissioner	S V Patel I F S	Prudential Bldg 39 49 Martin Place Sydney
CANADA	Ottawa	High Commissioner	R R Saksena	200, McLaren Street, Ottawa, Ontario
		First Secretary	S Gupta	
		Information Officer	P N Agarwala	
		Commercial Attache	R Axel Khan	
		Registrar	R S Chavan	
CEYLON	Colombo	High Commissioner	C C Desai	Gaffoor Building P O Box No 47 Fort Colombo
		First Secretary	V S Charry	
		First Secretary (Commercial)	K R J Khilnani I F S	
		Second Secretary	K S Pillai	
		Second Secretary	Kumari K Rukmini	
		Second Secretary (Information)	M R Sivaramakrishnan	
NEW ZEALAND	Wellington	High Commissioner	General K M Cariappa (Also High Commissioner to Australia)	Wellington
		First Secretary (Commercial)	B Sanyal	
PAKISTAN	Karachi	High Commissioner	Dr M S Mehta	Valika Mahal Jahangir Sethna Road New Town Karachi 5
		Dy High Commissioner	J K Atal	
		Military Adviser	Col M M Badshah	
		First Secretary	M A Vellodi	
		Second Secretary	K R P Singh	
		Air Adviser	Sqn Ldr B B Marathey	
		Third Secretary	A K Ray	
		Attache (Passport and Visa)	K L Bindra	
		Attache	R R Mehta	
		Information Officer	G V Shukla	
		Registrar	V F Fernandes	
		First Secretary (Commercial)	S Jhan I F S	
		Commercial Attache	P Vaidyanathan	
		Director (Food Section)	T M Gurubaxani	
		Secretary (Trade Section)	A S Vaswani	
		Registrar (Trade Section)	J S Menon	
	Lahore	Deputy High Commissioner	N V Rao	144 Upper Mall Lahore
		Secretary	K I Khanna	
		Attache	L C Tall	
		Attache	M B C Rajan	
		Press Attache	M C Jugran	
		Registrar	K V Rajagopalan	
	Dacca	Deputy High Commissioner	B K Acharya	Baitul Aman, Mymensingh Road P O Ramna Dacca
		Secretary	S M Bhattacharji	
		Chief Visa Officer	A S Grewal	
		First Secretary	S Bhattacharji	
		First Secretary (Commercial)	P Das Gupta	
		Attache	K J Sen	
		Attache	A N Subrahmanian	
		Registrar	T B Prabhu	
SOUTH AFRICA	Johannesburg	High Commissioner	Vacant	Colkson House No 52 Commissioner Street, P Box No 8327, Johannesburg
		Assistant Secretary	J I Malhautra	
UNITED KINGDOM	London	High Commissioner	B G Kher * (Also Ambassador to Ireland)	India House, Aldwych, London, W C 2
		Commerce and Industries Adviser	(Vacant)	
		Minister	P V R Rao I C S (Services lent to the Sudanese Govt)	
		Principal Private Secretary and Political Liaison Officer	D N Chatterjee, I F S	
		Private Secretary	G K Reo	
		Legal Adviser	(Vacant)	
		Financial Adviser	A K Baksi	
		Medical Adviser	Lt Col C L Pasricha	
		Military Adviser	Brig Partap Narain	
		Naval Adviser	Capt G S Kapoor	
		Air Adviser	Gr/Cap K L Sondhi	
		Communications Adviser	M A J Vasnaik	
		Scientific Adviser and Scientific Liaison Officer	Dr S Krishna	

* On leave at the time of going to press Acting High Commissioner M J Desai, I C S (Secretary, Commonwealth Affairs, in the Ministry of External Affairs)

Country	Station	Designation	Name	Address
UNITED KINGDOM – *(contd.)*	London	Adviser on special duty	H H Maharao Madan Singh of Kutch (Personal rank of Minister)	
		Dy Financial Adviser	C K Nair	
		Railway Adviser	R H G da Cunha de Costa	
		Accounts Department		
		Chief Accounting Officer	H Wade	
		Deputy Chief Accounting Officer	A M Menon	
		Assistant Chief Accounting Officer	K P N Menon	
		Assistant Chief Accounting Officer	M L Bhargava	
		Commerce Department		
		Minister (Commercial)	L R S Singh I C S (with rank of Minister)	
		First Secretary (Commercial)	J A Shah, I F S	
		First Secretary (Commercial)	Dr P G Menon	
		Industrial Adviser	W B Moncur	
		Consular Department		
		Secretary	(Vacant)	
		Deputy Secretary	P D Runganadhan	
		Education Department		
		Secretary	Dr A M D Rozario	
		Deputy Secretary	R M J Knaster	
		Establishment Department		
		Secretary	P N Menon	
		External Department		
		Counsellor	S N Haksar I F S	
		Deputy Secretary	W B England	
		General Department		
		Secretary	S N Dutt	
		Legal Department		
		Assistant Solicitor and Assistant Legal Adviser	B N Banerjee	
		Public Relations Department		
		Public Relations Officer	S K Shastri	
		Information Officer	R C Asthana	
		Assistant Information Officer	O N Sheopuri	
		Assistant Information Officer	K N S Sarma	
		Stores Department		
		Director General	K B Rao	
		Deputy Director General	A N Seal	
		Deputy Director General	S K Mitra	
		Director of Purchase	T M Duraiswami	
		Officer on Special Duty	J Munro	
		Director of Inspection	K Ray	
		Additional Director of Inspection	K K Nasta	
		LEGATIONS		
AUSTRIA	Berne	Minister	Y D Gundevia (Also Ambassador to Switzerland)	Berne
IRAQ	Baghdad	Envoy Extraordinary and Minister Plenipotentiary	H K Khub Chand	8/8, Saft ul Deen el Hilly Street Wazirlya, Baghdad
		Second Secretary	Mahboob Ahmed	
		Vice Consul	R C Kalra	
		Second Secretay (Commercial)	Dr Jagdish Chand	
		Press Attache	Barkat Ahmed	
PHILIPPINES	Manila	Envoy Extraordinary and Minister Plenipotentiary	M R A Baig	Manila
SWEDEN	Stockholm	Envoy Extraordinary and Minister Plenipotentiary	A C N Nambiar (Also Minister to Denmark and Finland)	Strandvagen, 47IV, Stockholm
		First Secretary	M S Salt	
		Second Secretary	L N Ray	
SYRIA	Damascus	Minister	J A Thivy	Shara i Aakim, Damascus
		First Secretary	A K Dar	
THE VATICAN.	Berne	Minister	Y D Gundevia (Also Ambassador to Switzerland)	Berne
		SPECIAL MISSIONS		
MALAYA	Singapore	Representative of the Govt of India	M Gopala Menon	India House, 31 Grang Road, P Box No 836, Singapore
		First Secretary (Commercial)	J Coelho	
		Second Secretary	M M Khurana	
		Second Secretary (Information)	P K Guha	
		Attache (Consular)	P Somasekharan	

Country	Station	Designation	Name	Address
TIBET, BHUTAN AND SIKKIM	Sikkim, Gangtok	Political Officer	B K Kapur	Office of the Political Officer in Sikkim, Gangtok *via* Siliguri (West Bengal)
		Civil Surgeon	Dr S L Chopra	
		Tibet Liaison Officer	Dewan Shiv Saran Lal	
		COMMISSIONS		
ADEN	Aden	Commissioner	A S Dhawan	Aden
BRITISH EAST AFRICA	Nairobi	Commissioner (acting)	R K Tandon (Also Commissioner to Southern Rhodesia, Northern Rhodesia and Nyasaland)	Nairobi
		First Secretary	M A Rahman	
		Information Officer	K L Punjabi	
		Registrar	M Majumdar	
	Mombasa (Kenya)	Trade Commissioner	A B Thadani	Africa House, Kalindini Road, P Box No 614 Mombasa
BR WEST AFRICA	*Accra*	Commissioner	Raja Rameshwar Rao of Wana party	Accra Gold Coast
BRITISH WEST INDIES (Including British Guiana)	Port of Spain	Commissioner	B N Nanda	P Box No 530, Port of Spain, Port of Trinidad
		Second Secretary	R Jaipal	
FIJI ISLANDS	Suva	Commissioner	Dr N V Rajkumar	Vishal Bharteeva Buildings, Waimanu Road, Suva
		Assistant Registrar	G S Banavalikar	
HONGKONG	Hongkong	Commissioner	P R S Mani	Dina House, Duddel Street, Hongkong
MAURITIUS	Port Louis	Commissioner	A M Sahay	Champ de Mars, Port Louis
		CONSULATES-GENERAL AND CONSULATES		
AFGHANISTAN	Jalalabad	Vice Consul	D Sareen	Vice Consulate of India, Jalalabad
	Kandahar	Vice Consul	K L S Pandit	Kandahar
AUSTRIA	Vienna	Vice Consul	Dr K V Ramaswamy	Legation of India 17 Geyergasse, Vienna XVIII
CHINA	Shanghai	Consul General	D Murugesan	219/12 The Bund, Shanghai, *via* Hongkong
	Kashgar	Consul	Vacant	
DENMARK		Consul General (Honorary)	Victor B Strand	Strandvagen, 471V, Stockholm
EGYPT	Alexandria	Consul General	Raghunath Sinha I F S	Alexandria
GOA	Nova Goa	Consul General	V H Coelho	Rua Afonso de Albuquerque, Cidade de Goa
INDO CHINA	Saigon	Consul General	Vacant	213 Rue Catinat, Saigon
		Vice Consul	Vacant	
INDONESIA	Medan	Consul	Jagat Singh	46, Dajalan Djokia, Medan
IRAN	Meshed	Consul General	Prof Abdul Majid Khan	Khiyaban, Jahanbani, Meshed
	Zahidan	Vice Consul	Vacant	Zahidan
PONDICHERRY	Pondicherry	Consul General	Kewal Singh Choudhry	7, Rue des Capucins, Pondicherry
		Vice Consul	S J Wilfred	
		Assistant Press Attache	P J Rao	
SAUDI ARABIA	Jedda	Consul General	Mustafa Kamil Kidwai	Jedda
SIKKIM	Lhasa	Consul General	A K Sen	Lhasa, P O Gyantse, Tibet
SWEDEN	Stockholm	Consul General (Hony)	Victor B Strand	Strandvagen 471V, Stockholm
SWITZERLAND	Geneva	Consul General	S Sen	
UNITED STATES OF AMERICA	New York	Consul General	A S Lall	3 East, 64th Street, New York
		Vice Consul	R Bhandari	
		Registrar	Kumer Singh	
	San Francisco	Consul General	M A Husain	
		Registrar	Maharaj Krishen	417, Montgomery Street, San Francisco
		AGENCIES		
CEYLON	Kandy	Agent (with rank of Second Secretary)	P S Menon	Perandeniya Road, Kandy
MALAYA	Kuala Lumpur	Agent (*Actg*)	T V Ramakrishna Rao	P Box No 59, Oriental Bldg, Kuala Lumpur
SIKKIM	Gartok	Trade Agent	Lakshman Singh	C/o The P O in Sikkim, Gangtok
	Gyantse	Trade Agent	Pemba Tsering	Gyantse (Tibet) *via* Siliguri West Bengal
	Yatung	Trade Agent	S L Chibber	Indian Trade Agency, Yatung, (Tibet)
		UNITED NATIONS		
		(New India House, 3 East 64th Street, New York)		
		Permanent Representative, R Dayal		
		First Secretary, Avtar Singh		
		First Secretary, Dr B Rajan		
		First Secretary, P K Banerjee		
		Cypher Supdt, K A Lxtrosa		

INDIAN TRADE REPRESENTATIVES ABROAD

Note —In those countries where there are no trade representatives trade interests are looked after by the country's Diplomatic Missions

Designation and address	Tel Address	Sphere of activities
L R S SINGH —Commercial Adviser to the High Commissioner for India in the U K , India House, Aldwych, *London*, W C 2	HICOMIND London	United Kingdom and Eire
S G RAMACHANDRAN - -The Commercial Secretary to the Embassy of India, 15, Rue Alfred, Dehodeneq, Paris XVI eme	INDATRACOM Paris	France and Norway
VACANT -The Commercial Secretary to the Legation of India, 18, Jungfraus trasse, Berne	INDELEGATION Berne	Switzerland
S S BAJPAI —The Commercial Counsellor to the Embassy of India, *via* Lovanio, 24, Rome (Italy)	INDEMBASSY Rome	Italy, Greece and Yugoslavia
B P ADARKAR —The Commercial Counsellor to the Legation of India in Germany, 262, Koblenzer Strasse, Bonn	INDELEGATION Bonn	Germany
K V RAMASWAMY —The Indian Vice Consul Cum Attache in Austria, Legation of India, 17, Geyergasse, Vienna, XVIII	INDELEGATION Vienna	Austria
V C VIJAYA RAGHAVAN —The Commercial Second Secretary to the Embassy of India, Avenide Roque Saenz Pena 628, Buenos Aires (Argentina)	INDEMBASSY Buenos Aires	Argentina, Chile, Bolivia, Paraguay and Uruguay
A B THADANI —The Indian Government Trade Commissioner, Africa House, Kilindini Road, Post Box No 614, Mombasa, Kenya	INDOCOM Mombasa	East Africa (Kenya, Uganda and Tanganyika), Zanzibar, British and Italian Somaliland, Northern and Southern Rhodesia and Nyasaland
RAGHUNATH SINHA —Commercial Secretary to the Embassy of India in Egypt and Indian Government Trade Commissioner, Al Bassir Building, No 5, Rue Adib Bey, Issac Avenue de la Reine Nazli, Alexandria (Egypt)	INDIACOM Alexandria	Egypt, Sudan, Syria, Lebanon Cyprus, Jordan and Eritrea
S V PATEL —The Indian Government Trade Commissioner, Prudential Building, 39 49, Martin Place, Sydney	AUSTRIND Sydney	Australia
B SANYAL —The Indian Government Trade Commissioner in New Zealand, Windsor Building 49 Willis Street, Wellington	TRACOMIND Wellington	New Zealand
DR A S SHARMA —The First Secretary to the Indian Liaison Mission, Empire House, Naigai Building, Marunouchi Tokyo	INDIA Tokyo	Japan
K R K KHILNANI —The Secretary (Commercial) to the High Commissioner for India in Ceylon, Fort, Colombo	TRADIND Colombo	Ceylon
H N VIBHAKAR —The Commercial Secretary to the Embassy of India Randeria Buildings, Phayre Street, Rangoon	INDEMBASSY Rangoon	Burma
S IHAN -The Indian Government Commercial Secretary, Chartered Bank Chambers, Valika Mahal N J Sethna Road, New Town, Karachi 5	INTRACOM Karachi	Pakistan
P DAS GUPTA - The Commercial Secretary to the High Commissioner, 8, Gopikrishna Line, P O Wari, Dacca	GOODWILL Dacca	East Pakistan
J COELHO -The Indian Government Commercial Secretary, India House, Singapore (Malaya)	INDITRACOM Singapore	Malaya and Hongkong
S KRISHNASWAMY —The Vice Consul to the Embassy of India, Bangkok	INDEMBASSY Bangkok	Thailand
P R S MANI —Charge d Affaires, Legation of India, 509 511, Burke Building, Escolta, Manila	CONGENIND Manila	Philippines
Vacant —The First Secretary (Commercial) to the Embassy of India, P B No 178, Koningsplein Noord, Djakarta	INDEMBASSY Djakarta	United States of Indonesia
A S DHAWAN —The Commissioner of the Government of India in Aden	COMIND Aden	Aden
M K ROY —The Commercial Secretary to the Embassy of India, Teheran	INDEMBASSY Teheran	Iran
S KRISHNAMURTY —The Commercial Secretary to the Embassy of India, Washington	INDEMBASSY Washington	United States of America

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EMBASSIES IN INDIA

Country	Station	Designation	Name	Address
AFGHANISTAN	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Sardar Abdul Hossain Aziz	23 Aurangzeb Road, New Delhi
		First Secretary	Abdul Hamid Makhmoor	
		Second Secretary	Abdul Azim	
		Second Secretary	Faquir Mohammad	
		Economic Attache	M R Younossi	
		Press Attache	Abul Raouf Benawa	
		Attache	M Nabi Azimi	
ARGENTINA	New Delhi	Ambassador	His Excellency Rene Lawson	New Delhi
		Attache	Attilio Costanzo	
BELGIUM	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency S Halot	24, Hardinge Avenue, New Delhi
		Counsellor	Louis de San	
BRAZIL	New Delhi	Minister Counsellor	H E Senhor Frederico	8 Aurangzeb Road New Delhi
		Charge d Affaires	de Chermont Lisboa	
BURMA	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Maha Thray Sithu U Kyin	Curzon Road, New Delhi
		First Secretary	U Maung Maung Soe	
CHINA	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Gen Yuan Chung hsien	Jind House, Lytton Road, New Delhi
		Counsellor	Shen Chien	
		Counsellor for Cultural Affairs	Kang Mao-chao	
		Counsellor for Commercial Affairs	Wang Chao hsun	
		Military Attache	Col Chu Kai yin	
		Asst Military Attache	Lt Col Kan Mai	
		First Secretary	So wan Pitt	
		Second Secretary	Kang Chieh hsin	
		Second Secretary	Ling Pei hsin	
		Second Secretary	Pei Mo nung	
		Third Secretary	Hu Ping I	
		Third Secretary	Chiu Wen min	
		Attache	Madame Chang Su wen	
CZECHOSLOVAKIA	New Delhi	Ambassador Extraordinary and Plenipotentiary	H E Dr Ladislav Durdil	H 35 Connaught Circus, New Delhi
		Third Secretary	J Antos	
		Third Secretary	Z Strnadel	
		Deputy Commercial Attache	V Vetrovec	
EGYPT	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Ismail Kamel Bey	Maiden s Hotel, Delhi
ETHIOPIA	New Delhi	Ambassador	His Excellency Ras Imru Haile Sellasi	Ethiopean Embassy New Delhi
FRANCE	New Delhi	Ambassador Extraordinary and Plenipotentiary	Count Stanislas Ostrarog	2, Aurangzeb Road, New Delhi
		Counsellor	Claude de Marolles	
		Counsellor (Commercial)	Guy Chaumet	
		Military Attache	Col Maurice Raymond	
		First Secretary	Henri Costilhes	
		Second Secretary	Marcel Barthelemy	
		Second Secretary	Henri Dumont	
		Cultural Adviser	Claude Journot	
		Attache	Jean Robert	
INDONESIA	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency L N Palar	14, Aurangzeb Road, New Delhi
		Counsellor	Dr I W M Tiwon	
		Minister in charge of Economic Affairs	Dr C H V de Villeneuve	
		Attache	Isroenadi	
		Attache	Imam Soetarjo	
		Information Officer	Kapto Soenoto	
		Chief Chancellor	Soehendi Soemawinata	
IRAN	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Ali Asghar Hekmat	5, Barakhamba Road New Delhi
		Counsellor	K Davlatshahi	
		Third Secretary	M H Pouyani	
IRAQ	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Mohammed Salim Al-Radi	21 Prithviraj Road, New Delhi (Tel 40088)
		Second Secretary	Mohammad Ismail Ramadhan	
		Third Secretary	Izzat Al Khedairy	
		Chancellor	Salah ud Din Hamid	
		Private Secretary	Ghulam Naqshband	
ITALY	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Dr Alberto Berio	17, York Road, New Delhi
		Counsellor	Dr G B Toffolo	
		Secretary	Dr Remo Paolini	
		Commercial Secretary	Dr Marcello Serafini	
		Chancellor	Signor Vincenzo Buonomo	
JAPAN	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Tsutomu Nishi yama	4, Circular Road, Diplomatic Enclave, New Delhi
		Counsellor	Ichiro Kawasaki	
		First Secretary	Noboru Takasugi	
		Second Secretary	Shiro Amano	
		Second Secretary (Commercial)	Kozo Hirata	
		Third Secretary	Takumi Hosaki	
		Third Secretary	Tadamasa Tani	
		Assistant Attache	Tatsuo Kawachi	

Country	Station	Designation	Name	Address
NEPAL	New Delhi	Ambassador	His Excellency Mahendra Bickram Shah	Barakhamba Road New Delhi
		First Secretary	J N Singha	
		Military Attache	Col U B Basnyat	
		Third Secretary	Subba G M Singh	
NETHERLANDS	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Baron E C A Van Pallandt	4, Ratendone Road, New Delhi
		Counsellor	H Bos	
		Attache	C J M Kramers	
SWITZERLAND	New Delhi	Minister	His Excellency Dr M Graessli	Connaught Place Radial Road No 1, New Delhi
THAILAND	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Luang Bhadravadi	15, Aurangzeb Road, New Delhi
		Second Secretary	Pun Chongprasoet	
		Third Secretary	Phun Phanko	
		Attache	Somboon Rochanakorn	
		Attache	Soontorn Gongsakdi	
		Attache	Asa Boonyapratuang	
		Air Attache	Group Capt Pravat Jirastity	
		Naval Attache	Captain Uab Sundarasuna	
TURKEY	New Delhi	Ambassador Extraordinary and Plenipotentiary	H E Numan Tahir Seymen	Hotel Ambassador New Delh
		Counsellor	Hicabi Ekinci	
		Second Secretary	Ahmet A Akyamac	
		Commercial Attache	Adil K Gulcur	
UNION OF SOVIET SOCIALIST REPUBLICS	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency Mikhail Alexeevich Menshikov	Travancore House, Curzon Road, New Delhi
		Minister Counsellor	Alexei D Shiborin	
		Counsellor	German I Ashurov	
		Commercial Counsellor	G P Velikv	
		First Secretary	V P Stepanov	
		First Secretary	B G Lopetanko	
		First Secretary	S N Shundenko	
		First Secretary	B N Vilkov	
		Second Secretary	B E Kirnasovski	
		Second Secretary	A I Koroley	
		Second Secretary	I M Pilipenko	
		Second Secretary	V I Gidaspov	
		Second Secretary	N S Orlov	
		Attache	I Y Tarankov	
		Attache	G S Karpov	
		Attache	A D Kondakov	
		Attache	A Y Skotnikov	
		Attache	P A Timchenko	
UNITED STATES OF AMERICA	New Delhi	Ambassador Extraordinary and Plenipotentiary	His Excellency George V Allen	Bahawalpur House, New Delhi (Tel 43041 43)
		Minister Counsellor	Sheldon T Mills	
		Minister Director of U S Technical Co operation Administration	Clifford H Willson	
		Counsellor (Agricultural)	Clifford C Taylor	
		Counsellor (Political)	I Eliot Well	
		Counsellor for Economic Affairs	John A Loftus	
		Counsellor (Public Affairs)	Peg C Grondhal	
		Army Attache	Col Harold J Pearson	
		Air Attache	Col Mercer P Davis	
		Naval Attache and Naval Attache for Air	Captain Hugh R Awtrey U S N	
		First Secretary	Richard S Leach	
		Attache	Gaze F Lukas	
		Minerals Attache	Andrew V Corry	
		Attache	Lewis M Lind	
		Labour Attache	Henri Sokolove	
		Attache	Norvelle H Sannebeck	
		First Secretary and Consul	William L Blue	
		Attache	Donald M Ralston	
		Attache	Edward J Gaumond	
		Social Welfare Attache	Evelyn W Hersey	
		Attache	Konrad Bekker	
		Attache	Clifford Manshardt	
		Attache	George F Donovan	
		Attache	Arthur C Bartlett	
		Attache	Henry T Robertson	
		Attache	Mrs Emily Krueger	
		Attache	Miss Helen Semmerling	
		Attache	William J Handley	
		Attache	Clarence E Pike	
		Attache	Miss Jean Joyce	
		Attache	Hector J Baxter	
		Attache	Mrs Anna M Erichsen	
		Attache	Joseph I Krene	
		Attache	Ruth C Wright	
		Second Secretary and Consul	J Wesley Adams	
		Attache	Conrad J Thoren	
		Attache	Joseph Fernandez	
		Attache and Consul	John N von der Lieth	
		Attache	Robert S Ashford	

Country	Station	Designation	Name	Address
UNITED STATES OF AMERICA—(*contd*)		Second Secretary & Vice Consul	Benjamin A Fleck	
		Second Secretary & Vice-Consul	Stephen A J Comiskey	
		Second Secretary & Vice Consul	Morris Dembo	
		Assistant Army Attache	Lt Col John J Stephens	
		Assistant Naval Attache & Asstt Naval Attache for Air	Lt-Comdr Harold W. Schwerdt	
		Assistant Air Attache	Major Robert G Crowder	
		Assistant Army Attache	Major June C Caton	
		Assistant Army Attache	Capt John H Painter	
		Assistant Air Attache	Capt Alvin L Wimer	
		Assistant Air Attache	1st Lt Bobbie L Donald	
		Assistant Attache	Charles L Mullin, Jr	
		Assistant Attache	William E Dwyer	
		Assistant Attache	Robert L King	
		Assistant Labour Attache	Miss Edith C Wall	
		Assistant Attache	Miss Marguerite A Brown	
		Assistant Attache	Jack Masey	
		Assistant Attache	Willis D Lansford	
		Assistant Attache	Miss Velma M Woods	
		Assistant Attache	Jean A Curran, Jr	
		Assistant Attache	Calvin M Smyth	
		Third Secretary & Vice Consul	Miss Judith Laikin	
W GERMANY	New Delhi	Ambassador	His Excellency Dr Ernst Wilhelm Meyer	86 Sunder Nagar, Mathura Road New Delhi (Tel 40058)
		Counsellor	Dr Herbert Richter	
		First Secretary	Dr Heinrich Roehreke	
		First Secretary	Dr Harald Heimsoeth	
		Commercial Secretary	Dr Wolfgang Kaupisch	
		Press Attache	Thilo Bode	
YUGOSLAVIA	New Delhi	Ambassador	His Excellency Dr Gojko Nikolis	13 Sunder Nagar Mathura Road, New Delhi

LEGATIONS IN INDIA

Country	Station	Designation	Name	Address
AUSTRIA	New Delhi	Charge d Affaires	Albin Lennkh	25, Theatre Communication Building Connaught Place, New Delhi
CHILE	Delhi	Charge d Affaires and Counsul General	Miguel Serrano Fernandez	Swiss Hotel Delhi
DENMARK	New Delhi	Envoy Extraordinary and Minister Plenipotentiary	His Excellency Harry Emil Toyberg Frandzen	1, Humayun Road, New Delhi
		Attache	P Vinther Pedersen	
		Private Secretary	Miss Marie Ruffert	
FINLAND	New Delhi	Envoy Extraordinary and Minister Plenipotentiary	His Excellency Hugo Valvanne	39, Prithviraj Road, New Delhi
		Secretary of the Legation	Monsieur H J Blomstedt	1, Humayun Road, New Delhi
		Commercial Secretary	Olli Vilpponen	
		Secretary to the Minister	Miss Lusa Hagelberg	
		Secretary	Miss Ines Kuusisto	
HOLY SEE	New Delhi	Apostolic Internuncio	The Most Rev Martin Lucas, S V D	8, Alipur Road, Civil Lines, Delhi (Tel 24767)
		First Secretary	The V Rev Monsignor John Gordon	
		Second Secretary	The V Rev Mons E Gerada	
NORWAY	New Delhi	Envoy Extraordinary and Minister Plenipotentiary	His Excellency Knut Lykke	Cecil Hotel, Delhi (Tel 24837)
		First Secretary	Knut Myre	
		Secretary to the Minister	Miss Ragnhild Mack	
PHILIPPINES	New Delhi	Envoy Extraordinary and Minister Plenipotentiary	His Excellency Narciso Ramos	Maiden s Hotel, Delhi
		Second Secretary and Consul	Felipe Mabilangan	
		Administrative Officer	Enrique D Bautista	
PORTUGAL	New Delhi	Envoy Extraordinary and Minister Plenipotentiary	His Excellency Dr V V Garin	22, Hardinge Avenue, New Delhi
		Counsellor	Dr Alvaro Brilhante Laborinho	
		Third Secretary	Dr Carlos Alberto Empis Wemans	
SWEDEN	New Delhi	Envoy Extraordinary and Minister Plenipotentiary	His Excellency Per Wijkman	Theatre Communications Buildings, New Delhi (Tel Nos 7727 & 40890)
		First Secretary	Reinhold Reutersward	
		Ag Commercial Secretary	Kaj Sundberg	
		Attache	Bengt Rosio	
SYRIA	New Delhi	Envoy Extraordinary and Minister Plenipotentiary	His Excellency Youssef Lutfi Bustami	Hotel Ambassador, New Delhi
		Secretary	Dr Jabr Al Atrash	

HIGH COMMISSIONERS IN INDIA

Country	Station	Designation	Name	Address
AUSTRALIA	New Delhi	High Commissioner	His Excellency W R Crocker	Australian High Commission Connaught Place New Delhi (Tel Nos 40041, 40042 & 40043)
		Counsellor	F H Stuart	
		Press Attache	R D B Mitchell	
		Official Secretary	L H Border	
		Second Secretary	A M Morris	
		Third Secretary	D Wilson	
		Chief Administrative Officer	J F Knox	
CANADA	New Delhi	High Commissioner	His Excellency Escott Reid	4, Aurangzeb Road, New Delhi (Office Tel 40191)
		Commercial Counsellor	Richard Grew	
		First Secretary	B M Williams	
		Second Secretary	Miss A M Ireland	
		Immigration Attache	A J Des Jardins	
		Second Secretary	Georges H Blouin	
	Bombay	Asstt Trade Commissioner	William P Birmingham	Gresham Assurance House, Mint Road, Bombay (Tel 20672)
CEYLON	New Delhi	High Commissioner	His Excellency C Coomaraswamy, C B E	2, Scindia House, New Delhi (Tel 47377)
		Official Secretary	Y Duraiswamy C O S	
PAKISTAN	New Delhi	High Commissioner	His Excellency Raja Gazanfar Ali Khan	8 B, Hardinge Avenue, New Delhi
		Counsellor	Iqbal Athar	
		Military Adviser	Colonel Nazir Ahmad Khan	
		Commercial Secretary	S M Chawdhury	
		Liaison Officer	Mohd Ismail	
		Second Secretary (A)	Ataullah	
		Second Secretary (G)	I Khan	
		Third Secretary	T H Qureshi	
		Passport Officer	Col Nur Khan M B E, M C	
	Jullundur	Deputy High Commissioner	Abdul Rehman Khan	Radio Colony, Jullundur, Punjab
		Third Secretary	A A Akmut	
	Calcutta	Deputy High Commissioner	Khawaja Nasarollah	9 Circus Avenue, Calcutta 17
	Bombay	Assistant High Commissioner	K M Khalil	249 Dadabhoi Naoroji Road Fort Bombay
UNITED KINGDOM	New Delhi	High Commissioner	His Excellency Sir Peter Alexander Clutterbuck	6, Albuquerque Road, New Delhi (Tel 40151)
		Deputy High Commissioner (Minister)	G H Middleton	
		Senior Trade Commissioner in India and Economic Adviser to the High Commissioner (Minister)	G J MacMahon	
		Public Relations Adviser to the High Commissioner and Director, British Information Services	J T Hughes	
		Financial Adviser and United Kingdom Treasury Representative in South Asia	I Waight	
		Counsellor	W H Young	
		Counsellor	E L Sykes	
		Counsellor and Trade Commissioner	J A Midgley M B E	
		Adviser on Works and Services	K W Judd	
		Military Adviser	Brig H G M Dunn	
		Air Adviser	W/Cdr P J S Finlayson A F C	
		Labour Adviser	J J Keane	
		Civil Air Adviser	G S Hill	
		First Secretary	V C Martin	
		First Secretary	W K Bell	
		First Secretary	J R Downie	
		First Secretary	Miss E J Emery	
		First Secretary and Trade Commissioner	J N Mckelvie	
		First Secretary and Trade Commissioner	J R Cross	
		Assistant Public Relations Adviser	D F Kerr	
		Assistant Public Relations Adviser	Group Capt L W C Pearce Gervis	
		Assistant Public Relations Adviser	R Mc C Samples, D S O	
		Assistant Labour Adviser	S A Priddle	
		Assistant Military Adviser	Major M T J Bate Williams	
		Second Secretary	P W J Buxton	
		Second Secretary	T W. Aston	
		Second Secretary	W R Lythgo	
		Second Secretary	L Collett	

Country	Station	Designation	Name	Address
UNITED KINGDOM—*(contd)*		Second Secretary and Assistant Trade Commissioner	Mrs H Kirk	
		Second Secretary and Assistant Trade Commissioner	W J Cheesman	
		Second Secretary and Assistant Trade Commissioner	D J R Hack	
		Second Secretary	H J Turner	
		Second Secretary	R J Jenkins	
		Second Secretary and Assistant Trade Commissioner	Miss J A Eaton	
	Calcutta	Deputy High Commissioner	G E B Shannon	1, Harrington Street, Calcutta
		Counsellor	C M Walker	
		First Secretary	J E A Miles	
		Second Secretary	R C Cox	
	Bombay	Deputy High Commissioner	H A Twist	Mercantile Bank Building Mahatma Gandhi Road, Bombay (Tel 31001 6)
		First Secretary	D J King	
		Second Secretary	P F Walker	
	Madras	Deputy High Commissioner	J J C Wakely, O B E	No 6 Armenian Street, Madras (Tel 86556)
		First Secretary	C F Diggines	
		Second Secretary	C A Lovitt	

FOREIGN CONSULAR OFFICES IN INDIA

Country	Station	Designation	Name	Address
AFGHANISTAN	Bombay	Consul	Gholam Ahmad Navid	115 Walkeshwar Road, Bombay (Tel 40677)
BELGIUM	Bombay	Consul-General	Emile Lotz	Morena, 11, Carmichael Road, Cumballa Hill, Bombay (Tel 41824)
	Calcutta	Vice Consul in charge	R Thimister	6, Camac Street Calcutta
	Madras	Consul	K H Chambers	Lecot s Building, Erabalu Chetty Street, Madras (Tel 2001)
BOLIVIA	Calcutta	Consul General*	B Matthews	Wellesley House, Wellesley Place, Calcutta (Tel City 5615)
BRAZIL	Bombay	Consul	Vacant	Asian Building, 4th Floor Ballard Estate, Bombay (Tel 33157)
		Vice Consul	Dr A F Heredia	
BURMA	Calcutta	Consul General	U Zaw Win	Suite No 4 8 Syed Amir Ali Avenue Calcutta 17
		Vice Consul	U Htoon Shein	24, Maha Nirvan Road, Calcutta 19
	Madras	Vice Consul	U Ba Yi	Mount Road, Madras
CHINA	Calcutta	Consul General	Lin Yu fung	237 Lower Circular Road, Calcutta
	Bombay	Consul General	Yao Nien	10, Bomanji Petit Road, Bombay 26
COLUMBIA	Madras	Consul General	Alfonso Tavera Garcia	Adyar P O
	Calcutta	Consul	H Aldridge	C o Messrs R B Rodda & Co, Wellesley Place Calcutta 1
CZECHOSLOVAKIA	Bombay	Consul	Viktor Bacik	West View, Ground Floor, 87, Wodehouse Road, Colaba, Bombay (Tel 35944)
DENMARK	Bombay	Consul	E B Mogensen	Bros Cinema Building 42, Queen s Road (Tel 37096)
	Calcutta	Consul	F W T Holmgaard	F2, Clive Building, Netaji Subhas Road, P O Box No 364, Calcutta (Tel 1078)
	Cochin	Consul	Archibald Allan Henry Campbell	C/o Pierce Leslie & Co, Ltd, Cochin (Tel 204)
	Madras	Consul	O Christensen	Mercantile Bank Building 1st Line Beach, Madras (Tel 3688)
DOMINICAN REPUBLIC	Bombay	Consul General	Haji Hasham Ismail	211/17, Nagdevi Street Jamal Building, Bombay 3 (Tel 25690 & 33338)
		Secretary	A S Memon	
EGYPT	Bombay	Consul General	Moustafa Ismail Mohamed	Cambatta Building 124D, Queen s Road, Churchgate Reclamation, Bombay (Tel 37325)
EL SALVADOR	Calcutta	Consul	Karanjaksha Bonerjee	Rama Niketan, 10, P K Tagore Street, Calcutta (Tel B B 296)
		Chancellor	Kalyanaksha Bonerjee	
FINLAND		(Finnish Legation, New Delhi)		
FRANCE	Bombay	Consul	Michel Thesmar	Celandine, 87-B, Nepean Sea Road, Bombay 6 (Tel 74206 & 73956)
	Calcutta	Consul General	Jean Belloir	26 Park Mansion, Park Street, Calcutta 16 (Tel 3090)
	Madras	Consul	P Papoussamy	7, Cenotaph Road, Teynampet, Madras
GERMANY (WEST)	Bombay	Consul General	Wilhelm Von Pochhammer	Rusi Mansion 29 Wodehouse Rd, Bombay 1 (Tel 35065 & 35066)
		Consul	Herr Dr Helmuth Dietmar	
GREECE	Bombay	Consul-General	G Loucatos	Mercantile Chambers 1st Floor, Graham Road Ballard Estate, Bombay (Tel 20889)
	Calcutta	Consul General	B Matthews	Wellesley House 7, Wellesley Place, Calcutta (Tel No City 3796)
HAITI	Calcutta	Consul	Murari Churn Law	No 2, Cornwallis Street, Calcutta 6 (Tel 34—2673)
INDONESIA	Bombay	Consul	St Bahroem Sjah	17, Altamont Road, Cumballa Hill Bombay 26 (Tel 75678)
IRAN	Bombay	Consul General	G A Vahid	Dorchester, Queen s Road, Bombay (Tel 32418)
IRAQ	Bombay	Actg Consul	Hakki Barazanji	"Panorama", 203, Walkeshwar Road, Bombay 6 (Tel 40969)
		Vice-Consul	Khalid Kayssi	
ISRAEL	Bombay	Consul	G Doron	30 Pedder Road Cumballa Hill, Bombay 26 (Tel 76033)
ITALY	Bombay	Consul	Dr Vincenzo Bolasco	Dinshaw Wachha Road, Fort, Bombay 1 (Tel 36877 & 36878) P O Box No 1521, Bombay (Tel 23084)
	Calcutta	Consul	Dr Domenico Bocchetto	3, Raja Santosh Road, Alipore, Calcutta 27
JAPAN	Calcutta	Consul-General	T Kasuya	17, Old Court House Street, Calcutta
		Consul	A Yoshioka	
		Consul	T Kawabata	
		Vice Consul	K Tsunashima	

* Honorary.

Country	Station	Designation	Name	Address
JAPAN—(*contd*)		Chancellor	I Kodama	
	Bombay	Consul General	Jr Hayashi	'Megh Doot", 95B, Marine Drive (Tel 32067)
		Consul	M Ito	
		Vice Consul	D Kawasaki	
		Chancellor	T Yashiro	
JORDAN	Bombay	(Interests being looked after by the Iraqi Consul General)		
LEBANON	Bombay	Consul General	Tarek El Yaffi	Churchgate House, Churchgate Street, Bombay (Tel 31873)
LUXEMBURG	Bombay	Vice Consul	R C S Van Damme	2nd Floor, Taj Building, Hornby Road, Fort, Bombay (Tel 33328)
NEPAL	Calcutta	Consul General	Lt Gen Daman Shamshere Jung Bahadur Rana, C I E C B E	25 Raja Santosh Road Calcutta 27
NETHERLANDS	Bombay	Consul	G H Heintzen	314, Dadabhai Nowroji Road Petit Library Building, Bombay (Tel 34664)
	Calcutta	Consul	Ph H Rogaar	9, Netaji Subhas Road Calcutta (Tel B B 4444)
	Cochin	Consul	C Hardebeck	Cochin (Tel 246)
	Madras	Consul	A D Charles	North Rly Terminus Road, Royapuram Madras (Tel 2956)
NICARAGUA	Bombay	Consul	C H A R Hardcastle	Alice Building, Dr Dadabhai Naoroji Road, Bombay (Tel 27017)
	Calcutta	Consul	C H Astell	Clive Bldgs, Netaji Subhas Road, Calcutta 1
NORWAY	Bombay	Consul General	F Orvin	Imperial Chambers Wilson Road, Ballard Estate, Bombay (Tel 23394)
	Calcutta	Consul General	S Gylseth	14, Netaji Subhas Road, Calcutta
	Cochin	Vice Consul	B S Holloway	Cochin
	Madras	Consul	F G Hadden	Post Box No 42, Madras
PANAMA	Bombay	Consul-General	Lic G E Berguido	7,25, Cuffe Parade, Colaba, Bombay (Tel 36867)
PERU	Calcutta	Consul General	Luis René Méndez	Suite 918/919, Great Eastern Hotel, Calcutta (Tel 3855)
PORTUGAL	Bombay	Consul-General	Dr E Patricio	19 A, Cuffe Parade Colaba, Bombay (Tel 35477)
	Calcutta	Consul	Dominic Pereira	37, Taltolla Lane, Calcutta
	Madras	In charge	Roy E Chambers	7/15 Haddows Road, Nungambakkam, Madras
SAUDI ARABIA	Bombay	Consul General	Yusuf Al Fozan	'Firdaus', Flat No 19, Marine Drive, Bombay (Tel 27537)
		Vice Consul	Mohammed Mansuri	
		Secretary	Ali Fozan	
SPAIN	Bombay	Consul	D Jose Antonio Balenchana	Oceana', 153, Marine Drive, Churchgate Reclamation, Bombay (Tel 36757)
		Trade Commissioner	Vacant	
	Calcutta	Vice Consul	Pritindra Nath Ray Chowdury	10 Old Post Office Street Calcutta,
	Madras	Vice Consul	Gilbert Augustine Pais	Lawdale , 5, Nimmo Road, San Thome, Mylapore, Madras
SWEDEN	Bombay	Consul General	T H Rydin	Indian Mercantile Chambers, Nicol Road, Ballard Estate, Bombay (Tel 26583)
	Calcutta	Consul	N Tisell	7, Wellesley Place, Calcutta
	Madras	Consul	C G Hylten Cavallius	8/9, Thambu Chetty Street, George Town, Madras (Tel 2978 80)
SWITZERLAND	Bombay	Consul General	H A Sonderegger	Manekji Wadia Building, 125, Mahatma Gandhi Road, Fort, Bombay (Tel 23738)
	Calcutta	Consul	Hans C Naegeli	Clive Building, 8, Netaji Road, Calcutta
	Cochin	Consular Agent	H Bueler	C/o Volkart Brothers, P O Box No 3, Cochin
	Madras	Consular Agent	F Wichser	C/o Volkart Brothers, Armenian Street, P O Box No 45, Madras (Tel 4406)
SYRIA	Bombay	Consul General	Sobhi El Ejel	Mustafa Buildings, Sir P M Road, Fort, Bombay (Tel 21683)
TURKEY	Bombay	Consul	Rahim Karim Mistry	208, Dinshaw Watcha Road, Backbay Reclamation (Tel 37277)
UNITED STATES OF AMERICA	Bombay	Consul General	William F Turner	Construction House, Nicol Road Ballard Estate, Bombay 1 (Tel 30083 & 25646)
		Consul	Robert Smith Simpson	
		Consul	William J Barnsdale	
		Vice-Consul	Angus M Thuermer	
		Vice Consul	Warren P Cleary	
		Vice Consul	Eugene L Champagne	
		Vice-Consul	Paul H Kreisberg	
		Vice Consul & Cultural Affairs Officer	Eric B Shearer	
		Vice-Consul	Roger C Brewin	

Country	Station	Designation	Name	Address
UNITED STATES OF AMERICA—*(contd)*	Calcutta	Consul in charge	R Borden Reams	5/1, Harrington Street Calcutta 16
		Consul (Public Affairs Officer)	Robert Rossow (Jr)	
		Consul (Economic Officer)	Robert M Winfree	
		Consul (Executive Officer)	Garrett H Soulen	
		Consul (Political Officer)	L Douglas Heck	
		Consul (Motion Picture Officer)	John W Moyer	
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		Vice Consul (Information Officer)	Glenn Lee Smith	
		Vice Consul (Cultural Affairs Officer)	Elsie A Aderton	
		Librarian	Jane Fairweather	
		Librarian	Alice Kirwan	
		Administrative Officer	Gerrit J W Heyneker	
		Vice Consul (Agricultural Officer)	Carl O Winberg	
		Vice Consul (Political Officer)	John M Turner	
		Vice Consul (Consular Officer)	Mary A Roberts	
		Vice Consul (Economic Officer)	Robert J Barnard	
		Vice Consul (General Services Officer)	Alan L Campbell (Jr)	
		Vice Consul (Economic Asstt)	Kenneth Y Millian	
		Vice Consul (Political Asstt)	J Thomas McAndrews	
		Operations Officer	Ben H Hall	
		Liaison Officer, MATS	Capt Robert S Burkholder	
	Madras	Consul-General	Henry C Ramsey	150 B, Mount Road, Madras 2
		Consul	Paul C Sherbert	
		Consul	J Alfred La Freniere	
		Vice Consul	Kenneth W Martindale	
		Vice Consul	Melvin B Jaschke	
		Vice Consul	Edith C Wall	
		Vice Consul	Harold M Otwell	
VENEZUELA	Calcutta	Consul General	Bernard Matthews	7, Wellesley Place, Calcutta
YUGOSLAVIA	Bombay	Consul General	Vjenceslav Mesaric	120, Dinshaw Vachha Road, Churchgate Reclamation (Tel 36374)

U. N. BODIES IN INDIA

UNITED NATIONS INFORMATION CENTRE FOR INDIA, BURMA AND CEYLON

Address —Theatre Communication Building, Connaught Place, New Delhi

Dissemination of objective information, on the aims and activities of the United Nations through all information media is the main function of the New Delhi Centre of the United Nations

Director James Orrick

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UNITED NATIONS OFFICE FOR POPULATION STUDIES

Address — Block 9 Shahjahan Road, New Delhi

Director Dr C Chandrasekaran

U N INTERNATIONAL CHILDREN'S EMERGENCY FUND (UNICEF)

Address —Patiala House, Hardinge Avenue, New Delhi

The UNICEF was brought into being to meet the emergency needs of children, particularly in the war devastated countries, and, at the same time, to further child health purposes generally on a long range programmes

Chief of Mission I G Davies

Deputy Chief A E McBain

Supply Officer Poul Larsen

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United Nations Educational, Scientific and Cultural Organisation South Asia Science Co-operation Office C S I R Building, Old Mill Road, New Delhi 2, India

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Deputy Director Dr J D N Versluys

United Nations Food and Agriculture Organisation: Theatre Communication Building, Connaught Place, New Delhi

Director P V Acharya

World Health Organisation Regional Office for South-East Asia Patiala House, Princess Park, New Delhi

Director Dr C Mani

Deputy Director Dr S F Chellappah

Chief Office of Administration & Finance Mr J Brouland

*

TRADE COMMISSIONERS

UNITED KINGDOM

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E A Midgley M B E, Principal United Kingdom Trade Commissioner at Delhi

J R Cross, United Kingdom Trade Commissioner

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Telephone No 44211

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Calcutta —G W Brazendale, Principal United Kingdom Trade Commissioner at Calcutta

R W B Carter, United Kingdom Trade Commissioner

Address 1, Harrington Street, Calcutta 16

Telephone No PK 4500 7

Telegrams '1RADCOM"

Bombay — D A Bryan, O B E, Principal United Kingdom Trade Commissioner at Bombay

G J Husted, United Kingdom Trade Commissioner

A I Collings Assistant United Kingdom Trade Commissioner

A C Mummery, Assistant United Kingdom Trade Commissioner

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Telephone No 85448

Telegrams "BRITRACOM"

AUSTRALIA

Bombay — H Wrigley Trade Commissioner, A I Paltridge, Assistant Trade Commissioner, G B Hardham, Asstt Trade Commissioner (Public Relations)

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Calcutta —W R Hudspeth K Le Rossignol, Assistant Trade Commissioner

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CANADA

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Bombay — D M Holton Canadian Government Trade Commissioner

W P Birmingham Assistant Trade Commissioner

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Cable Address "CANADIAN" *Telephone No* 20672

CEYLON

Commercial Secretary Ceylon High Commission in India B P Tilakaratna

Address Ceylon House, Bruce Street, Fort Bombay *Tel* 31239

JAMMU AND KASHMIR

In addition to fostering foreign trade, the office of the Trade Agent looks after the Kashmir Government Arts Emporium, Kashmir Information Bureau and the Kashmir Visitors' Bureau, the latter organisation propagating tourism and giving every assistance to those intending to holiday in the "Happy Valley"

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Trade Agent 12 *Chowringhee Calcutta* V N Saraf

Trade Agent, Kashmir House Court Road Amritsar Sardar Amar Singh

Trade Agent Dhangoo Road, Pathankot D N Jalali

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Asstt Trade Commissioner R G J Phelan

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Calcutta —The Trade Commissioner for France, 13, Park Mansions, Park Street

Madras —The Trade Commissioner for France Paradise Building, 36, Mount Road, Madras

GERMANY (WEST)

Trade Commissioner Dr Werner Seldis

Deputy Trade Commissioner Ernst Kunisch

Assistant Trade Commissioner E Vogeler

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Consul (Commercial) Calcutta Dr Domenico Bocchetto

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Consul General Fujio Hayashi

Consul Masakuni Ito

Vice Consul Daizo Kawasaki

Chancellor Tokio Yashiro

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NETHERLANDS

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Commercial Secretaries A C H Graafland, K J Stadtman

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YUGOSLAVIA

Consul General of Federal People's Republic of Yugoslavia V Mesaric

Address 120, Dinshaw Wachha Road, Churchgate Reclamation, Bombay 1

Telephone 36374

AKHIL BHARAT HINDU MAHASABHA*

(Hindu Mahasabha Bhawan Reading Road, New Delhi)

President N C Chatterjee, M P

Vice Presidents Dr N B Khare M P Deben dranath Mookerjee, M L C, Prof Ram Singh Yashwantrao Joshi Capt Keshabchander Dr Gokulchand Narang

General Secretary V G Deshpande, M P

Organising Secretary B Guha

Office Secretary Narendranath Das

Treasurer M Digvijay Nath

Total membership of party 2 25,000

Strength in the House of the People 4

Strength in the Council of States 1

AIMS AND OBJECTS

The aim of the Hindu Mahasabha is the protection and promotion of all that contributes to the advancement, strength and glory of Hindu Rashtra Hindu culture and Hindu polity, and as a means to that end to achieve Hindu Raj and re establish the integrity of the State of Bharat by constitutional means

Besides the establishment of Akhanda Hindustan the aims and objects of the Hindu Mahasabha are defined as follows

The establishment of a really democratic State in Hindustan based on the culture and tradition of the land

The organisation and consolidation of all sections of the people into one organised whole,

The creation of a new social order in which all nationals will enjoy equal rights and opportunities and share equal responsibilities,

The assurance to each national of the dignity of human values and full freedom of thought, expression, association and worship,

The revival and promotion of the ancient Indian motto of plain living and high thinking, and the glorious ideals of Aryan womanhood,

Adoption of (Sanskrit Nishta) Hindi as the national language and Devanagri as the national script of India

Making of Hindustan politically, economically and materially strong and self reliant,

Removal of all forms of social inequalities and disabilities

(9) Reclamation of all those who have left the Hindu fold and welcoming of others into the community

Ending of gross inequalities in the distribution of wealth assurance of a decent standard of living to each national and securing for workers and peasants their rightful share in the economy of the country,

Industrialisation of the country as rapidly as possible

Promotion of cow protection and abolition of cow slaughter,

Cultivation of friendly relations with other nations with a view to maintaining inter national peace and progress

The present Constitution of India is borrowed from the Constitutions of America, England, France and other Western countries and is not suited to the genius of the people The Hindu Mahasabha would undertake the task of amending the Constitution so that it may be in consonance with the tradition and culture of the land and make Bharat a truly democratic Hindu State

The Hindu Mahasabha wants to discourage all separatist tendencies and hence would amend the Constitution so that Bharat may be a well knit homogeneous State with a strong centre and not a loose combination of autonomous States Bharat itself would be a State and the units would be provinces and not States

The Hindu Mahasabha believes in the policy of formation of provinces on a linguistic basis and the readjustment of boundaries of the existing provinces wherever necessary, with due regard to the problems of defence and security the area population and economic stability of the province concerned and the rehabilitation of the refugees

The distinction between States as Parts A, B and C would be removed and all parts of India would enjoy the fullest democratic rights without any distinction

The Hindu Mahasabha proposes to come out of the Commonwealth in order to make Bharat a really free nation It will enter into treaty relations with the United Kingdom and other countries for mutual help and co operation

India's foreign policy will be guided by the principle of enlightened self interest and reciprocity

The Hindu Mahasabha will adopt the policy of reciprocity towards Pakistan

The Hindu Mahasabha will endeavour to build up a strong defence in the present disturbed condition of the international situation and with this object in view will develop the country as a first rate military power in order to make its voice felt in the United Nations Organisation

The Hindu Mahasabha will make military education compulsory for all young men between the ages of 18 and 25 who are physically fit and special attention will be paid to develop industries connected with war machines and materials of all types

The Hindu Mahasabha will relax the rigours of the Arms Act and issue licences liberally to the inhabitants in border areas

The Hindu Mahasabha recognises the sanctity of private property and guarantees its possession and inheritance to its owners

All key industries such as electricity, railway, coal and steel mines and industries dealing with war materials and weapons will be owned and controlled by the State The remaining industries will remain open for private enterprise In running these industries the Mahasabha assures all investors full facilities to start new industries with State aid and partial exemption from taxation in the initial stages

The Hindu Mahasabha will follow a policy of progressive decontrol as it is convinced that controls without guaranteeing adequate supply of controlled commodities to the public, have only a nuisance value and also often actually lead to blackmarketing and corruption Definite schemes will be formulated for improving the supply of food cloth and other necessities

The Hindu Mahasabha will give priority to rehabilitation of refugees and would even levy a special tax, if necessary, for the purpose The Hindu Mahasabha guarantees compensation to all evacuees who have lost their property in Pakistan and will settle the problem of evacuees properties at Government level speedily The Hindu Mahasabha also declares that the refugees will become full fledged citizens of Bharat The Hindu Mahasabha will take effective steps to recover abducted women from Pakistan

ALL INDIA FORWARD BLOC

(Nasha Imam Fraser Road, Patna)

Chairman General Mohan Singh

Secretary General Shoel Bhadra Yajee

Working Committee

Deputy Chairmen Hemant Kumar Bose, M L A (West Bengal), Dibakar Patnaik, M L A (Orissa)

Secretaries Satya Priya Banerjee, M P (West Bengal), Prof Doctor Kanai Bhattacharjee, M L A (West Bengal) R K Haldulkar (Madhya Pradesh) Mahavarta Vidyalankar (Delhi), Prof Tilok Singh (Punjab)

Treasurer W Mathuramlinga Thevar, M L A (Tamil Nad)

Members Bibhuti Ghosh, M L A (West Bengal), Bhubneshwar Pandey, M L A (Bihar) M D Ramaswamy, M P (Tamil Nad), Nirmal Chandra Ghosh (West Bengal), Kusum Ranjan Choudhry (Assam), K N Sanaliya (Bihar), Ashok Ghosh (West Bengal), Capt Ram Mohmad Singh (West Bengal), Suresh Chandra Chatterjee (West Bengal), Capt Bishan Singh Shanghai (Punjab), P Surya Parkash Rao (Andhra) R A Mandgi (Karnatak) Dr Bhupal Bose (West Bengal), Gyani Indar Singh Maur (PEPSU), Nirmal Singh (West Bengal), S K Maitra (Bombay) Chitto Bose (West Bengal), Mahanth Dhan rajpuri (Bihar), Bharpur Singh Rai (Punjab), Rafique Ahmad (Bihar) Prof Dr Mani Mohan Chakravorty, M L C (W B), Chhotu Bhai Shukla (Gujrat), Vedanurthi Ettagi (Mysore)

Active members 44,530, *General Members* 300,000

Strength in House of People 1

Strength in Council of States 1

Total strength in State Legislatures 21 West Bengal 15, Bihar 1, Orissa 1, Punjab 1 Madras 3

It has the largest number of members in West Bengal, Punjab, Bihar and Madhya Pradesh

In the State Assemblies Elections the Forward Bloc secured 8,53,810 votes

In the House of People election the Forward Bloc secured 9,88,272 votes

AIMS AND OBJECTS

The philosophy, aims and objects are broadly as follows

Scrapping the present constitution convening a new Constituent Assembly based on adult franchise to frame a new constitution

All authority would rest with the toiling masses

The new constitution would provide for freedom of speech worship association press land to the tillers nationalization of industry without compensation right to recall representatives, right to initiative and referendum, abolition of Upper Houses, formation of States on a linguistic basis, abolition of class B and C States, stoppage of Princes privy purses secession from the Commonwealth guarantee of right to work leisure, education medical and old age provision

Import and export trade will be Government monopoly

Confiscation of British capital

* The particulars given in this chapter are largely—though not invariably—based on returns sent in by the parties themselves

Progressive and planned socialization of industries, decentralization of private enterprise when necessary

Reorganization of cottage industries on a co-operative basis

Gradual replacement of indirect taxation by direct taxation

Effort to secure full and immediate realization of sterling balances

No new foreign debt should be incurred, old debts will be paid off on realization of the sterling balances

No foreign capital will be accepted for national development The economy will be based on self sufficiency

In the transition to socialism -living wage, forty two hour week right to strike, insurance against unemployment, sickness, old age, equal pay for equal work, maternity benefit for four months with full pay

Fixation of maximum and minimum income in the ratio of 10 1

Systems of landlordism and intermediaries will be abolished without compensation

Redistribution of land, with a ceiling of 25 acres, landlords and intermediaries to a maximum of 50 acres

Present revenue system will be replaced by graduated agricultural income tax

Insurance for kisans formation of co operative societies

Fixation of maximum and minimum prices for essential commodities

Primary and secondary education free and compulsory, higher education cheap enough for all deserving students

Organization of a system of national health

Abolition of all armed licences and military training of all adults

Withdrawal of Kashmir case from the U N O plebiscite after Pakistan forces are withdrawn and the Azad volunteers disarmed forcible eviction of raiders if Pakistan disagrees

The annulment of partition and a reunion on a national and cultural basis with territorial autonomy

Rehabilitation of I N A personnel

Separation of judiciary and executive

Friendly relations with Russia and China

BHARAT KRISHIKAR LOK PARTY

(78, North Avenue, New Delhi)

President N G Ranga

Vice Presidents Dadubhai Amin V Ram krishna, Chowdhry Surajmal Thakur Deshraj, G Latchanna

General Secretaries C L Patel Chowdhry Chandrabhan, V V Ramana

The party has 5 members in the Council of States 2 in the House of the People 26 in the State Legislatures (13 in the Andhra Assembly)

In the general election it polled 11 26,288 votes

The aims and objects are

To protect the interests of 40 million Harijans, 20 million backward classes, 20 million Scheduled Tribes, 10 million handloom weavers and of all agriculturists the under developed sub merged classes from exploitation by industrial and professional groups

A tiller who has cultivated a piece of land for a prescribed number of years without help from the landlord should be recognized as owner

Distribution of wasteland

Promotion of the co operative movement

Promotion of cottage industries

Fixation of a remunerative price for agricultural produce

Universal elementary education

Prevention of cow slaughter

Mixed economy--private enterprise public corporation State enterprise

Co partnership in industry

Elimination of the present disparities in wealth and income

Progressive de control

Removal or amendment of Prohibition

Statutory Development Boards for undeveloped areas

Reorganization of States on a linguistic basis

One third of the number of officers in the Defence Forces should be recruited from the ranks of soldiers

Co operation with the Bharat Sevak Sangh and help in implementing the Sarvodaya programme

Co operative housing schemes in villages

Reduction of the tax burden on the rural population relatively to urban and diversion of a larger proportion of the State's expenditure to improving conditions in rural areas

More recruitment for public services from rural areas specially in those services meant to serve rural areas, and starting of schools, classes in rural areas to prepare candidates, and give them free schooling, lodging and boarding

Decentralization of power and association of councils of kisans at all levels of administration so that kisan or kalakar leaders can take over responsibility for running the State

BHARATIYA JAN SANGH

Working President, Pt Mauli Chandra Sharma

General Secretaries, Pt Mauli Chandra Sharma and Pt Deen Dayal Upadhyay

Working Committee, Sarv Shri Mauli Chandra Sharma Din Dayal Upadhyay (*General Secretaries*), Bhai Mahavir Balraj Madhok, Guru Dutta Vaid, Vasant Rao Oak Shiv Kumar Dwidi D N Bahaduri, Para Kant Jha, Hari Dutta, M I A, Man Singh Verma, D P Thengade, R K Mhalgi, Jaggan Nath Rao Joshi, J K Saumithri Sharma, Hukum Chand Jain, Rajkishore Shukla, Raj Kumar, Krishna Lal, Lal Singh, M I A, Acharya Ram Dev Vasant Kumar Chatterji, Kusha Bhau Thakur Sunder Singh Bhandari, Ram Narayan Shastri, Uma Shanker Trivedi, M P P B Gole, Narayan Lal Bansi Lal Pitti, Keshav Dev Verma

Total membership of party in country, 400,000
Strength in House of People 3
Strength in Council of States 1
Total strength in State Legislatures, 34

Has the largest number of members in Bengal

AIMS AND OBJECTS

Believes in democracy based on the freedom of the individual and the rule of law It deprecates the use of violent methods

Stands for gramatantra —economic and administrative decentralization

Land reforms to make the cultivator the owner of the land, abolition of zamindari, etc with compensation

Prohibition of cow slaughter

Will encourage private enterprise in industry to expand

Rationalization and decentralization of industry

Swadeshi and self sufficiency

Strikes and lock outs will be discouraged, profit sharing in industry

Foreign capital will be welcomed but without strings

Import of essential capital goods will be encouraged, import of luxury articles discouraged

In internal trade inter State barriers will be abolished

Progressive de control

Use of taxation to reduce inequalities

Friendly relations with all countries

Liquidation of foreign pockets

Re examination of India's position in the commonwealth

Strict reciprocity towards Pakistan

Will press for decent treatment to minorities in Pakistan

Will press for full compensation for property left by refugees in Pakistan

The Kashmir issue should be withdrawn from the U N O and no plebiscite and no special position to Kashmir in the Indian Union same status as other States

Military training for all

Janapadasabhas as instruments of local government

Uplift of backward classes

Civil liberties for all except those who believe in violence No restriction on freedom of press and platform through changes in constitution

Development of Ayurveda on modern scientific lines

Changes such as proposed in the Hindu Code Bill should not be imposed from above in the absence of a clear verdict from the electorate

Early adoption of Hindi as national language, active steps for the promotion of the study of Sanskrit

Content and spirit of education should be Bharatiya

Free primary education for all, free higher education to promising and needy students

BOLSHEVIK PARTY

(22, D N Sen Lane, Calcutta 31)

General Secretary, Sisir Roy

The aims and objects are

Immediate abolition of landlordism without compensation, land to the tiller, development of co operative farming with aid from State

Legalization of refugee colonies

Complete civil liberty release of political prisoners and detenus repeal of Preventive Detention Act

Full employment, security of service, living wage, 40 hour week full trade union rights

Free universal education the right of students to take part in politics

Linguistic re distribution of States and auto nomy autonomy for tribal people, and a United States of India

Confiscation of foreign capital

No recruitment and training of Gurkhas by Britain on Indian soil

Nationalization of basic industries including banks insurances State aid to small business

Trade and mutual assistance pacts with Russia China and the Peoples Democracies

Secession from the Commonwealth

Accepts the philosophy of Marxism Engelism Leninism Stalinism

COMMUNIST PARTY OF INDIA

(Opposite Irwin Hospital New Delhi)

Politbureau Ajoy Ghosh K M S Nambo diripad C Rajeshwar Rao S A Dange P Ramamurty P Sundarayya, Dr Z A Ahmed Harikishan Singh Surjeet
General Secretary Ajoy Ghosh
Membership of party in country about 60 000
Members in the House of the People 27
Members in the Council of States 12
Total number in State Assemblies over 200
Number of votes in General Election about 6 million

The party emerged as the strongest group after the Congress in Madras Hyderabad Travancore Cochin and West Bengal The seats secured by it and its allies in the United and People s Fronts in the various State Assemblies were as follows Madras (61), Hyderabad (42) Travancore Cochin (32), W Bengal (28) Orissa (7) Punjab (6), PEPSU (3), Mysore, Bombay Assam, 1 each

In the elections to the electoral college in Tripura, a small Chief Commissioner s State the Communists, with the Independents sup port secured an absolute majority gaining 16 of the 30 seats

The Party failed to secure any seats in Bihar, Madhya Pradesh, Madhya Bharat Rajasthan, Saurashtra, and Uttar Pradesh Assemblies, though it had put up a total of 110 candidates in these States

AIMS AND OBJECTS

The basic aim of the Party as defined in the preamble to the Constitution is ' the organization of the toiling masses in the struggle for the victorious anti imperialist and agrarian revolution for complete national independence, for the establishment of a people s democratic state led by the working class, for the realization of the dictatorship of the proletariat, and the building up of socialism according to the teachings of Marxism Leninism

The aims are described in more concrete terms in the draft programme of the Communist Party issued in April under the name of the Politburo The Politburo also decided " to radically re orientate its tactical line in view of recent dis cussions among its members

It calls for the confiscation and nationalisation of all foreign capital, complete withdrawal from the British Commonwealth of Nations and a united front with ' peace loving countries and friendship with them ", having first brought about a " cessation of flirtation between world Power *blocs* and leanings towards the United States of America It also harks back to a programme of what was once called " 100 per cent Swadeshi "

The Party does not press for the immediate establishment of socialism ' in view of the back wardness of the economic development of the country ", but only a " coalition of all demo cratic anti feudal anti imperialist forces in the country "

On the question of India s *lingua franca* and national unity, the statement says " In the name of a united country, the language of one province, namely Hindi, was declared an obliga tory State language for all nationalities and States to the detriment of their own national language Vast areas and millions of people of one nationality are compelled to live under the rule of bureaucrats and governments dominated by another nationality '

As for the practical tasks which would face the new People s Democratic Government , the programme lists the following in the field of State structure

' 1 The sovereignty of the people, *i e* , the concentration of power in the country in the hands of the people The supreme power in the State must be vested entirely in the people s representatives who will be elected by the people and be subject to recall at any time upon a demand by the majority of electors, and who shall constitute a single popular assembly, a single legislative chamber

2 The restriction of the rights of the President of the Republic, in virtue of which the President and persons authorised by him will be deprived of the right to promulgate laws, which have not been passed by the legislature The President shall be elected by the legislature

" 3 Universal equal and direct suffrage for all male and female citizens of India who have attained the age of eighteen years in all elections to the Legislative Assembly and to the various local government bodies, secret ballot, the right of every voter to be elected to any representative institution, payment to people s representatives, proportional representation of political parties in all elections

' 4 Local Government on a wide scale and with wide powers through People s Committees The abolition of all local and provincial authorities appointed from above (*e g* , governors, magis trates, commissioners, etc)

" 5 Inviolability of person and domicile unhampered freedom of conscience, speech, press, assembly, strike and combination , freedom of movement and occupation

' 6 Equal rights for all citizens irrespective of religion, caste, sex, race or nationality , equal pay for equal work, irrespective of sex

' 7 The right of all nationalities to self determination The Republic of India will unite the peoples of the various nationalities of India not by force but by their voluntary consent to the creation of a common State

8 Reconstitution of the present artificial provinces or States with the dissolution of princely States into national States according to the principle of common language The tribal area or areas where the population is of specific composition and is distinguished by specific social conditions or constitutes a national minority will have complete regional autonomy and regional governments

" 9 Introduction of progressive income tax in industry, agriculture and trade and maximum relief in taxation for workers, peasants and artisans

" 10 Right of the people to receive instruc tion in their own national language in schools the use of the national language in all public and State institutions The use of Hindi as an all India State language will not be obligatory

" 11 The right of all persons to sue any official before a People s Court

" 12 Separation of the State from all religious institutions The State to be a secular State

" 13 Free and compulsory primary education for the children of both sexes upto the age of fourteen

14 Replacement of the police by militia Elimination of the mercenary army and other punitive forces and the establishment of a national army, navy and airforce for the defence of India, closely linked with the people

" 15 The establishment of a people s health service with a wide network of medical centres and hospitals all over the country, de signed to liquidate centres of cholera, malaria, and other epidemic diseases in the country '

The programme next touches upon the rural problem which is of primary importance to the life of the country In order to remove the evils at the root of agricultural and cultural backwardness, it will be necessary, according to the draft programme

1 To hand over landlords' land without com pensation to the peasants and to legalise this reform in the form of a special land law

2 To ensure long term and cheap credit for the peasants to enable them to purchase agricul tural implements and seeds To ensure long term and cheap credit to small artisans to enable them to purchase raw materials, etc

3 To ensure Government assistance to the peasants in the improvement of old and the building of new irrigation systems

4 To cancel debts of peasants and small artisans to money lenders

5 To ensure adequate wages and living condition to agricultural labourers

In order to break through the vicious circle of the low purchasing power of the peasants and workers, who for that very reason provide a very poor market for the country s industrial output the programme suggests that it will be necessary

1 To provide for the protection of the national industry against the competition of foreign goods in the country by promulgating appropriate laws ,

2 To develop the national industry and to prepare conditions for the industrialisation of the country without sparing any efforts and resources of the State to achieve this end ,

3 To improve radically the living and work ing conditions of workers by fixing a living wage, application of the eight hour day and forty-four hour week in all industries and trades, introduc tion of a six-hour day in underground mines and other trades injurious to health social

insurance at the expense of the State and capital list against every kind of disability and unemployment, by the establishment of labour exchanges working in association with the Trade Unions, by the establishment of industrial courts by the recognition of the Trade Unions and the right to collective bargaining,

4 To introduce effective control of prices of goods of mass consumption

There should be a Government of Peoples Democracy—a Government of all democratic parties, groups and individuals representing workers peasants, middle classes and the national bourgeoisie, the bourgeoisie that stands for genuine industrialisation of the country and for the freedom and independence of India

Such a Government, would break with the British Empire, expel British officers from armed forces, confiscate and nationalise all British capital cancel all peasants debts and transfer all lands of landlords and Princes without payment, to the tillers, develop national industries with the aid of confiscated foreign capital and by enlisting co operation of private industrialists, guarantee living wage to workers and recognise their right of collective bargaining, create a national army closely linked with the people, abolish the police force and form a people s militia, for national States by abolishing Princely States, reconstruct present States along linguistic frontiers and create a united India by the voluntary consent of nationalities and tribal peoples, protect the rights and interests of minorities eliminate social and economic disabilities due to sex and caste, introduce free and compulsory primary education and a people s health service, rehabilitate refugees establish trade and economic relations with all countries on the basis of equality, fight for a Pact of Peace between the Great Powers for banning of atom bombs and withdrawal of all foreign troops from all countries and establish a pact of friendship between Pakistan, Ceylon and India

The new State will have all the organs from the lowest to the highest on elected basis these elected organs will have the supreme power

GANATANTRA PARISHAD

(Bhubaneswar, Orissa)

President P C Bhanj Deo

Vice President Pratap Kesari Deo

General Secretary Rajballav Misra

The aims and objects are

Comprehensive system of social security with due regard to the solvency of the State

Special help to backward classes through free education, reservation in services settlement on reclaimed land

Full protection to minorities

Abolition of prohibition and replacement of it by regulation

Separation of judiciary from executive simple and inexpensive system of justice

Non interference in administrative affairs

Village panchayat as unit of administration, general decentralization and local autonomy

Abolition of postal censorship

Abolition of unnecessary controls and strict enforcement of necessary controls

Reduction of military and police expenditure consistent with security

Reduction in the costs of administration
Abolition of zamindari with compensation
Abolition of agricultural income tax
Encouragement of co operative farming
Minimum wages for agricultural labour
Promotion of family planning techniques

Checking concentration of wealth and property through estate duties and inheritance taxes

Encouraging co partnership and profit sharing in industry

Co existence of nationalized and private industry with a view to increasing efficiency through competition

Nationalization of only specific industries-basic and heavy industry inter State communications, public utility services

Minimum wage to labour

Primary education free and compulsory middle education free secondary and college education less expensive State to take responsibility upto secondary education

India as a confederation of regional autonomous units

Redistribution of States on a linguistic and economic basis

Full civil liberties

Abolition of nominated Governors and Rajpramukhs and their replacement by elected heads

Neutrality between power blocs
Support of freedom movements everywhere
Help towards formation of World Government
Kashmiris to settle future of Kashmir

Strict reciprocity towards Pakistan exchange of population and redistribution of territory if necessary

Merger of foreign settlements into India

INDIAN NATIONAL CONGRESS

(7 Jantar Mantar Road, New Delhi)

President Jawaharlal Nehru

General Secretaries Balvantray Mehta, S N Agarwal U S Malliah

Working Committee Jawaharlal Nehru Maulana Abul Kalam Azad C Rajgopalachari Pandit Govind Ballabh Pant Dr Bidhan Chandra Roy Jagjiwan Ram Rafi Ahmad Kidwai Nabakrishna Choudhary Khandubhai Desai Manikyalal Varma N Sanjiva Reddy, K P Madhavan Nair A V Kuttimalu Amma, Dokkandan Narain Giani Gurmukh Singh Mussafir Morarji Desai U S Malliah, Balvantray Mehta Shriman Narayan Agarwal Dev Kant Borroah Srikrishna Sinha

Total membership of Party in country 87 04,516
Strength in House of People 363
Strength in Council of States 149

Total strength in State Legislatures 2 247 (at the end of the General Election)

Has the largest number of members in the following State Bihar (21 04,511)

Total number of votes polled in the General Election House of the People 4,75 07,362, State Assemblies 4,40,97,096

AIMS AND OBJECTS

The object of the Indian National Congress is the well being and advancement of the people of India and the establishment in India by peaceful and legitimate means of a Co operative Commonwealth based on equality of opportunity and of political, economic and social rights and aiming at world peace and fellowship

The provision of the basic needs of food, clothing and shelter, and of opportunity for cultural growth for all people

Belief in a secular state all citizens to have equal rights, removal of barriers which divide people on the basis of religion, caste class or region

Planned economic development

Abolition of old and out dated agrarian systems of tenure, security of tenure and fair rents for tenants and tillers of the soil

Co operative farming the village as the unit of co operative management

Promotion of small scale and cottage industries, organization of cottage industries in industrial co operatives

Supply of adequate quantities of yarn to handloom weavers

Basic industries should be owned or controlled by the State

State trading should be undertaken whenever the balance of advantages lies in favour of such a course

The private sector must accept the objectives of the Five Year Plan and fit into it, the aim should be to develop co operative enterprise in the private sector

Reduction of the present price level

Control of distribution is essential in times of scarcity

Priority to river valley schemes and to basic industries like steel, heavy chemicals, fertilizers, machine tools

Time skill, resources of the people must be organized on a voluntary basis for the economic and social betterment of the community

Redirection of public expenditure imposition of estate duties for the removal of inequalities

There should be a reasonable relationship of maximum and minimum incomes

Better housing for workers

Transport services should be nationalized

Effective machinery to commend good work and condemn bad work in the public services

Summary method to deal with corruption

Promotion of Basic Education, manual work as part of curriculum of higher education, no degree or diploma without manual work

No need for differentiation between Part A and B States

Merger of Part C States into larger units should be considered

Proper representation to minorities in legislatures and other public bodies

Removal of social disabilities of women

Need for action in the matter of redistribution of provinces on a linguistic basis where there is a demand representing the agreed views of the people of the area economic administrative and financial considerations must be taken into account

Independent line in foreign policy, friendly relations with all countries

Foreign establishments on Indian soil must revert to India

The Kashmir dispute must be settled in accordance with the wishes of the people of Kashmir

PEASANTS AND WORKERS PARTY

(Pushpak, Laxmi Road, Poona 2)

General Secretary R K Khadilkar

Political Committee R K Khadilkar I S Jadhave, R B Raut Dajiba Desai, G D Lad, Bhagwan Survawanshi K L Desai Bhimrao Yadeo, Wasant Tulpule, Udhave Rao Patil, K R Patil

AIMS AND OBJECTS

To establish complete independence by severing all connections with British Imperialism

To establish a People s Democratic Government of Workers and Peasants and all other classes which are firmly opposed to Anglo American domination and are inside the world Peace Front

To reorganise India on a linguistic basis fully recognising the right of nations to self determination

To provide constitutional protection to the language and culture of all minorities

To abolish all vestiges of Princely rule and feudalism

India and Pakistan to give mutual aid to each other with a view to further the interests of the toiling masses of both the States

Abolish Landlordism without compensation redistribute land, abolish usury, guarantee minimum living wages to agricultural labourers

To confiscate foreign capital invested in big industrial concerns banks means of communications plantations, mines etc

Nationalise big monopolist industries banks and insurance companies to secure for workers a control in the management to guarantee a living wage, seven hours day old age pension sickness benefits, etc to workers

Guarantee right of work to everybody

Control profits of private enterprises

Abolish bureucracy officials to be elected by the people with a right to recall

Creation of peoples militia

Equal rights to women and enforcement of the principle of equal pay for equal work

Total Membership As a Marxist Party the membership of the Party is strictly restricted to those who are active workers and devote a major part of their time to party work The rest are put in the class of sympathisers

Both classes of members together number about 5 000

Strength in the House of the People 2
Strength in the Council of States)
Total strength in the State Legislatures Bombay 14 Hyderabad State 10 Madhya Pradesh 1
Has the largest number of members in Bombay
Total number of votes polled in the General Elections Bombay State 7 53 588, Hyderabad 212 934 Total 966 522

(This total does not include the votes polled by the party in the Marathi speaking areas in Madhya Pradesh)

PEOPLE'S DEMOCRATIC FRONT

(Narayanguda Hyderabad)

The People s Democratic Front in Hyderabad State, is a front of the political and mass organisations given below

All Hyderabad Trade Union Congress League of Socialist Workers Communist Party, All Hyderabad Kisan Sabha Democratic People s Party, Kamgar Kisan Party

Central Council Office Bearers

Chairman Dr N M Jasoorya

General Secretary N Satyanarayana Reddy

Members Dr N M Jasoorya, N Satyanarayana Reddy Ravi Narayana Reddy Rajbhkar Kaokab Durry, Badhan Ella Reddy V D Deshpande, A J N Reddy Baba Saheb Pranjipai, Gurva Reddy, Narendra Dath Maqdom Moheddin

There are 7 P D F members in the House of People and 2 in Council of States

Two of the P D F members in the House of the People polled more than 319,000 and 290,000 votes, i e the highest in India

The P D F is the major opposition party in the Hyderabad Assembly with 46 M L As

At the end of February 1953 the total membership of the All Hyderabad Kisan Sabha including its three units Telangana Maratwada and Karnataka, was more than 280 000

The membership of the All Hyderabad Trade Union Congress was 72,000

AIMS AND OBJECTS

The introduction of planned and controlled economy of people s democracy and building it up on the strength of the people, and irrespective of foreign aid

The inclusion of basic right to work and right to education in the Indian Constitution and providing necessary conditions for the enjoyment of these rights by the people The inclusion of the right to recall and revising of constitution with a view to remove class privileges

Repeal of all repressive legislation and establishment of full democratic rights and civil liberties

Root out all communal disruptive forces and work for complete secularisation of the State

Protect the cultural, social and economic and political interests of all minorities and the oppressed and backward sections to register a rapid advance

Removal of the state of dependency and inequality of Indian woman in the social, educational and economic fields

Abolish all forms of feudal interests and privileges, remove the Nizam of Hyderabad and put an end to the entire system of Rajpramukhs

Disintegration of Hyderabad State and formation of linguistic provinces with adjacent linguistic areas

Bring about agrarian revolution give land to the tiller and put the country on the path of rapid Industrialisation and prosperity

Repeal all anti labour legislation and assure the working class and working people full employment, living wage and social security

Protect small manufacturers artisans and village industries from large scale competition and afford protection to the other industries against foreign competition

Build up people s national defence through planning of social cohesion economic prosperity and necessary minimum armed strength

Secede from British Commonwealth of Nations *and pursue a consistent policy of freedom and* world peace

Work for peace and mutual aid with neighbouring countries of Pakistan Burma and Russia and developing cultural economic and trade relations with them

Work for pact of peace between the Five Big Powers of the world for prohibition of the use of atomic weapons progressive disarmament and withdrawal of foreign troops from all countries

PRAJA SOCIALIST PARTY

(National House Apollo Bunder, Bombay 1)

Chairman, Acharya J B Kripalani, M P
General Secretary, Ram Manohar Lohia
Jt Secies , Asoka Mehta, Madhu Limaye, Sadiq Ali

National Executive Acharya J B Kripalani, Asoka Mehta, Acharya Narendra Deva, Hareshwar Goswami, M L A , Jayaprakash Narayan, K Kelappan, M P , N G Goray, Dr Prafulla Chandra Ghosh, Dr Ram Manohar Lohia Sadiq Ali, Sucheta Kripalani, M P , Surendranath Dwivedi, M C S , Madhu Limaye Baleshwar Dayal, Chinna Durai, Gopal Narayan Saxena, H V Kamat, Ishwarlal Desai, K R Karant, Mrs Leela Roy, Pattom Thanu Pillai, Prem Bhasin, P V G Raju

Total membership of the Party, 270,000
Strength in the House of the People, 27
Strength in the Council of States, 8
Total strength in State Legislatures, 209
Has the largest number of members in Madras
Total number of votes polled in General Elections
House of the People 17 352 950
State Assemblies 15,397,913

AIMS AND OBJECTS

The Party believes the reconstruction of the country can best be achieved on the basis of an egalitarian social order free from political and economic exploitation and wedded to personal freedom

The yearnings of the people for clean and efficient administration and expanding and equitable economy can be realised only through decentralisation in administration and economy

Local initiative and local control must, therefore, be the pivot of our administration and economy

Village or a group of small villages should be the unit of both administration and economy Inside the village there has to be full democratic functioning

To vitalise rural economy, land must belong to the tiller of the soil It must be redistributed in economic holdings

The Party will foster and encourage co operative farming and distribution

Economic development should be effected mainly with the help of local resources in men material and skill

To this end the Party advocates decentralisation of industry

It also envisages the development of a new technology based on small machines operated by power, capable of distribution in small units

Such a technology not only harmonises with the economic and social conditions in our country but would create circumstances which would eliminate bureaucratic control

As regards key industries foreign trade and the sectors of economy where capital tends to accumulate and power concentrate the policy of the Party will be one of nationalisation

To enable democratic checks and participation nationalisation will generally be worked out through autonomous corporations in whose control and conduct the workers technicians consumers and other allied interests are represented

The Party stands for a free trade union movement that is trade unionism free from the control of government employers and political parties

Fullest realisation of civil liberties is one of the major objectives of the Party

The spirit of austerity and of swadeshi so far as goods manufactured by decentralised industries are concerned will be fostered

The principle of swadeshi can be extended to centralised private enterprise on the basis of fair price and standard of goods Both public finance and foreign trade will be so reorganised as to work out the above policy

Economic equality and social mobility with democratic functioning are the ultimate guiding principles

In foreign policy, the party favours a policy of neutrality and non involvement and co operation with like minded forces in other countries

In defence the policy will be one of maintaining minimum armed forces and building up of a popular militia

PURUSHARATHI PANCHAYAT

(Ajmer)

President Dr Gopaldass

General Secretary Diwan Gobindram

Working Committee Diwan Arjandas M L A Diwan Moolchand Diwan Khemandas Diwan Shokatrai Diwan Bheemandas M L A Seth Parcharam Seth Chhangomal Seth Kesondass Shree Udharam Baba Shankerdas Shree Tilokchand Gopaldas Sardar Surat Singh

AIMS AND OBJECTS

To work for the social uplift of the displaced persons

To work for mutual confidence and affection between the displaced persons and the local inhabitants

To secure the co operation of the local inhabitants and to see that the displaced persons and local inhabitants work shoulder to shoulder

To secure the co operation of other organised peace loving bodies and to work for the general welfare of the citizens in general and the Narvasis in particular by peaceful constructive methods

To work for the rehabilitation of the displaced persons

Total membership of Party in country 4 000 (Ajmer only) Besides that Associations in the same name have been started at Jodhpur and Bhilwara

Total strength in State Legislatures 3

Total number of votes polled in the General Election 60 000

RAMA RAJYA PARISHAD

(Nigam Bodh Ghat Kashmiri Gate Delhi)

Patron His Holiness Jagadguru Shri Shankaracharya of Dwarka Sharada Peeth

President Rajkumari Prabhavati Devi of Devas

Secretary Rajkumar Sinh

General Manager Nandalal Sharma

The faith aims and objects

Reliance on Vedic lore ideas find practical form in Rama Rajya

Disapproval of the Europeanization of India in its political social religious and economic ideologies

Goal an Indian India

Opposition to the secularized anti Shastric Hindu Code Bill

Statutory prohibition of cow slaughter

Opposition to anti religious measures in general

Support to the demand for Akhanda Hindustan

The State should not engage in trade

The State should not spend more than it can afford

There should be sufficient reserves of gold and silver for paper money so that there is no inflation

There should be no lavish expenditure on a plethora of big projects all of a sudden

Killing of cows, monkeys, fish or locusts is a sin in itself

The constitution must be reconstituted on a religious basis -the authoritative version should be in Hindi

Prices should be lowered taxation and expenditure reduced sales tax death duties etc will not be levied

Arms to every deserving citizen

High salaries of Government officials must be reduced

Decentralization of administration

Full compensation in cases of theft

A State department of religious affairs will be set up to administer justice

The joint family system should receive prominent status

There should be arrangements for imparting most education free

Hindi should be medium of instruction in schools colleges technical institutions

Hindi should be introduced forthwith in the Government departments

Justice should be speedy and inexpensive no stamp duty in deserving cases legal service should be arranged for the poor administration of justice will be free of charge once a week or daily during a fixed period

The individual must have the right to earn and the right to own, no property should be taken away without adequate compensation

There are seven types of legitimate property which should not be confiscated inheritance, unclaimed treasure, sale proceeds, ransom, lawful interest income from trade and agriculture and dan allowed by religion

Controls and rationing should be abolished

There should be judicious regulation of export import of luxuries should be subject to prohibitive duties

Foreign aid should be reduced to a minimum

Certain basic industries e g iron and steel, should be controlled by Government

Land should be given to the landless zamindars whose lands are taken away should be given compensation

Besides fixed remuneration bonus should be given to workers

Use of legal tender will be restricted in favour of barter

Production and sale of vegetable ghee and marketing of beef will be prohibited

Railway fares and postal rates will be reduced

Industry will be decentralized

Revenue rates will be fixed

Ayurveda will be the national system of medicine

Anty ajas will be given high posts in the management of sanitary departments, and the leather and hides and allied trades will be placed in their hands

Kashmir is part of India and the ruler should maintain his rightful status

No discriminatory treatment for Bhopa or Hyderabad

All foreign enclaves will be absorbed

Will ask for cession of part of East Bengal for the rehabilitation of displaced persons Evacuee property will also be used to this end

REVOLUTIONARY SOCIALIST PARTY

(R S P Central Office 780, Ballimaran Chandni Chowk Delhi)

General Secretary, Jogesh Chandra Chatterjee

Central Executive Committee Jogesh Chandra Chatterjee, N Sreekantan Nair M P Tridib Kumar Chaudhuri, M P Keshab Prasad Sharma Pratul Chaudhuri S Bhattacharjee R Roy S V R Achariar Makhan Paul, Balrup Sharma, C Baby John, V Mahadesh kar

AIMS AND OBJECTS

R S P is a Marxist Leninist Workers and Peasants Party

It unreservedly accepts the doctrinal aspects of communism as propounded by Marx, Engels and Lenin differs from the Stalinist or official Communist interpretation of Leninism in terms of Socialism in one country alone It holds that the international Communist movement directed by Cominform places the exigencies of the foreign policies of the Soviet Union above the interests of the historical demand of the mass movements in those countries

With regard to India it advocates the policy of complete and radical Socialist transformation of the economy of the country, scrapping of the present constitution of India which places all power in the hands of capitalists and landlords and the establishment of a toiling peoples government representing workers, peasants and lower middle classes but excluding capitalist elements altogether

It differs sharply from the present policy of the C P I in decrying co operation with any section of the capitalists which the communists seem to advocate in the name of Peoples Democracy

The party also wants the abolition of all forms of landlordism and all intermediate rights between the State and the tillers of the soil and advocates a programme of radical land redistribution

It similarly wants the immediate nationalisation of all basic and key industries a highly progressive income tax and estates duty and a policy of rapid industrialisation and planned economy

It regards the present foreign policy of the Nehru Government as a satellite policy following in the wake of U S imperialism and British Commonwealth from which it wants India to secede

It opposes Gandhism and Praja Socialism as varieties of social reformism

Party membership is rigidly selective and is dependent on ideological training and practical work under the guidance of the Party

Total membership of Party in country 17 39 with 4 5 lakhs in controlled Trade Unions (United Trades Union Congress) and 6 lakhs in Peasant Organisations (United Kisan Sabha)

Strength in House of People 2
Strength in Council of States Nil
Total strength in State Legislatures 8

Has the largest number of members in the following States West Bengal Travancore Cochin U P Bihar Delhi Madras

Total number of votes polled in the General Elections about 5 lakhs

SCHEDULED CASTES FEDERATION

(207, Ghorpade Peth Poona 2)

President N Sivraj

General Secretary P N Rajabhoj, M I

Working Committee

N Sivaraj (*President*), P N Rajabhoj, M P (*General Secretary*) B K Gaikwad (Bombay) Miss Shanta Dani (Bombay), B H Varale (Bombay) Hardas Awode (M P) R V Kawade (M P) A Ratnam M L A (Madras) Sheth Fuli Das (U P) Tilak Chand Kureel (U P) Kundanmal (Rajasthan) P Kunjan (Travancore Cochin) B S More (Hyderabad), I H Subbaiah (Hyderabad) J S Bansode (M B) Gangaramji (M B) P M Swamidoral M L A (Mysore) C M Arumugam (Mysore) Mohan Singh Gill, M L A (PEPSU), L Yadapalli (Andhra) A R Botab (Himachal Pradesh) Hardas Aharwar (Vindhya Pradesh) Swami Darshanandji (Delhi) Sheth Kisan Das (Punjab) Dr B R Ambedkar

The object of the All India Scheduled Castes Federation is the attainment by the Scheduled Castes of a status as a distinct and separate element in the national life of India and their political economic and social rights to which they are entitled by reason of their needs their number and their importance

Strength in the House of the People 2
Strength in the Council of States 2
Total strength in State Legislatures 12

Has the largest number of members in Bombay, Madras Madhya Pradesh and Uttar Pradesh

Total number of votes polled in General Election
House of the People 25 01 964
State Assemblies 18 08 742
Total 43 10 706

THE SIKHS

Broadly speaking there are three groups among the Sikhs One group forming the main body of the Central Akali Dal is led by Master Tara Singh with Sardar Hukum Singh, a member of Parliament as President It is in favour of maintaining the separate indentity of the Sikh community

The second group is represented by the Panthic Durbar led by the Maharaj a of Patiala This group favours discarding the separate identity of the Sikhs In February 1949 the Working Committee of the Durbar held a meeting in Patiala at which it decided not to have a political programme and not to fight elections as a party

In addition to the Panthic Durbar there is also a large body of Sikhs who follow the Congress or conform to the Congress outlook and think that the sikh should not have a separate organization The strength of this section of Sikhs cannot be definitely stated as it fluctuates with the changing fortunes in the Punjab

The Sikh point of view as such is underlined by two memoranda which are worth quoting The first is a four page memorandum presented by Sikh members of the Minorities Advisory Committee of the now defunct Constituent Assembly to the sub committee which was specifically set up to consider the Sikh case

This memorandum can be regarded as the most authoritative statement of the demands made by the Sikhs from time to time since independence The following demands were set out in the memorandum

1 To avoid becoming a permanent minority equality of representation must be secured in the Punjab or the boundaries of the State must be so redrawn that the resulting province contains a majority of Punjabi speaking people'

2 There must be adequate weightage in the Indian Parliament When the Anglo-Indians, for instance, are given six seats the Sikhs must have proportionate representation

3 In U P and Delhi cognizance must be taken of recent migrations For instance, in U P there would be about 500,000 Sikhs and in Delhi about 100 000

4 In the Punjab and Central Cabinets there must be a convention which assigns a certain number of seats to Sikhs One seat must be assured in the Central Cabinet, while in the Punjab Cabinet if the present boundaries are retained one half of the seats must be allotted to Sikhs

5 In all committees, commissions and delegations there must be one Sikh

The theory on which the claims are sought to be justified is that as in undivided Punjab the Sikhs are opposed to communal majority rule In fact, the opposition is even stronger today because the proportion of Sikhs in the Indian Punjab has increased on account of the partition Other grounds for justification are Sikh suffering in the cause of undivided India, Sikh contribution to the defence of the country and distribution of the community on the strategic borders of India

The creation of a Punjabi-speaking State is justified on the linguistic principle which is recognized by the Congress The new State it is claimed can be formed by cutting off the Districts of Rohtak, Gurgaon and the Tehsils of Bhiwani and Hansi in the Hissar District

To make the area more compact the Punjab States could merge with the new province The Sikhs finally, remind the Congress of its promise to them that the Congress will not be a party to any solution of the communal problem that does not satisfy the Sikhs

About the same time as Sikh members of the Constituent Assembly handed in their memorandum four Sikh scholars issued a lengthy statement discussing the question of what the Sikhs really wanted

Only a little imaginative sympathy is needed, the statement said, to realize the great and unprecedented sufferings of the Sikhs in the recent terrible happenings in the Punjab After describing the sufferings the statement added, Almost 40 per cent of the entire Sikh community can be described as refugees in some form or other

The statement then goes on to say that being a self reliant and sturdy people all that the Sikhs need is opportunity—opportunity to create, construct and thus carve out their prosperity as they did in the old Punjab

Among the most urgently needed relief were the following 1 An announcement that the question of the Gurudwaras left behind in Pakistan was being taken up by the Government of India with the Pakistan Government The Nankana Sahib Gurudwara should be created a free city like the Vatican The other Gurudwaras in Pakistan should be administered by the Nankana Sahib authorities An equivalent of the land attached to the Nankana Sahib and other Sikh shrines in Pakistan should be allotted to the S G P C in the Punjab thus giving the Sikhs an opportunity to re establish their educational and social life, 2 As the worst sufferers among land holders they should be given a generous share in the new colony areas in Hissar and Karnal Districts to make up for their losses in the colony areas of Pakistan, 3 All Sikh refugees no matter where they come from West Punjab, N W F P, Bahawalpur or Sind should be accommodated in the Punjab This will provide a homeland for Sikhs in India, 4 In their rehabilitation policy Government should make no distinction between landlords and tenants, 5 To provide houses work on new townships should be taken in hand immediately and the site of the new capital of the Punjab should be announced without delay

ZAMINDAR KISAN SABHA (ZAMINDARA LEAGUE)

(Sonepat Dist Rohtak Punjab)

President Chander Bhan Chhikara

Vice Presidents, Sirt Chand M L A Suraj Mal M L C

General Secretary S Mohinder Singh Dhand

Secretary Dharam Singh Rathee

Office Secretary Nehatter Singh Malik

Members of Executive Committee Maru Singh, M L A Man Singh Thakur Anang Pal Singh, Sumer Singh Bant Singh Mahant Singh Col Niranjan Singh Gill S Karam Singh Rao Lal Singh M L C

Votes secured in the last election 412 223

Membership of the party 50 000

Members in House of People, Nil

AIMS AND OBJECTS

To safeguard the independence of the country and to establish Panchayet Raj with the village as the basic unit and supreme source of authority

To support Indians abroad in the struggle to obtain rights of citizenship

To maintain public peace and order

To acquire complete autonomy in the provincial sphere in all matters set apart for the provinces in the constitution of the country

To encourage the development of all political parties based on economic or vocational principles

To ensure equal opportunity for progress to all sections of society particularly the peasants and working classes

To protect freedom of speech press conscience and association

To secure special representation in the defence services for the Punjab keeping in regard its sacrifices and martial traditions

To provide free medical aid and free primary education

To safeguard present legislation for the protection of the backward classes and to get new legislations enacted in their interest

To develop the economy of the country on voluntary co operative farming and cottage industry through co operative societies

To nationalise key industries with a view to foster and encourage cottage industries

To effect economy in the administration of the country and protect the public from the burden of heavy taxation

To provide means of easy credit at cheap interest in the rural areas

To secure legitimate representation in the services for the rural population and backward classes

To secure amenities of life in rural areas in proportion to their numerical strength and the burden they share in taxation

To secure proper facilities for insurance for crops and cattle wealth

To ensure employment for all

The party will achieve its aims and objects through democratic and constitutional means as far as practicable

*

GENERAL ELECTIONS 1952.*

THE first general elections under the new constitution were divided into three stages First, there were the elections to the House of the People§ and the State Legislative Assemblies After an interval there took place the elections to the upper Houses, the Council of States at the centre and the Legislative Councils in the States Finally there were the elections of the President of the Union and the Vice President

The elections were thus spread over a period of about six months They started in October (Oct 25) 1951 and ended in May 1952

Here are a few facts pertaining to the constitution (For details see under Constitution)

President -Elected by the elected members of Parliament and the State Legislative Assemblies

Vice President—Elected by members of both Houses of Parliament at a joint session

Council of States Elected by elected members of State Legislative Assemblies and Electoral Colleges, some nominated by President

House of the People§—Elected on adult suffrage

State Legislative Council—Elected partly by members of local bodies, graduates, members of State Assembly, and partly nominated by Governor

State Legislative Assembly—Elected on adult suffrage

Here are a few more election facts which give some idea of the scale on which the elections were organized

Seats

PARLIAMENT—	
House of the People	489†
Council of States	216
STATE ASSEMBLIES (22)	3 283
STATE LEGISLATIVE COUNCILS (7)	419
ELECTORAL COLLEGES (3)	90
	4,497

Legislators

Directly Elected	3,772
Indirectly Elected	546
Nominated	97
	4,415

Number of Constituencies (including Council constituencies) 3,293

Number of Voters- About 176 millions (nearly half are women)

Average Number of Voters per Seat—House of the People 3,60,000 (in Parts A and B States)

State Assemblies 30,000 -73,000 (in A or B States)

Total number of candidates—Over 17,000

Total number of votes cast—211 170 millions

Polling Booths—2,25,000 (approximate)

Ballot Boxes—Over 2 3 millions

Ballot Papers—600 millions

Staff Engaged on Election Work - 5,60,000 (appro)

Maximum Election Expenses—House of the People (Single Member Constituency) Rs 25,000, (Multi Member Constituency) Rs 40,000, State Assembly (Single Member Constituency) Rs 1,000—Rs 8,000, (Multi Member Constituency) Rs 2,000—Rs 12,000

Cost—Rs 10 crores

(Cost in Part C States wholly borne by Central Government, in Part A and B States the extra cost of the election was shared half and half between Central and State Governments)

A list of the parties with the symbols allotted is given below Congress (two bullocks with a yoke), Communist Party (ears of corn with a sickle), Forward Bloc (Marxist) (standing lion), Forward Bloc (Ruikar group) (human hand), Kishak Mazdoor Praja Party†† (hut) Hindu Mahasabha (horse and rider) Ram Rajya Parishad (rising sun), Scheduled Castes Federation (elephant) Socialist Party†† (tree)

Here is a list of other approved symbols spade and stoker flaming torch, star cultivator winnowing grain, lamp, bow and arrow railway engine, cycle, cart, boat, flower, pitcher, ladder scales, cock camel

Many Part B and C States had never experienced an election before

Everywhere the general elections were different from all previous elections in the following respects 1 adult suffrage, 2 no communal electorates 3 all India scale of the elections 4 allotment of symbols to candidates 5 voting by dropping ballot paper in box 6 canvassing near polling booths forbidden 7 no election meeting on day of election or on day previous to election, 8 heavy punishment for attempting to create disturbance at meeting 9 stamping part of voter s body with indelible ink to prevent voter from voting more than once

A SURVEY

The enthusiasm and discipline displayed by the electorate was extraordinary the State administrations conducted the polls in an able manner

The present delimitation procedure was too lengthy and cumbersome and unscientific in parts', modifications for the future would be necessary

The fact that the delimitation proposals as well as the electoral rolls were based on the 1941 census figures which were now completely out of date was itself a major deficiency which would be remedied by working on the latest census returns

There might also have to be some slight revision in the number of seats allotted to the different State Assemblies

The electoral rolls would be under constant revision and the omission of some 28 lakh women from the rolls—mostly in Rajasthan and Bihar—on account of the non disclosure of their names, would be made good

In some States more women exercised their franchise than men

Polling was very peaceful and in only six polling stations out of a total of 2,25 000 in the entire country, had polling to be adjourned on account of disturbances Even the crime graph had shown a marked drop during the period

A feature of the elections was that as many as 20 ex Rulers of princely States were elected to State Assemblies and four to the House of the People Seven of these were from Madhya Pradesh five from Orissa and two from Rajasthan Six Rulers were elected on the Congress ticket and seven were officially labelled independents Two belonged to the Ram Rajya Parishad and one was a nominee of the Ganatantra Parishad

Repolling had to be ordered in 348 polling stations, 66 for Parliament and 282 for the Assemblies

The total number of adjourned polls including six due to violence, was 62—33 for Parliament and 29 for Assemblies

Candidates who lost their deposits contributed over Rs 22 lakhs to the public exchequer

There were about five candidates for every Assembly or Parliamentary seat on an average, compared to the previous average of three candidates to a seat

The conduct of these elections during three and half months kept a staff of nearly 5,60,000, some of them specially trained but mostly drawn from teachers Government servants employees of local authorities and other public institutions engaged in manning 2 25 000 polling booths and then counting over 103 592 million votes in the Assembly elections and over 107 578 millions in the Parliamentary elections

Villages displayed greater keenness and enthusiasm in the elections than the more 'sophisticated towns While in villages polling on the whole reached 60 per cent of the electorate, in towns it was only 40 per cent

Keenness was most marked among the old infirm blind and sick persons almost a hundred per cent of whom in many cases came out to exercise their franchise The psychological explanation for this was that these people, frustrated for years, had seized the chance to feel equal with others

The density of polling varied from 30 per cent in the mountainous parts of Himachal Pradesh where communications are difficult to over 70 per cent in the highly literate State of Travancore Cochin

But in most of the States it was round about 50 per cent

PARTY POSITION

India s first adult suffrage General Elections passed into history as the world s biggest General Election because The choosers were 176 million men and women—the world s largest electorate, they chose from among 17 000 candidates representing nearly 75 political parties and the chosen were 3 283 members to fill 22 State Assemblies and 489 seats to the House of the People

The electorate voted the Congress Party to power with absolute majority in 18 out of 22 States and also at the Centre The party was also returned as the biggest single party but short of absolute majority in four State Assemblies

The General Elections commenced towards the end of October 1951 as already mentioned, in the two mountainous sub districts of the Himalayan State of Himachal Pradesh The scene then moved over to the coastal State of Travancore Cochin at the southern tip in November, and slowly worked towards a climax in January when the bulk of voters went to polls

Of the representatives selected for the 22 State Assemblies 2,247 were Congressmen, 124 Socialists 117 came from the Communist Party and its allies, 77 belonged to the Kisan Mazdoor Praja Party, 33 were Jan Sangh nominees 12 represented the Scheduled Castes Federation, and Independents numbered 326

Successful candidates of other parties annexed 237 seats These included Jharkhand in Bihar (32) Janata in Bihar (11) Lok Sewak Sangh in Bihar (7) Forward Bloc (Marxist) (18), Ganatantra Parishad (31) Krishikar Lok Party (22), Akalis (33), Peasants and Workers Party (24), Tamilnad Tollers Party (19), United Socialist Organisation (8), Muslim League (5), Commonweal Party of Madras (6), Travancore Tamilnad Congress (8), and Independent Anti Merger Group in Coorg (9)

Congress Party

The Congress Party, voted to power at the Centre and in 18 States, scored its greatest victories in Uttar Pradesh, the home State of the Prime Minister, and Saurashtra, where it captured 90 per cent of the Assembly seats

In Bombay, Madhya Pradesh, Bhopal and Delhi it secured over 80 per cent of the Assembly seats In other States its strength varied from 53 per cent to 77 per cent except in Rajasthan, where it succeeded in securing a bare workable majority winning 81 of the 160 seats

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* Unless otherwise stated Madras throughout this section includes Andhra

† Another ten are nominated by the President to represent certain administrative areas

§ Now called Lok Sabha

†† Now merged into the Praja Socialist Party

Of the 103 592 million votes cast in Assembly elections the Congress which won 2,248 of the 3,283 seats it contested, secured 47 96 per cent

In the four States of Madras Travancore Cochin PEPSU and Orissa, the Party was returned as the largest single party though not in absolute majority

In Orissa, the Party was three short of an absolute majority

The challenge to the Congress in the southern States of Madras and Travancore Cochin came from the Communists and their allies and the K M P Party

But in the north western border State of Rajasthan, formed by the integration of ten former Princely States of Rajputana and in the eastern State of Orissa enlarged in area by the merger of 24 former States, the challenge came from the former Rulers, big landlords and allied forces

In PEPSU the main rival of the Congress was the Shiromani Akali Dal, an organisation of the Sikhs, which captured 19 of the 60 seats in the Assembly as against 25 won by the Congress

In Orissa the Ganatantra Parishad led by the Maharaja of Patna, secured 31 seats, its successes being more marked in Bolangir and Kalahandi Districts former State areas, and the Koraput District, comprising former Jeypur State

In Rajasthan jagirdars and former Rulers contesting either as *Independents or on* the tickets of Jan Sangh, Ram Rajya Parishad and Hindu Mahasabha upset the calculations of the Congress Party and together secured 62 seats

In Madras the Congress obtained just over 40 per cent of the seats polling 34 6 per cent of the total of 19 229 million votes cast

Six of the Ministers, including the Chief Minister, failed to find favour with the electorate in the State which provided some of the biggest election surprises

Leaders of other parties were equally luckless in Madras

In Travancore Cochin, the Party obtained just over 40 per cent of 108 Assembly seats with the aid of 35 1 per cent of the total of 3 403 million votes cast

Communist Party

Next to the Congress the Communist Party and its allies secured the largest number of seats in the Assembly elections They gained 181 seats out of 587 seats they contested and their nominees obtained 6 04 per cent of the total votes cast

The party had notable success in Travancore Cochin Madras, Hyderabad and in the Part C State of Tripura on the Burma border

Contesting mostly as Independents, Communists in Travancore Cochin combined with the Revolutionary Socialist Party and the Kerala Socialist Party to form the United Front of Leftists and secured 32 seats

In the States of Madras, the Communists won 61 seats in the Assembly

In Hyderabad contesting on the ticket of the Peoples Democratic Front, they annexed 42 seats and in West Bengal 28 seat

In the elections to the Electoral College in Tripura, the small Chief Commissioner s State the Communists and Independents contesting with the support of the party secured an absolute majority gaining 16 of the 30 seats

The Communist Party failed completely in Bihar, Madhya Pradesh, Madhya Bharat, Rajasthan, Saurashtra and Uttar Pradesh, where it drew completely blank though it put up 110 candidates in these States

Other Parties

The Socialist Party* which contested the largest number of seats after the Congress was generally luckless with the electorate

Of the 1,793 candidates who contested the Assembly elections on the party ticket, only 126 were returned The Party candidates, however, polled 9 62 per cent of the total votes cast in the Assembly elections

The largest block of the Socialists returned was in Bihar, home State of their leader Mr Jayaprakash Narayan, where they won 23 of the 264 seats they contested for the 330 member Assembly

The other States where they secured a fair number of returns were Uttar Pradesh (18), Madras (13) Travancore Cochin (1), Vindhya Pradesh and Hyderabad (11 each), Orissa (10) and Bombay (9)

The worst defeats for the party came from West Bengal, the Punjab and PEPSU where they failed to secure any seat

In West Bengal, the party set up 79 candidates, 45 of whom lost their deposits, in the Punjab and PEPSU they had 31 and 17 candidates respectively

Of other all India parties in the election field, the Kisan Mazdoor Praja Party* of Acharya Kripalani, obtained 78 of the 945 seats they contested The votes polled by the Party s candidates run to 4 91 per cent of the total votes polled

This party's main successes came from Madras (35), West Bengal (15), and Mysore (8)

The returns in Madras were just over 27 per cent of the 33 seats the Party contested, but its leader, Mr T Prakasam a former Chief Minister of Madras could not get elected to the Assembly

The gains in Bengal were nearly 12 per cent of the seats contested

The Jan Sangh founded by the late Shyama Prasad Mookerjee obtained only 35 seats of the the 732 it contested

The Party got 2 73 per cent of the total poll Nine of its successes came from West Bengal and eight from Rajasthan

But the party suffered a complete rout in the Punjab, which was considered one of its strongholds, and none of the 65 candidates it put up topped the polls in any Assembly seat

The Ram Rajya Parishad and the Hindu Mahasabha fared no better, the Sabha winning 20 of the 206 seats it contested and the Parishad 32 of the 304 it contested

In terms of votes the Parishad secured 1 17 per cent and the Sabha 0 82 per cent of the total poll

The Scheduled Castes Federation, which under the leadership of Dr B R Ambedkar, a former Law Minister of the Government of India, on its own and in some places in alliance with other parties contested 73 seats but got just a dozen But it secured 1 63 per cent of the total poll

The Peasants' and Workers' Party, which obtained 26 seats in Bombay, Hyderabad and Madhya Pradesh, got 1 04 per cent of the votes while Independents got 20 17 per cent of the total poll

Other parties, mostly regional, together polled 8 82 per cent of the total votes Invalid votes accounted for nearly 1 08 per cent of the total poll

Two hundred and eighty seven Independents out of 5,681 who contested were returned to the 22 State Assemblies, which is the largest number after the Congress Party

The Madras electorate returned the largest number—68, while in Rajasthan Independents returned number 35

Every other State Assembly had among its members a few Independents whose number varied from two in Vindhya Pradesh and Saurashtra to 19 in the Punjab except in Coorg, where none of the 10 independent candidates, who contested two seats, found favour with the electorate

SOME GENERAL FEATURES

The total number of deposits forfeited was 9,067, the money realized being Rs 22,80,350

Sixty six women contested the elections to Parliament and 216 to State Assemblies and Electoral Colleges Of these 19 were elected to the House of the People, 14 to the Council of States, and 82 to the various State Assemblies and Electoral Colleges

Ten members were returned unopposed to the House of the People, the number of straight contests was 43, the number of triangular contests 82, the rest (348) involved more than three candidates

The highest vote in an election to the House of the People was polled by Ravi Narayana Reddi (P D F) from Nalgonda in Hyderabad—309,162, the lowest vote was polled by Panchu Gopal Sen (Ind) from Calcutta North west—759

The highest percentage of vote was secured by Muchaki Kesa (S T Ind) from Bastar Madhya Pradesh—83 0, the lowest percentage was polled by Panchu Gopal Sen (Ind) from Calcutta North west—0 5

In the elections to the State Assemblies and Electoral Colleges 61 members were returned unopposed In 267 constituencies there was a straight fight, in 411 there were triangular contests and in the rest (2 631) there were more than three candidates

The highest vote in an election to a State Assembly or Electoral College was secured by Nadimpalli Ramabhadraraju (K M P P) from Amalapuram in Andhra—80,180 the lowest vote was polled by Surinder Nath (Ind) from Patiala City PEPSU—20

The highest percentage of vote was secured by Kiranmala Devi (C P I) from Khowai Kalyanpur Tripura—96 8 the lowest percentage was polled by Surinder Nath (Ind) from Patiala City, PEPSU—0 09

In addition to the 72 reserved seats for the Scheduled Castes in the House of the People one Scheduled Caste member was elected (B S Murthy K M P P from the Eluru Constituency of Andhra)

In addition to the 477 reserved seats for the Scheduled Castes in the State Assemblies three Scheduled Caste members were elected 1 Gangadhar Naskar (C P I) from Bhangore West Bengal 2 Gangapada Kuor (K M P P) from Keshpur, West Bengal, 3 Deviappan Kangany (T T N C) from Devicolam Peermade, Travancore Cochin

Seven Rulers contested the elections to the House of the People Of these four were elected

Twenty-two Rulers contested the elections to the State Assemblies Of these twenty were successful

Below are given the names of the Rulers who successfully contested seats in the House of the People, the State in which the constituency lay, and the party affiliations

1 Raja Anand Chand of Bilaspur (Bilaspur Ind), 2 Maharaja Rajendra Narayan Singh Deo of Patna (Orissa Ganatantra Parishad), 3 Maharaja Karni Singhji Bahadur of Bikaner (Rajasthan Ind), 4 the late Maharaja Hanwant Singhji of Jodhpur (Rajasthan Ind)

The twenty Rulers who succeeded in the elections to the State Assemblies are as follows

1 Malajirao alias Nanasaheb Naik Nimbalkar of Phaltan (Bombay Con), 2 Vijayasingharao Ramrao Dafle of Jath (Bombay Ind), 3 Raja Bahadur Birendra Bahadur Singh of Khairagarh (Madhya Pradesh Con), 4 Maharaj Ramanuj Saran Singh of Surguja (Madhya

* Now Praja Socialist Party

Pradesh Con), 5 Raja Lalit Kumar Singh of Raigarh (Madhya Pradesh Con), 6 Raja Bijai Bhushan Singh of Jashpur (Madhya Pradesh R R P), 7 Maharajadhiraj Bhanu Pratap Deo of Kanker (Madhya Pradesh Ind), 8 Raja Saheb Chandra Chur Prasad Singh of Udaipur (Madhya Pradesh Con), 9 Raja Naresh Chandra Singh of Saranga rh (Madhya Pradesh Con), 10 Mahant Rituparana Kishore Das of Chhukhadan (Madhya Pradesh Ind), 11 Raja Bahadur Leeladhar Singh of Sakti (Madhya Pradesh Ind), 12 Raja Bahadur Kishore Chandra Deo Bhanj of Daspalla (Orissa Con), 13 Raja Sahib Harihar Singh Mardaraj Bhramarbar Deo of Khandpara (Orissa Ind), 14 Raja Saheb Krishna Chandra Singh Mandhata of Nayagarh (Orissa Ind), 15 Maharaj Pratap Kishore Deo of Kalahandi (Orissa Ganatantra Parishad), 16 The late Maharaja Hanwant Singhji of Jodhpur (Rajasthan Ind), 17 Thakore Chandra Sinhji of Dhrol (Saurashtra Ind), 18 Nawab Mohd Iftikharali Khan of Malerkotla (PEPSU Ind), 19 Raja Kausalendra Pratap Bahadur Singh of Kothi (Vindhya Pradesh R R P), 20 Raja Hitendra Sen of Keonthal (Himachal Pradesh Ind)

The Rulers who contested seats in the House of the People and failed are

1 Maharaja Himmatsinhji Dowlatsinhji of Idar (Bombay Ind), 2 Thakur Dharamraj Singh of Kawardha (Madhya Pradesh R R P) 3 Maharaja Aditya Pratap Singh Deo of Seraikella (Orissa Ganatantra Parishad)

The Rulers who contested seats in State Legislative Assemblies and failed are

1 Ranjitsinhji Prithvisinhji Parmar of Sudasana (Bombay Ind), 2 Lakshman Singh of Dungarpur (Rajasthan Ind)

Unopposed Returns

The names and constituencies of the 57 members returned uncontested are given below

Assam (3) Harison Momin (ST) (*Baghmara*) Hakim Chandra Rabha (ST) (*Goalpara*), Davidson Bhobora (ST) (Con) (*Panery*)

Bihar (1) Muhammad Tahir (*Amour*)

Bombay (4) Bhailjibhai Garbadbhai Tadvi (ST) (Con) (*Chhota Udaypur*), Bhulabhai Dulabhai Tadvi (ST) (Con) (*Naswadi*), Nisarta Vir senghbhai Kanjibhai (ST) (Con) (*Sehara Lamkhda East Baria*), Solanki Purshotam Jethabhai (SC) (Con) (*Prantij Bayed Malpur*)

Madhya Pradesh (7) Pritam Kurrey (SC) (*Mandra Garh*), Thakur Parasnath (ST) (*Ambikapur*), Rameshwar Arjun (ST) (Con) (*Narayanpur*), Rajman (ST) (*Keskal*), Boda Dara (ST) (*Dantewara*) Pilloo Jagru (ST) (*Sukma*), Hirasah (Con) (*Bijapur*)

Madras (3) A K Subbaraya Gounder (Con) (*Kangayam*), Kankipati Veeranna Padal (ST) (K I) (*Golugonda*), V Srungaram (SC) (*Chittoor*)

Orissa (5) Mudi Naiko (ST) (Con) (*Nawrangpur*) Arkhita Naik (SC) (Con) (*Angul Hindol*) Surendra Singh (SC) (Con) (*Baripada*), Baldhar Naik (SC) (*Pal Lahara K Nagar*), Jadab Padra (ST) (*Balliguda*)

Punjab (1) Mohammed Yasin Khan (Con) (*Ferozepur Jhirka*)

West Bengal (1) Debendra Brahma Mandal (ST) (*Alipur Duars*)

Hyderabad (2) Srimati Shajithan Begum (*Parpi*), Veeraswami (SC) (*Kodangal*)

Madhya Bharat (1) Jeta (ST) (*Sailana*)

Mysore (1) T Channiah (SC) (*Mulbagal Srinivasapur*)

PEPSU (1) Ranjit Singh (SC) (*Kandaghat*)

Rajasthan (5) Deenbhandu Bhil (ST) (*Sarra*) Laxman Bhil (ST) (*Sarada Salumber*), Jai Chand (SC) (*Badli Sadri Rapasin*) Hari Ram (SI) (Con) (*Bagidora*) Sampat Ram (SC) (*Lachhmangarh Rajgarh*)

Saurashtra (3) Vankar Hamir Jiva (SC) (Soc) (*Limbdi Wadhwan*) Manlar Laloobhai Kishoredas (Con) (*Talaja Datha*), Abdullah Hamir Kajedia (*Morvi Malia*)

Bhopal (1) Keshri Mal Jain (Con) (*Ichhawar*)

Delhi (1) Bhagat Amin Chand (SC) (Ind) (*Reading Road*)

Vindhya Pradesh (1) Billi Chamar (SC) (*Tikamgarh*)

Travancore Cochin (4) Dr P T Thomas (Con) (*Vijayapuram*) D Kesavan Sastri (SC) (Con) (*Changanacherry*) K P Nilakanta Pillai (Soc) (*Vamanapuram*) N Cherian (Con) (*Kallupara*)

Himachal Pradesh (2) Jivnu (SC) (Con) (*Pachhad*), Partap Singh (SC) (*Renka*)

Kutch (2) Manekbai Nensi (Con) (*Adhoi*) Hetubha Ravaji (Con) (*Anjar*)

Manipur (2) Shinam Bijoy (*Jiri*) Susila (All Manipur National Union) (*Ukhrul*)

Tripura (6) Sudan Chandra Deb Barma (Comm) (*Agartala Sadar III*) Aghore Chandra Deb Barma (Comm) (*Charilam*) Bir Chandra Deb Barma (Ganatantrik Sangha) (*Takarjala*) Pyari Mohan Jang (Con) (*Dumbarnagar*), Garu Mesh (Con) (*Birganj*), Kala Mia (Con) (*Sonamura North*)

AN ANALYSIS OF BY-ELECTIONS

The following account is based on an analysis made by the All India Congress Committee

Total number of elections declared void by Tribunals upto July 1953	103
Number of by elections to the House of the People	15
Number of by elections to State Assemblies and Electoral Colleges	97

In all 15 by elections were held to the House of the People The Congress contesting 14 of them, retained seven out of 11 it had won during the General Elections

The other seats were won by the Praja Socialist Party (5), the Hindu Mahasabha (1), the Forward Bloc (1) and Independent (1)

The votes polled by the Congress in the by elections to the House of the People worked out to 45 4 per cent as against 48 9 per cent in those constituencies in the General Elections

Of the votes polled by the other parties, those of the Praja Socialist Party showed a rise from 21 1 per cent to 33 7 per cent

The percentage of total votes polled by Hindu Mahasabha, the Jan Sangh and the Ram Rajya Parishad fell from 5 5 to 3 2 the percentage polled by the Independents from 16 5 to 8, and other parties from 7 5 to 5 8

The four seats lost by the Congress were two in Bihar, one in Madhya Pradesh and one in Madras

There were 97 by elections to the State Assemblies Of these the Congress won 50 as against 49 it held after the General Elections in those constituencies

The other seats were won by the P S P (21) and other parties, including Independents (26)

Of the 97 seats the Congress contested 87 It retained 41 old seats and gained 10 new ones - three from the P S P, four from the Communists, one from the Jan Sangh one from the Hindu Mahasabha seven from Independents and three from Janata (Bihar)

Eighteen seats which the Congress lost in the by elections were annexed by the P S P (9) Communists (2) Jan Sangh (2), Hindu Mahasabha (1) and Independents (4)

The percentage of votes polled by the Congress in the State Assembly by elections rose from 37 1 to 47

Of the other parties the Communists showed a sizeable increase - from 8 5 to 13 5 per cent the percentage polled by the P S P rose from 18 1 to 18 2 that of Jan Sangh Hindu Mahasabha and Ram Rajya Parishad fell from 1 4 to 0 7 Independents from 23 8 to 12 6 and other parties, including regional parties from 8 1 to 7

PRESIDENT AND VICE-PRESIDENT

Dr Rajendra Prasad was elected President on May 6, 1952 The election started on May 2, and the results were declared on May 6 Dr Prasad was sworn in as President on May 13

The votes polled by the candidates for the Presidentship were as follows Dr Rajendra Prasad, 2,896, Prof K T Shah, 561, Mr L G Thatte, 13, Mr Chaudhri Hari Ram, 11, Mr K K Chatterji, 5, total valid votes cast 3,486, invalid votes 73 The total electorate was 4,057

In order to secure as large a degree of uniformity as possible in the scale of representation of the different States in the Presidential election, the Constitution lays down a formula for assigning weights to the votes cast by individual members on the basis of the populations of the States they represent

Each vote cast by any one of the 689 members of Parliament has, under this formula, to be multiplied by 494, while the 3,358 votes cast by members of the State Legislatures have to be multiplied by different weights ranging from 145 and 104 in the case of Madras and Bombay respectively, to 31 for Delhi and seven in respect of Coorg

With the assignment of these values the voting would be as follows Dr Rajendra Prasad 507,400 votes out of a possible total of 690,557 The votes secured by the other candidates Prof K T Shah, 92,827, Mr L G Thatte, 2,672, Mr Chaudhri Hari Ram, 1,954, and Mr K K Chatterji, 533 The number of invalid votes was 10,527

Five hundred and thirty-nine out of the 689 members of Parliament voted for Dr Prasad and 83 for Prof Shah

A State wise analysis of voting shows that Dr Prasad secured a majority of votes in all the States Only in one State, PEPSU, was the voting equally divided between Dr Prasad and Prof K T Shah, both receiving 26 votes each

In Madras, Dr Prasad secured 197 votes against 141 cast for Prof Shah In Travancore Cochin the corresponding figures are 55 and 36, in Hyderabad 96 and 48, in West Bengal 149 and 47, in Orissa 68 and 46, in Bombay 266 and 24 and in Delhi 40 and 3

All the 62 votes in Kashmir and the entire 22 votes in Coorg were cast in favour of Dr Prasad

Two detenus voted by postal ballot

The results declared are on the basis of first preference votes, as Dr Prasad secured an absolute majority at the first count

Dr Sarvapalli Radhakrishnan was elected Vice President without a contest on April 26, 1952 as he was the only candidate He was sworn in as Vice President on May 13

The new Government of India Cabinet was also sworn in on the same day

HOUSE OF THE PEOPLE* GENERAL ELECTION

House of the People*	489
Congress	362
Majority over others	235
Total votes cast	10 598 million
Invalid	205,200 (one per cent)

The Communists and allied parties won 23 seats Socialists 12 K M P P 9, Jan Sangh 3, Hindu Mahasabha 4 Ram Rajya Parishad 3 Peasants and Workers' Party 1, Scheduled Castes Federation 2 Gnatantra Parishad 5 and Independents 41

Of the remaining seats the Jharkhand of Bihar led by Mr Jaipal Singh M P won 3, Lok Sewak Sangh another organisation from Bihar 2, Akali Dal 2, Tamilnad Toilers Party of Madras 4 Commonweal Party of Madras 3 the Revolutionary Socialist Party 2 the Krishikar Lok Party of Prof N G Ranga the Forward Bloc and the Muslim League one member each

The Indian Electorate chose its 489 representatives from among 1 871 candidates There was contest for only for 479 seats ten members – seven Congressmen two Independents and one K M P P candidate having been returned unopposed to the House

Parliamentary elections were held simultaneously with Assembly and Electoral college elections in 26 States

A striking feature of the elections was the defeat of some of the top men of all political parties including the Congress as also that of some well known unattached Parliamentarians

Besides the Congress President Mr Nehru the only other head of an all India political organisation who was successful was the late Dr Shyama Prasad Mookerjee President of the Jan Sangh

The list of casualties included Mr Asoka Mehta General Secretary of the former Socialist Party and Mr Kamaladevi Chattopadhyaya another prominent Socialist leader Dr B R Ambedkar a former Law Minister of the Government of India and leader of the Scheduled Castes Federation Prof N G Ranga President of the Krishikar Lok Party Acharya Kripalani then chief of the K M P P Mr S A Dange Communist leader from Bombay Dr N B Khare President of the All India Hindu Mahasabha Mrs Prabhavati Raje, President of the Ram Rajya Parishad Mr K M Jedhe then leader of the Peasants and Workers Party

Among prominent Congressmen who lost in the elections were Mr K Santhanam Minister of State for Railways who has since been appointed Lieutenant Governor of Vindhya Pradesh Mr M Thirumal Rao Deputy Minister for Food and Mr Raj Bahadur Deputy Minister for Communications

The first two lost to Communists in Madras while Mr Raj Bahadur was defeated by an Independent in Rajasthan

All other members of the then Central Government—all the eleven members of the Cabinet, four Ministers of State and six Deputy Ministers who contested the elections—were returned to the House

Outside the Ministerial fold a notable Congress defeat was that of Mr Khandubhai Desai then President of the I N T U C who lost to an Independent in Bombay State

Among candidates who contested as Independents the outstanding defeats were those of Pandit Hirday Nath Kunzru an elder member of the present Parliament and Mr H V Kamath

Mr Nehru was elected from his home district of Allahabad The Congress President polled 233 571 or roughly 64 per cent of the votes cast for the general seat in his constituency

But the highest poll recorded in Parliamentary elections was 309 162 votes obtained by the communist Mr Ravi Narayana Reddi which was about 78 6 per cent of the total votes cast for the general seat in the Nalgonda constituency in Hyderabad

Among notable newcomers on the Congress ticket were Mrs Vijayalaxmi Pandit and Mr V V Giri

The new House also includes Mr Harindra nath Chattopadhyaya, poet, and Dr Meghnad Saha a scientist who was the only successful nominee of the United Socialist Organisation

The Congress Party was composed of 291 members from 9 Part A States 56 from Part B States and 1 from Part C States

The Party had cent per cent success in Saurashtra where it won all the 60 seats and from Kutch where it got all the three seats

The Congress scored heavily in seven other States—Uttar Pradesh, where it won 81 of the 86 seats the Punjab 16 out of 18 Bombay 40 out of 45, Assam 11 out of 12 Madhya Bharat 9 out of 11, Mysore 10 out of 11 and Madhya Pradesh 27 out of 29

Its main reverses came from Madras where it secured only 35 of the 75 seats from Travancore Cochin where it won only half of 12 seats from Rajasthan where only nine Congressmen were returned and eleven seats lost, and from PEPSU which voted for only two Congressmen though the Party made a bid for all the five seats

In the border State of Tripura, Congressmen lost both the House of the People seats to Communists

The Socialist Party which contested the largest number of seats next to the Congress – namely 254—secured only a dozen seats Its candidates polled nearly 10 50 per cent of the total votes From the nine Part A States which filled in 302 seats the party won only nine, while from the seven Part B States its only success came from Hyderabad The other two successes were recorded in Part C States

The Party drew blank in West Bengal, Madhya Pradesh, Rajasthan the Punjab Travancore Cochin Bombay and Madhya Bharat where it had put up in all 81 candidates

The Communists and their allies form the largest single opposition block in the House with their 23 members Seventy of them contested the elections and polled 4 45 per cent of the total votes cast and just as in the Assembly elections their success came mainly from Madras Travancore Cochin West Bengal Hyderabad and Tripura, which together returned 23 members

The K M P P which made a bid for 146 seats won only 9 seats Its nominees scored 5 81 per cent of the total votes cast

Only three of the 93 Jan Sangh candidates were successful the party nominees obtaining 3 05 per cent of the total poll

The Hindu Mahasabha successes were four out of 31 seats it contested, and the Ram Rajya Parishad won three of the 61 contested In terms of votes Hindu Mahasabha nominees accounted for 0 91 per cent of the votes and the R R P 1 98 per cent

The All India Scheduled Castes Federation was successful in only two of the 34 constituencies where it put up its candidates They obtained 2 30 per cent of the total votes The party's general secretary, Mr P N Rajbhoj, as also Mr S S More, General Secretary of the All India Peasants and Workers Party, who contested from the same double member constituency in Sholapur in Bombay State were successful

The 16 candidates of the Peasants and Workers Party of whom two were elected, obtained 0 98 per cent of the total poll

524 Independent candidates who contested the elections had 15 90 per cent of the votes cast in their favour but only 41 of them were returned to the House fifteen of these successful candidates came from Madras six from Rajasthan three from Bombay and two each from Madhya Pradesh and Orissa

The number of candidates put up by other parties in the field was 166 of whom 24 were successful Between them these 166 candidates obtained 6 30 per cent of the total poll

PERCENTAGE OF VOTES POLLED

The following table shows the percentage of the votes polled to the total electorate both in the elections to the House of the People as well as to the State Assemblies and Electoral Colleges

State	Percentage of the votes polled to the total electorate	
	House of the People	Assemblies & Electoral Colleges
Assam	49 18	50 24
Bihar	41 03	40 91
Bombay	56 35	57 02
Madhya Pradesh	47 11	46 03
Madras	56 50	56 57
Orissa	34 05	34 56
Punjab	56 05	55 87
Uttar Pradesh	38 98	39 33
West Bengal	41 78	43 48
Hyderabad	42 84	43 16
Madhya Bharat	36 16	35 73
Mysore	53 14	52 89
PEPSU	59 20	59 43
Rajasthan	41 06	40 77
Saurashtra	42 20	48 28
Travancore Cochin	70 80	69 37
Ajmer	54 27	52 24
Bhopal	40 35	37 31
Coorg	67 46	65 87
Delhi	57 72	58 95
Himachal Pradesh	26 26	26 68
Vindhya Pradesh	30 23	29 81
Kutch	41 46	40 02
Manipur	50 75	46 67
Tripura	48 41	39 49

PARTY POSITION

The following table shows the position in the House of the People resulting from the general election

Parties	Valid votes polled	Percentage to total valid votes polled	Seats Won
Congress	47,528,011	44 85	362
Socialist	11,126,344	10 50	12
Kisan Mazdoor Praja Party	6,158,782	5 81	9
Communist Party of India & People's Democratic Front	4 712 009	4 45	23
Jan Sangh	3 236,361	3 05	3
Scheduled Castes Federation	2,501,964	2 30	2
Ram Rajya Parishad	2,094,811	1 98	3
Krishikar Lok Party	1,489,488	1 40	1
Hindu Mahasabha	1,046,263	0 91	4
Forward Bloc (Marxist)	988,272	0 90	1
Revolutionary Socialist Party of India	393,984	0 37	2
Forward Block (Ruikar)	133,936	0 13	—
Revolutionary Communist Party of India	26,245	0 02	—
Bolshevik Party	25,792	0 02	—
Other Parties†	7,678,662	7 27	26
Independents	16,845 494	15 90	41
Total	105,987,318	99 86	489

† Other Parties include
Bihar Jharkhand Party 3, Lok Sewak Sangh 2, Chotanagpur Santhal Parganas Janata Party 1
Bombay Peasants & Workers Party 1
Madras Tamilnad Toilers Party 4, Commonweal 3 Madras Muslim League 1
Orissa Ganatantra Parishad 5 *Punjab* Akali Party 2
Hyderabad Peasants' & Workers' Party 1 *PEPSU* Akali Party 2
Travancore Cochin Travancore Cochin Tamilnad Congress 1

* Now called Lok Sabha

PARTY RECORD

The following table shows the valid votes polled by each party, the percentage to the total poll and the number of seats won in the elections to the State Assemblies

Parties	Valid votes polled	Percentage to total valid votes polled	Seats Won
Congress	43,950 263	42 34	2 247
Socialist	10 072 316	9 70	123
Communist Party of India & People s Democratic Front	5,463 338	5 25	147
Kisan Mazdoor Praja Party	5,291 777	5 10	77
Jan Sangh	2 917 830	2 81	35
Scheduled Castes Federation	1 808,742	1 74	12
Ram Rajya Parishad	1 261,135	1 21	32
Krishikar Lok Party & Khedut Sangh Lok Paksh, Bombay	1,126 288	1 08	23
Hindu Mahasabha	858 899	0 83	20
Forward Bloc (Marxist)	853 810	0 82	18
Revolutionary Socialist Party of India	249,114	0 24	6
Forward Bloc (Ruikar)	181,664	0 18	2
Revolutionary Communist Party of India	33 522	0 03	—
Bolshevik Party	27 731	0 02	—
Other Parties	7 730,131	7 45	212
Independents	21 974 210	21 17	326
Total	103 800,772	99 97	3 280

NOTE Elections to 3 seats in Assam State Legislative Assembly had not been held

The following table shows the same particulars for the Electoral Colleges

Congress	116 831	38 72	47
Communist Party of India	60 631	19 83	14
Socialist	13 638	3 56	1
Forward Bloc (R)	2 775	0 72	-
Other Parties	85,506	22 31	19
Independents	73 727	19 25	9
Total	383 128	99 99	90

VALID VOTES POLLED

This table and the next show the votes polled by each party in the Parts A and B States in the general elections to the House of the People

State	Congress 1	Socialist 2	KMPP 3	CPI 4	Jan Sangh 5	SCF 6	RRP 7	HJP 8	Hindu Mahasabha 9
Assam	1,210,707	506,943	265,687	—	96 303	—	—	—	—
Bihar	4 573,059	2,087 677	339,539	39,272	39,939		80,161	—	19,225
Bombay	5,781,277	1,573,400	639,788	14,383	—	511 028	201 486	164 569	—
M Pradesh	3,713,537	877,392	411,711	29 422	355,356	316,302	396 661	—	22,285
Madras	7,252,781	1,055,415	1,952,465	1,780,301	—	524,138	15,403	968,339	15,558
Orissa	1,601,687	563,462	52,654	211,303	—	—	—	—	—
Punjab	2,134,588	185,446	41,795	251,623	279,689	239,064	128 219	-	43 229
U P	9,047,382	2,208,685	836,129	59,699	1,244,085	492,121	606,030	—	325,601
W Bengal	8,205,162	152,299	679,149	720,304	452,278		13,110	—	324,870
Hyderabad	1,945,798	651,316	—	PDF 1,367,404	—	308,591	—		—
M Bharat	992,159	268,399	4,648	24,716	188,569	—	278,475	—	122,213
Mysore	1,509,075	181,430	650,658	73,322	117,470	—	—	—	—
PEPSU	492,408	38,222	39,749	—	43,349	—	—	—	—
Rajasthan	1,460,998	118,287	31,443	5,490	107,104	44,171	330,760	356,580	35,338
Saurashtra	506,112	36,980	32,193	—	—	—	—	—	99,311
Trav Cochin	1,070,700	459,669	—	—	—	—	—	—	—
	46,497,430	10,965,031	5,977,608	4,577,239	2,924,092	2,435,415	2,050,305	1,489,488	1,007,630

VALID VOTES POLLED – (*contd*)

State	Forward Bloc (M) 10	RSPI 11	Forward Bloc (R) 12	RCPI 13	Bolshevik 14	Other Parties 15	Independents 16	Total valid votes polled 17
Assam	—	—	—	-	—	203,817	383,670	2,647,127
Bihar	133 320	—	—	—	—	1,422 376	1 256,884	9,091,452
Bombay	70 266	—	—	—	—	1,079,284	1,492 801	11,528 291
M Pradesh		-	34 137	—	-	177 381	858 407	7,192,591
Madras	332,196	-	18 061		-	1 366 949	4,646,013	19 928 519
Orissa	—	-		—	—	984 792	291 495	3 705 393
Punjab	66,765	—	—	-	—	999 871	622,097	4,992,339
U P	—	64 791	- -		—	211,519	1 978,915	17 074,957
W Bengal	344 233	108 881	81 738	26 245	25 792	71 510	1 408 361	7 613 932
Hyderabad	—	-	—	—	—	185 168	396 585	4 804,862
M Bharat	—		—	—	-	—	74 392	1 953,571
Mysore	-	—	—		—	-	292,472	2 824 427
PEPSU	41 492	-		—	—	530 482	280,410	1,475,112
Rajasthan				—	—	6 390	1,029,403	3 525,964
Saurashtra	-		—	—	—	29 766	58 344	762,706
Trav Cochin		220,312	-	—		320 911	1 418 874	3,490,466
	988,272	393,984	133 936	26 245	25,792	7,599 219	16 470 023	103 561 709

These two tables show the votes polled by each party in the Part C States in the general elections to the House of the People

State	1 Congress	2 Socialist	3 KMPP	4 CPI	5 Jan Sangh	6 SCF	7 RRP	8 KLP	9 Hindu Mahasabha
Ajmer	89,761	—	-	25,128	28 990	—	13,624	—	—
Bhopal	97,292	3 829	—	—	—	-		—	34,712
Bilaspur	—	—	—	—		—	—	—	—
Coorg	38,063	—	-	—	—	—	—		—
Delhi	324,214	—	47,735	-	169,997	22,702	4,286		3,921
H Pradesh	88 585	16 780	27,368		23,918	18 988	—		—
V Pradesh	238 215	106,847	106 071		79,761	24,859	26,596	-	—
Kutch	78,771	5 985	—	-	—	—	-	—	—
Manipur	36 317	28 372	-	13,184		—	—	—	—
Tripura	40,263	—	—	96 458	9,663	—	—	-	—
B F	1 031 481	161,313	181,174	134,770	312,269	66 549	44,506	—	38,633
	46,497,430	10 965,031	5,977,608	4,577,239	2,924,092	2,435,415	2,050,305	1,489,488	1,007,630
Total	47 528,911	11 126,344	6 158,782	4,712,009	3,236,361	2,501,964	2,094,811	1,489,488	1,046,263

State	10 FB (M)	11 RSPI	12 FB (R)	13 RCPI	14 Bolshevik	15 Other Parties	16 Independents	17 Total valid votes polled
Ajmer	—	—	-	-	—	10 778	10 718	178,999
Bhopal	—	-	—	—	—	8,808	25,316	169,457
Bilaspur	—	-	—	—	—	—	—	
Coorg	—	—	—	—	—	—	25,750	63,813
Delhi	—	—	—	—	—	—	83,045	655,900
H Pradesh	—	—	—	—	—	—	47,550	223,189
V Pradesh		—	—	—	—	—	123 544	705,833
Kutch	-	- -	—	—	—	—	34,824	119,580
Manipur	—	—	—	—	—	59,857	13,737	151,467
Tripura	—	—	—	—	—	—	10,987	157,371
B F	—	—	—	—	—	79,443	375,471	2,425,609
	988,272	393,984	133,936	26,245	25,792	7,599,219	16,470,023	103,561,709
Total	988,272	393,984	133,936	26,245	25,792	7,678,662	16,845,494	105,987,318

CANDIDATES SET UP

This table shows the number of candidates set up by each party for the House of the People in individual States

State	Con	Soc	KMPP	CPI	JS	SCF	RRP	KIP	HMS	FB(M)	RSPI	FB(R)	RCPI	Bol	OP	Ind	Total
Assam	11	8	6	—	2	—	—	—	—	—	—	—	—	—	4	9	40
Bihar	54	46	16	2	2	—	3	—	1	6	—	—	—	—	22	46	198
Bombay	44	24	10	1	—	4	6	3	—	2	—	—	—	—	16	38	148
Madhya Pradesh	29	20	8	1	8	3	9	—	1	—	—	9	—	—	4	23	109
Madras	74	20	31	16	—	9	2	19	2	5	—	1	—	—	13	101	293
Orissa	18	10	2	4	—	—	—	—	—	—	—	—		—	13	11	58
Punjab	18	6	1	4	8	2	4	—	1	3	—	—	—	—	18	34	99
Uttar Pradesh	86	61	37	2	41	8	21	—	12		4	—	—	—	7	85	364
West Bengal	34	7	10	9	6	—	2	—	6	6	3	2	1	1	1	60	148
				PDF													
Hyderabad	25	13	—	12	—	4	—	—		-		—	—	—	2	16	72
Madhya Bharat	11	8	1	2	4	—	4	—	1	-	—	—	—	—		6	37
Mysore	11	4	9	1	4	—	—	—	—			—	—			8	37
PEPSU	5	1	2	—	2	—	—	—	—	2	—	—	—	—	5	14	31
Rajasthan	20	6	1	1	4	1	7	7	1	—	-	—	—	-	1	25	74
Saurashtra	6	2	4	—	—	—	—	—	4	—		-	-		1	3	20
Travancore Cochin	10	9	-	—	—	—	—	—	—	—	1	—	—	-	6	21	47
Ajmer	2	—	-	1	1	—	1	—	—	—	-	-	—		1	2	8
Bhopal	2	1	—		—	—	—	—	1	—	-	—	-		1	1	6
Bilaspur	—	—	—	-	—	—	—	—	—	—	—		-	-	—	1	1
Coorg	1	—	—	—	—	—	—	—	—	—	—	-	—	-	—	1	2
Delhi	4	—	1	—	3	1	1	—	1	—	—	—	—	—	—	8	19
Himachal Pradesh	2	1	2	—	2	1	—	-	—	—	—	—	-	—	-	2	10
Vindhya Pradesh	4	4	5	—	4	1	2	—	—	—	—	-	—		—	4	24
Kutch	2	1	—	-		-	—	—	—	—	—	-	—		—	2	5
Manipur	2	2	—	1	-	-	—	—	—	—	—		—	-	7	2	14
Tripura	2	—	—	2	2	—	—	—	—	—	—	-	—	-	—	1	7
Total	477	254	146	59	93	34	62	29	31	24	8	6	1	1	122	524	1 871

PARTY POSITION IN STATE ASSEMBLIES AND COLLEGES

The following table shows at a glance the party position in individual States resulting from the general election

State	Seats			Con	Soc	KMP	JS	HMS	CPI	SCF	OP	Ind	Total
	Total	SC	ST										
Assam	108	5	9	76	4	1	—	—	1	—	9	14	105
Bihar	330	44	35	240	23	1	—	—		—	53	13	330
Bombay	315	27	29	269	9	—	—	—	-	1	18	18	315
M Pradesh	232	32	27	194	2	8	—	—		—	5	23	232
Madras	375	62	4	152	13	35	—	—	62	2	49	62	375
Orissa	140	21	28	67	10	—	—	—	7	—	35	21	140
Punjab	126	21		97	1	—	—		4	—	20	4	126
U P	430	83	-	390	19	1	2	1		—	3	14	430
W Bengal	238	40	12	150	—	15	9	4	28	—	16	16	238
									(PDF)				
Hyderabad	175	31	2	93	11	—		—	42	5	10	14	175
M Bharat	99	17	12	75	4	-	4	11	—	—	2	3	99
Mysore	99	19	—	74	3	8	—	—	1	2	—	11	99
PEPSU	60	10	—	26	—	1	2	—	2	1	20	8	60
Rajasthan	160	16	5	82	1	1	8	2	—	—	31	35	160
Saurashtra	60	4	1	55	2	—	—	—	—	—	1	2	60
Travancore Cochin	108	11	—	43	11	—	—	—	—	—	16	38	108
Ajmer	30	6	—	20	—	—	3	—	—	—	8	4	30
Bhopal	30	5	2	25		—	—	1	-	—	—	4	30
Coorg	24	3	3	15	—	—	—	—	-	—	—	9	24
Delhi	48	6	—	39	2	—	3	1	—	—	—	3	48
H Pradesh	36	8	—	24	—	3	—	—	—	1	—	8	36
V Pradesh	60	6	6	41	10	3	2	—	—	—	2	2	60
Total	3,283	477	175	2,247	124	77	33	20	147	12	293	326	3,279
Electoral Colleges													
Kutch	30	—	—	28	—	—	—	—	—	—	—	2	30
Manipur	30	—	—	10	1	—	—	—	2	—	16	1	30
Tripura	30	—	—	9	—	—	—	—	12	—	8	6	30
Grand Total	3,373	477	175	2,294	125	77	33	20	161	12	312	335	3,369

Note PDF only in Hyderabad

NOTE In the Column "OP" are included

Assam Mizo Union 3 Garo National Council 3 All Peoples Party 1, Khasi Jaintia Durbar 1 Khasi Jaintia National Federated States Conference 1—Total 9

Bihar Jharkhand Party 32 Chota Nagpur and Santal Parganas Janata Party 11, Lok Sevak Sangh 7, Ram Rajya Parishad 1, Ganatantra Parishad 1, Forward Bloc (Marxist) 1 Total 53

Bombay Peasants and Workers Party 14 Kisan Kamgar Paksh 3, Khedut Sangh Lok Paksh 1— Total 18

M Pradesh Ram Rajya Prishad 3 Shetkari Kamgar Paksh 2—Total 5

Madras Tamil Nad Toilers Party 19, Krishikar Lok Party 15 Commonweal Party 6, Madras Muslim League 5 Forward Bloc (Marxist) 3, Justice Party 1—Total 49

Orissa Ganatantra Parishad 31, Independent Peoples Party 3, Forward Bloc (Marxist) 1— Total 35

Punjab Akali Party 14, Forward Bloc (Marxist) 2, Lal Communist Party 2, Punjab Zamindara League 2—Total 20

Uttar Pradesh Uttar Pradesh Praja Party 2, Uttar Pradesh Revolutionary Socialist Party 1—Total 3

W Bengal Forward Bloc (Marxist) 11, Forward Bloc (Ruikar Group) 2, Gurkha League 3—Total 16

Hyderabad Peasants and Workers' Party 10

M Bharat Ram Rajya Parishad 2

PEPSU Akali Party 19, Lal Communist Party 1—Total 20

Rajasthan Ram Rajya Parishad 24, Krishikar Lok Party 7—Total 31

Saurashtra Khedut Sangh 1

Travancore Cochin Travancore Tamilnad Congress 8, Revolutionary Socialist Party 6, Kerala Socialist Party 1, Cochin Party 1—Total 16

Ajmer Pursharthi Panchayat 3

V Pradesh Ram Rajya Parishad 2

Manipur Praja Santhi Party 3, All Manipur National Union 3, Achumba Pamba Congress 2, Kuki National Association 2, Gandhi Sebok Sova 1, Manipur Zelengrong Union 2, Mao Mariam Union 2, Mizo Union 1—Total 16

Tripura Tripura Ganatantrik Sangha 3

ARBREVIATIONS USED

Con	—	Congress
Soc	—	Socialist
KMP	—	Kisan Mazdoor Praja Party
JS	—	Jan Sangh
HMS	—	Hindu Mahasabha
CPI	—	Communist Party of India
PDF	—	People's Democratic Front
SCF	—	Scheduled Castes Federation
OP	—	Other Parties
Ind	—	Independents

COUNCIL OF STATES*

Chairman Dr S Radhakrishnan

Dy Chairman S V Krishnamoorthy Rao

Secretary S N Mukerjee

Under Secretaries P N Krishna Mani I Krishna

ANDHRA 12

Mukkamala Basavapunnaiah (C P I) K M Rahmath Ullah (Con) K Rama Rao (Con) Prof G Ranga (K I P) S Sambahu Prasad Alluri Satyanarayana Raju Puchalapalli Sundaraya (C P I) K Suryamarayana (P S P) Pydah Venkata Narayana (P S P), Addepu Balarami Reddy Nandury Durga Mallikanjuna Prasad Rao Villuri Venkataramana

ASSAM 6

Surya Kumar Bhuyan (Con), Lakshesvar Borooah (Con), Smt Pushpalata Das (Con), Mohammad Rouhque (United Opposition Bloc), M Tayyebulla (Con), Thanhlira (Con)

BIHAR 21

Ram Gopal Agarwala (Con) Hussain Ahmad (Con) Smt Angelina (Jharkhand), Jafar Imam (Con) Syed Mazhar Imam (Con) Khwaja Inaitullah (Con) Kailash Behari Lal (Con), Sri Narayan Mahtha (Con), Smt Lakshmi N Menon (Con) Purna Chandra Mitra (Con) Kunwarani Vijaya Raje (Janata Party), Kishori Ram (Con) Rameshwar Singh (Maharajadhiraj of Darbhanga) (Ind) Braj Kishore Prasad Sinha (Con) Mahesvar Prasad Narayan Sinha (Soc), Rajendra Pratap Sinha alias Balajee (Ind) Rajeshwar Prasad Narayan Sinha (Con), Ram Bahadur Sinha (Con), Ramdhari (Dinkar) Sinha (Con), Tajamul Hussain (Con), Ganapati Iyer Gopal Valadi (Con)

BOMBAY 17

Abid Ali Jaferbhai (Con) Smt Violet Joachim Alva (Con) Bhimrao Ramji Ambedkar (S C F) Somnath Prabhashankar Dave (Con), Trimbak Raghunath Deogirikar (Con), Devkinandan Narayan (Con) Narayan Subrao Hardikar, Lalchand Hirachand Doshi (Con) Muncher shaw Dhunjeebhai Dorabjee Gilder (Con), Bhalchandra Maheshwar Gupte (Con), Shriyans Prasad Jain (Con) Premji Thobhanbhai Leuva, Smt Hirvati Kanhayalal Munshi (Con), Chandulal Pitamberdas Parikh (Con), Dhairyashilrao Yashwantrao Pawar (Con), Rajaram Balkrishna Raut (P & W P), Manilal Chaturbhai Shah (Con)

MADHYA PRADESH—12

Waman Sheodas (Con) Bhanu Pratap Singh (Con) Ramrao Madhaorao Deshmukh (Con), R P Dube (Con), Sitacharan Ramcharan Dube (Con) Martandrao Ramchandrarao Majumdar (Con) Chandragopal Gajadharprasad Misra (K M P P), Gopaldasji Bulakhidasji Mohta (Con) Dr Raghu Vira (Con), Samiullah Khan (Con) Shrimati Seeta Parmanand (Con), Rameshwar Umrao Agnibhoj

MADRAS—18

T Bhaskar Rao (Ind), Exhukuttikkal Imbichi Bava (C P I), V K Krishna Menon S Guru swami (Ind) B V Kakkilaya (C P I), T V Kamalaswamy (Ind), Mohamed Ismail (M I) Shrimati Mona Hensman (Con), K I Nara simham (C P I) V M Obaidullah Sahib (Con) T S Pattabiraman (Con) G Rajagopalan (Con) P S Rajagopal Naidu (Ind) H D Rajah (Ind) A Ramaswami Mudaliar (Ind) K Sadananda Hegde (Con) V M Surendra Ram (Con), S Venkataraman (Con)

ORISSA—9

Radhakrishna Biswasroy (Con), Jagannath Das (Con) Shrimati Shalla Bala Das (Con) Prafulla Chandra Bhanj Deo (Ganatantra Parishad), Bodh Ram Dube (Con), Surendra nath Dwivedi (Soc), Sundar Mohan Hemram (Con), Surendra Mahanty (Ganatantra Parishad), Baidyanath Rath (C P I)

PUNJAB—8

Dr Anup Singh (Con) Diwan Chaman Lal (Con), Sardar Darshan Singh (Con) Sardar Guraj Singh Dhillon (Akali), Hans Raj (Con) Sardar Swaran Singh, M H S Nihal Singh (Con), Jathedar Udam Singh Nagoke (Con)

UTTAR PRADESH—31

Ahmad Said Khan (Con) Akhtar Husain (Con), Amar Nath Agarwal (Con), Amolak Chand (Con) Brij Behari (Con) Shrimati Chandravati (Con) A Dharam Das (Con) Gopi Nath Singh (Con), Har Prasad Saksena (Con), Pandit Hirday Nath Kunzru (Ind), Indra Vidya Vachaspati (Con) Jagannath Prasad Agarwal (Con) Jasaud Singh (Con) Jaspat Roy Kapoor (Con) Begum Aizaz Rasul, Lal Bahadur Shastri (Con) Mohammad Faruqi (Con), B K Mukerji (Con), Murari Lal (Con), Acharya Narendra Deva (Soc), Nawab Singh Chauhan (Con) Ram Chand Gupta (Con) Ram Kripalsingh (Con) Ram Prasad (Con) Shrimati Savitry Devi Nigam (Con), Shyam Dhar (Con), Shyam Sunder Narain Tankha (Con), J P Srivastava (Con) Sumat Prasad (Con), Tarkeshwar Pandey (Con), Thakur Das (Con)

WEST BENGAL—14

Beniprasad Agarwal (Con), Satyapriya Banerjee [R B (M)], Indra Bhusan Beed (Con), Charu Chandra Biswas (Con) Shrimati Maya devi Chettrinee (Con), Nalinaksha Dutt (Con), Rajput Singh Dugar (Con), Bimal Comar Ghose (K M P P), Devprasad Ghosh (J S), Bhupesh Chandra Gupta (C P I), Satyendra Narayan Mazumdar (C P I), Suresh Chandra Marumdar (Con), Syed Nausherali (Con), Satyendra Prosad Ray (Con)

HYDERABAD—11

S Chinna Reddy (Con), Venkat Krishna Dhage (P D F) Raj Bahadur Goud (P D F) Dinshaw Dadabhai Italia (Con), Kishen Chand (Soc), K Narayanappa (Con) Narsingrao Bal bhimrao Deshmukh (P & W P), Osman Sobhani (Con) Puranmal Surajmal (Con), J H Subbaih (S C F) B S Venkata Rao

JAMMU AND KASHMIR

Colonel Peer Mohammad Khan Pandit Anant Ram Agt Syed Mohammad Shah Jalali vacant

MADHYA BHARAT—6

Col Sardar Chandroji Sambhaji Rao Angre (H M) Kanhiyalal D Vaidya (Con) Krishna kant Vyas (Con), Raghubirsingh (Con), Vinayak Sitaram Sarwate (Con), Trimbak Damodar Pustake (Con)

MYSORE 6

B P Basappa Shetty (Con) M Govinda Reddy (Con) S V Krishnamoorthy Rao (Con), C G K Reddy (Soc) K C Reddy (Con), Mohammad Vallulla (Con)

PEPSU—3

Jagat Nath (Con) Joginder Singh Mann (United Front) Kartar Singh

RAJASTHAN—9

Maharawal Laxmansingh (Ruler of Dungarpur) (Sanyukt Dal) Keshvanand (Con), Ramnath Anandilal Podar (Con) Barkat Ullah Khan (Con) Dr K I Shrimali (Con) Sardar Singh (Raja Bahadur of Khetri) (Sanyukt Dal), Shrimati Sharda Bhargava (Con), Mahendra Singh Rawat (Ind), Harish Chandra Mathur (Ind)

SAURASHTRA—4

Bhogilal Maganlal Shah (Con), Variva Darasha Hormasji (Con), Jaysukhlal Lal shanker Hathi (Con), Nanabhai Kalidas Bhat (Con)

TRAVANCORE COCHIN—6

Abdul Razak (I N C), S Chattanatha Karayalar (Con) K C George (U F L), Madhavan Nair (Con) Mathai Manjuran (U F L), C Narayana Pillai (Con)

AJMER AND COORG—1

Abdul Shakoor (Con)

BHOPAL—1

Master Bhairon Prasad (Con)

BILASPUR AND HIMACHAL PRADESH—1

Charanji Lal Varma (Con)

DELHI—1

Onkar Nath (Con)

KUTCH—1

Lavji Lakhamshi (Con)

VINDHYA PRADESH—4

Awadhesh Pratap Singh (Con), Banarsi Das Chaturvedi (Con) Gulsher Ahmad (Con), Baij Nath Dube (Soc)

* For a list of members who retired in 1954 and of those who were elected, see next page

MANIPUR AND TRIPURA—1

Arman Ali Munshi (C P I)

Abbreviations U F L —United Front of Leftists, K M P P Kisan Mazdoor Praja Party, K L P - Krishikar Lok Party, C P I Communist Party of India F B (M) - Forward Bloc (Marxist) P D F —Peoples Democratic Front, P & W P —Peasants and Workers Party, T T N C —Travancore Tamil Nad Congress, Con —Congress Soc —Socialist Ind —Independent, S C F —Scheduled Castes Federation

NOMINATED—12

Dr Zakir Husain Dr P V Kane, Professor Satyendra Nath Bose Dr T Mohandas Kumarappa, Dr Kalidas Nag, Kaka Saheb Kalelkar, Maithli Sharan Gupta, Prithviraj Kapoor Professor Radhakumud Mookerji, Dr Sahib Singh Sokhey, Shrimati Rukmini Devi Professor Naraindas R Malkani

Council of States Committees

Rules Committee —Dr S Radhakrishnan (*Ex officio Chairman*) S V Krishnamoorthy Rao Lal Bihari Shastri Syed Nausher Ali Braja Kishore Prasad Sinha, Begum Aizaz Rasul Shrimati Lakshmi N Menon K S Hegde Amolakh Chand Puchalapalli Sundarayya C G K Reddy Hriday Nath Kunzru Prof N G Ranga Pydah Venkatanarayana

Business Advisory Committee —Dr S Radhakrishnan (*Chairman*) S V Krishnamoorthy Rao Maulal Chaturbhai Shah Amar Nath Agrawal Amolakh Chand Prafulla Chandra Bhanj Deo, Lakshesvar Borooah Bimal Comar Ghose, Hriday Nath Kunzru Satyendra Narayan Mazumdar

Committee on Petitions :- Dispat Roy Kapoor (*Chairman*) Khwaja Inait Ullah, Awadhesh Pratap Singh, K C George, Prafulla Chandra Bhanj Deo

Committee of Privileges —C C Biswas (*Chairman*) V S Sarwate K P Madhavan Nair Akhtar Hussain Diwan Chaman Lall Dr Bhimrao Ramji Ambedkar Acharya Narendra Deva Bhupesh Gupta, Deva Prasad Ghosh Amolakh Chand

House Committee —Amar Nath Agrawal (*Chairman*) Rajeshwar Prasad Narain Sinha, Jagannath Das Dr Shrimati Seeta Parmanand Shrimati Sharda Bhargava Kunwarani Vijaya Raje, H D Rajah

Order of Retirement

The Members who will retire in 1954 are

Assam —Maulana M Fayyazbulla, R Thanhlira

Bihar —Smt Angchna Kailash Bihari Lal Mrs Lakshmi Menon, Kunwarani Vijaya Raje, Kameshwar Singh of Dharbhanga Rajendra Pratap Sinha Rama Bahadur Singh, Ramdhari (Dinkar) Singh

Bombay :—Abid Ali, Devkinandan Narayan, S P Jain, P I Leuva C P Parikh

Madhya Pradesh :—Thakur Bhanu Pratap Singh Pandit Sitacharan Dube, C G Misra, Samiullah Khan

Madras* —L K Embichibava, S Guruswamy, T V Kamalaswamy K Rama Rao, M Basavapunnaiah, N Sanjiva Reddy Muhammed Ramamathullah, P S Rajagopal Naidu, K S Hegde

Orissa —Smt Shaila Bala Das, P C Bhanj Deo, B Rath

Punjab —Dr Anup Singh H S Nihal Singh Jathedar Udham Singh Nagoke

Uttar Pradesh :—Ahmad Said Khan, Amar Nath Agarwal, Amolakh Chand, Brij Behari, Babu Gopi Nath Singh, Lal Bahadur Shastri, Maulana Mohammed Faruqi Acharya Narendra Dev, R C Gupta, Sumat Prasad

West Bengal —Dr Nalinaksha Dutt, C C Biswas, R S Dugar, S C Mazumdar, Dev prasad Ghosh

Hyderabad —K Narayanappa N B Deshmukh, Osman Sobhani, J H Subbiah

Jammu and Kashmir :—Pandit Anant Ram

Madhya Bharat — Col Angre

Mysore :—C G K Reddy, K C Reddy

PEPSU —Kartar Singh

Rajasthan :—R A Podar, Barkat Ullah Khan, M S Ranawat

Saurashtra —Dr D H Variva

Travancore Cochin —K C George, Mathai Manjuran

Kutch —Lavji Lakhamshi

Vindhya Pradesh —Capt Awadesh Pratap Singh, Baij Nath Dube

Nominated :—Satyendra Nath Bose J M Kumarappa, Prithviraj Kapoor, Dr Kalidas Nag

In 1956

Those who will retire in 1956 are

Assam —Smt Pushpalata Das, Mahammad Roufique

Bihar —R G Agarwala Jafar Imam, Kishori Ram, M P N Sinha, Tajamul Hussain, G I G Valadi Syed Mazhar Imniam

Bombay - Dr B R Ambedkar, Dr M D D Gilder P R Deogirikar N S Hardikar, D Y Pawar, M C Shah

Madras* —B V Kakkilaya

Hyderabad -K Dhage, B D Italia B S Venkata Rao Raj Bahadur Goud

Jammu and Kashmir —Aga Syed Mohammad Jalali

Madhya Bharat —K D Vaidya Krishnakant Vyas

Mysore —M Govinda Reddy, S V Krishnamoorthy Rao

PEPSU — Sardar Joginder Singh Mann

Rajasthan —Dr K L Shrimali, Smt Sharda Bhargava Harish Chandra Mathur

Saurashtra :—B M Shah Nanabhai Bhat

Travancore-Cochin —Abdul Razak, K P Madhavan Nair

Delhi Onkar Nath

Vindhya Pradesh :—Gulsher Ahmad

Madhya Pradesh —Waman Sheodas, M R Majumdar G B Mehta, Dr Raghu Vira

Nominated Dr Zakir Husain Maj-Gen S S Sokhey, Mrs Rukmini Devi, N R Malkani

In 1958

Those who will retire in 1958 are

Assam —Dr S K Bhuyan, Lakshesvar Borooah

Bihar Kazi Hussain Ahmad Khwaja Inaitullah P C Mitra Sri Narayan Mahta, B K P Sinha R P Sinha

Bombay :- Mrs Violet Alva S P Dave, Lalchand H Doshi B M Gupte, R B Raut, Mrs Illavathi Munshi

Madhya Pradesh —R M Deshmukh R U Agnihoj, Dr R P Dube, Dr Smt Seeta Parmanand

Madras* I Bhaskara Rao, K L Narasimham P Sundarayya, Pyadah Venkata Narayana G Rajagopalan H D Rajah V M Surendra Ram, Prof N G Ranga, Janab M Mohammed Ismail Sahib

Orissa :—Radhakrishna Biswasroy, Bodh Ram Dube, Surendra Mahanty

Punjab —G S Dhillon, M L Puri, Sardar Swaran Singh

Uttar Pradesh —A Dharam Das, Indra Vidya Vachaspati, J P Agarwal, B K Mukerji, N S Chauhan Shyam Dhar Tarkeshwar Pandey Thakur Das, Pandit Sham Sunder Narain Lankha Dr J P Srivastava

West Bengal :—B Agarwal, Bimal Comar Ghose Bhupesh Gupta, S N Mazumdar, Mrs Mayadevi Chettrinee

Hyderabad —S Chinna Reddy, Kishen Chand, P Surajmal

Jammu and Kashmir —Sardar Budh Singh, Peer Mohammad Khan

Madhya Bharat —V S Sarwate, T D Pustake

Mysore —B P Basappa Shetty, Mohammad Vallulla

PEPSU —Jagan Nath

Rajasthan —Maharawal of Dungarpur Swami Keshvanand Sardar Singh

Saurashtra —Jaisukhlal Hathi

Travancore Cochin - S Chittanatha Kaimal, C Narayana Pillai

Bhopal —Bhairon Prasad

Himachal Pradesh Bilaspur —C I Varma

Vindhya Pradesh —Benarsi Das Chaturvedi

Nominated :-Kakasaheb Kalelkar Maithili Sharan Gupta, Dr Radha Kumud Mookerji

As regards Ajmer and Coorg according to the Representation of People Act they have been clubbed together for one seat, them representative alternating every two years The same procedure obtains in the case of Manipur and Tripura also

Party-Wise Distribution

The following is the party wise distribution of the three categories of Council of States members —

Party	1958	1956	1954
Congress	49	52	47
Communists and allies	6	4	6
Praja Socialists	3	3	4
Krishikar Lok	2	1	—
Scheduled Castes Federation	0	1	1
Ganatantra Parishad	1	0	1
Hindu Mahasabha	0	0	1
Akalis	1	0	0
Jan Sangh	0	0	1
Muslim League	1	0	0
Janatha	1	0	0
Jharkhand	0	0	1
Independents and unattached	4	6	3
Nominated	4	4	4
Total	72	71	71

NEW ELECTIONS

As the book went to press the following were elected to the Council of States to take the places of some of those who were retiring

Rajasthan — Adityendra (Con) Barkat ullah (Con) Kanwar Vijay Singh (Con)

Assam : Fakruddin Ahmed, Bedavh Buragohain

Saurashtra —Dr D H Variva (Con)

Madhya Pradesh —Thakur Bhanupratap Singh (Con), Ratanlal Malviya (Con) Rajbhan Dangre (Con), Kazi Syed Karimuddin (Con)

Uttar Pradesh —Lal Bahadur Shastri Narendra Deva Amolak Chand Ahmad Said khan, Amar Nath Rai, Brij Behari Gopi Nath Singh, Mohammad Mian Farooqui Ram Chandra Gupta, Sumat Prasad

Mysore —K C Reddy H C Dasappa

Andhra - A Satyanarayan Raju ((Con) Shaikh Galib (Con) B Basava Punnaih (Comm), J V K Vallabh Rao (Comm)

PEPSU —Raghbir Singh Panjhazari

Manipur - Gangom Lampook Singh (Con)

West Bengal - C C Biswas Suresh Chandra Majumdar, Dr Nalinaksha Dutta, Rajpat Singh Dugar, Abdur Razzak Khan

Hyderabad - Raghu Tigirdar (Con) Akbar Ali Khan (Con) V Prasad Rao (P D F) Narsing Rao (U P P)

Orissa - Biswanath Das (Con) Swapnanda Panigrahi (Con), Prafulla Chandra Bhanjdeo (Ganatantra Parishad)

Coorg —K C Karumbaya (Con)

Punjab —Dr Anup Singh (Con) Sardar Udham Singh Nagoke (Con) Maharaj Nihal Singh Namdhari (Con)

Vindhya Pradesh Capt Avadesh Pratap Singh (Con), Mrs Krishnakumari Yadvendra Singh (Con)

* Includes Andhra

HOUSE OF THE PEOPLE*

Speaker G V Mavalankar
Dy Speaker Ananthasayanam Ayyangar
Secretary M N Kaul
Deputy Secretaries S L Shakdher, N C Nandi
Under Secretaries Babu Mal, L Andrews V Narasimhan

ANDHRA—28

V V Giri (Con) (*Pathapatnam*) B Raja gopala Rao (Ind) (*Srikakulam*) N Rama seshaiah (Ind) (*Parvathipuram*) Kandala Subrahmanyam (P S P) (*Vizianagaram*) Dr Lanka Sundaram (Ind) (*Visakapatnam*) Gam Malludora (S I) (Ind) (*Visakapatnam (R)*) Dr Ch V Rama Rao (C P I) (*Kakinada*) Nalla Reddi Naidu (P S P) (*Rajahmundry*) Kanety Mohana Rao (SC) (C P I) (*Rajahmundry (R)*) B S Murthy (SC) (P S P) (*Eluru*) Kondru Subba Rao (SC) (C P I) (*Eluru (R)*) Sanaka Buchhikotaiah (C P I) (*Masulipatnam*) Kadiyala Gopala Rao (C P I) (*Guduvada*) Harindranath Chattopadhyaya (Ind) (*Vijayawada*) Kotha Raghuramaiah (Con) (*Tenali*) S V L Narasimham (Ind) (*Guntur*) C R Chowdary (Ind) (*Narasaraopet*) Pisupati Venkata Raghavaiah (Ind) (*Ongole*) Mangala giri Nanadas (SC) (Ind) (*Ongole (R)*) B Rama chandra Reddi (Ind) (*Nellore*), Rayasam Seshagiri Rao (Ind) (*Nandyal*) Y Gadilingana Gowd (*Kurnool*), Paidi Lakshmayya (Con) (*Anantapur*) K S Raghavachari (P S P) (*Penukonda*) Y Eswara Reddi (C P I) (*Cuddapah*), T N Viswanatha Reddy (Con) (*Chittoor*) Dr M V Gangadhara Siva (SC) (Con) (*Chittoor (R)*) M Ananthasayanam Ayyangar (Con) (*Tirupati*)

ASSAM—13

Shrimati Bonliv Khongmen (ST) (Con), (*Autonomous Districts (R)*) Bell Ram Das (Con) (*Barpeta*) Suresh Chandra Deb (Con) (*Cachar Lushai Hills*), Prof Nibaran Chandra Laskar (SC), (Con) (*Cachar Lushai Hills (R)*) Kamakhya Prasad Tripathi (Con) (*Darrang*) Jogendra Nath Hazarika (Con) (*Dibrugarh*), Rohini Kumar Chaudhuri (Con) (*Gauhati*), Janab Amjad Ali (Soc), (*Goalpara Garo Hills*) Sitanath Brahma Chaudhury (ST), (Con) (*Goalpara Garo Hills (R)*), Debeswar Sarmah (Con) (*Golaghat Jorhat*), Dev Kanta Barooah (Con), (*Nowgong*), Bimala Prasad Chaliha (Con), (*Sibsagar North Lakhimpur*), Chowkhamoon Gohain (*nominated*)

BIHAR—55

Banarsi Prasad Jhunjhunwala (Con), (*Bhagalpur Central*), Shrimati Shushama Sen (Con), (*Bhagalpur South*) J B Kripalani (P S P) (*Bhagalpur cum Purnea*), Kirai Mushar (SC) (*Bhagalpur cum Purnea (R)*) Kanuram Deogam (ST) (Jharkhand) (*Chaibasa (R)*), Bipin Behari Verma (Con) (*Champaran North*), Dr Syed Mahmood (Con) (*Champaran East*) Shree Narayan Dass (Con), (*Darbhanga Central*), Aniruddha Sinha (Con) (*Darbhanga East*) Shyam Nandan Prasad Mishra (Con), (*Darbhanga North*) Lalit Narayan Mishra (Con), (*Darbhanga cum Bhagalpur*) Brajeshwar Prasad (Con), (*Gaya East*) Ram Dhani Das (SC), (Con), (*Gaya East (R)*) Bigeshwar Missir (Soc), (*Gaya North*), Satyendra Narain Sinha (Con) (*Gaya West*), Nageshwar Prasad Sinha (Con), (*Hazaribagh East*) Babu Ram Narain Singh (CNSPJP), (*Hazaribagh West*) Prabhat Chandra Bose (Con), (*Manbhum North*), Hari Mohan (SC), (Con), (*Manbhum North (R)*), Bhajahari Mahata (L S S), (*Manbhum South cum Dhalbhum*), Manjhi Chattan (SI), (L S S), (*Manbhum South cum Dhalbhum (R)*), Suresh Chandra Mishra (Soc), (*Monghyr North East*), Mathura Prasad Mishra (Con), (*Monghyr North West*), Banarsi Prasad Sinha (Con), (*Monghyr Sadar cum Jamui*), Nayantara Das (SC), (Con), (*Monghyr Sadar-cum Jamui (R)*), Shyamnandan Sahaya (Con), (*Muzaffarpur Central*), Awadheshwar Prasad Sinha (Con) (*Muzaffarpur East*), Digvijaya Narain Singh (Con), (*Muzaffarpur (North East)*), Thakur Jugal Kishore Sinha (*Muzaffarpur North West*), Rajeshwar Patel, (Con), (*Muzaffarpur cum Darbhanga*), Rameshwar Sahu (SC), (Con), (*Muzaffarpur cum-Darbhanga (R)*), Jethan Kherwar (ST), (Con), (*Palamau cum Hazaribagh cum Ranchi (R)*), Gajendra Prasad Sinha (Con), (*Palamau cum-Hazaribagh cum Ranchi*), Sarangdhar Sinha (Con), (*Patalipatra*), Kailashpati Sinha (Con) (*Patna Central*), Shrimati Parkeshwari Sinha (Con), (*Patna East*), Baliram Bhagat (Con), (*Patna cum Shahabad*), Phani Gopal Sen Gupta (Con), (*Purnea Central*), Mohammed Islamuddin (Con), (*Purnea North East*), Bhagwat Jha (Azad) (Con), (*Purnea cum Santal Parganas*), Paul Jujhar Soren (ST), (Jharkhand), (*Purnea cum Santal Parganas (R)*), Abdul Ibrahim (Con), (*Ranchi North East*) Jaipal Singh (ST), (Jharkhand), (*Ranchi West (R)*, Satyanarayan Sinha (Con), (*Samastipur East*), Ram Raj Jayware (Con), (*Santal Parganas cum Hazaribagh*), Lal Hembrom (ST) (Con), (*Santal Parganas cum Hazaribagh (R)*), Mahendra Nath Singh (Con) (*Saran Central*) Satyanarain Sinha (Con), (*Saran East*), Jhulan Sinha (Con) (*Saran North*) Dwarka Nath Tiwary (Con), (*Saran South*) Bhibhuti Mishra (Con) (*Saran cum Champaran*) Bhola Raut (SC) (Con), (*Saran cum Champaran (R)*), Kamal Singh (Ind), (*Shahabad North West*) Ram Subhag Singh (Con), (*Shahabad South*) Jagjiwan Ram (SC) (Con), (*Shahabad South (R)*)

BOMBAY—45

Ganesh Vasudeo Mavalankar (Con), (*Ahmedabad*), Muldas Bhudardas Vaishya (SC), (Con), (*Ahmedabad (R)*), Pandharinath Ramchandra Kanawade Patil (Con), (*Ahmednagar North*), Uttamchand Ramchand Bogawat (Con), (*Ahmednagar South*), Akbar Dalumiyan Chavda (Con) (*Banaskantha*), Indubhai Bhailalbhai Amin (Ind), (*Baroda West*), Balwant Nagesh Datar (Con) (*Belgaum North*) Shankargouda Veerangouda Patil (Con), (*Belgaum South*), Shivaram Rango Rane (Con) (*Bhusaval*) Rajaram Girdharlal Dubey (Con), (*Bijapur North*) Ramappa Balappa Bidri (Con) (*Bijapur South*), Vithal Balkrishna Gandhi (Con) (*Bombay City North*), Narayan Sadoba Kajrolkar (SC), (Con), (*Bombay City North (R)*), Sadashiv Kanoji Patil (Con) (*Bombay City South*), Shrimati Jayashri Naishadh Raiji (Con), (*Bombay Suburban*), Chandrashankar Mani shankar Bhatt (Con) (*Broach*), Dattatraya Parashuramrao Karmarkar (Con) (*Dharwar North*), Timmappa Rudrappa Neswi (Con) (*Dharwar South*), Hari Vinayak Pataskar (Con), (*Jalgaon*), Fulsinhji Bharatsinhji Dabhi (Con), (*Kaira North*), Shrimati Maniben Vallabhbhai Patel (Con), (*Kaira South*), Joachim Pledade Alva (Con) (*Kanara*), Chintaman Dwarkanath Deshmukh (Con), (*Kolaba*), Balasaheb Hanmantrao Khardekar (Ind), (*Kolhapur cum Satara*), Krishnaji Laxman More (SC), (Con) (*Kolhapur cum Satara (R)*), Shantilal Girdharlal Parikh (Con), (*Mehsana East*), Tulsidas Kilachand (Ind) (*Mehsana West*) Govind Hari Deshpande (Con), (*Nasik Central*), Ganesh Sadashiv Altekar (Con)), (*North Satara*), Manekial Maganlal Gandhi (Con), (*Panchmahals cum Baroda East*) Rupaji Bhavji Parmer (SI), (Con), (*Panchmahals cum-Baroda East (R)*), Narhar Vishnu Gadgil (Con), (*Poona Central*), Shrimati Maydeo Indira Anant (Con), (*Poona South*), Jagannathrao Krishnarao Bhonsle (Con), (*Ratnagiri North*), Moreshwar Dinkar Joshi (Con), (*Ratnagiri South*) Gulzarilal Bulliram Nanda (Con), (*Sabarkantha*), Shankar Shantaram More (P & W P), (*Sholapur*), Pandurang Nathuji Rajbhoj (SC) (S C F), (*Sholapur (R)*), Vyankatrao Pirajirao Pawar (Con), (*South Satara*), Kanaiyalal Nanabhai Desai (Con), (*Surat*), Bahadurbhai Kuthabhai Patel (ST), (Con), (*Surat (R)*), Choithram Partairai Gidwani, (*Thana*), Yeshwantrao Martandrao Mukne, (ST) (Con), (*Thana (R)*), Shaligram Ramchandra Bhartiya (Con), (*West Khandesh*), Jayantrao Ganpatrao Natavadkar (ST), (Con.), (*West Khandesh (R)*)

MADHYA PRADESH—29

Dr Punjabrao Shamrao Deshmukh (Con), (*Amravati East*), Krushnarao Gulabrao Deshmukh (Con) (*Amravati West*), Chintamanrao Dhiwruji Gautam (Con) (*Balaghat*), Muchaki Kosat (ST), (Ind), (*Bastar (R)*), Bhikulal Lakhmichand Chandak (Con), (*Betul*), Asoka Mehta (P S P) (*Bhandara*), Bhaurao Borkar (Con) (*Bhandara (R)*), Sardar Amarsingh Saigal Baijnath Singh (Con), (*Bilaspur*), Reshamlal Jangde (SC), (Con), (*Bilaspur (R)*), Bhupendra Nath Mishra (Con), (*Bilaspur Durg Raipur*) Shrimati Minimata (SC), (Con), (*Bilaspur Durg Raipur (R)*), Gopalrao Bajirao Khedkar (Con) (*Buldana Akola*) Laxman Shrawan Bhatkar (SC), (Con), (*Buldana Akola (R)*) Abdullabhai Taherali Mulla (Con) (*Chanda*), Raichand Bhai Shah (Con), (*Chhindwara*) Vasudeorao Shridhar Rao Kirolikar (Con), (*Durg*), Bhagwati Charan Shukla (Con), (*Durg Bastar*), Syed Ahmed Syed Isak (Con), (*Hoshangabad*), Sushil Kumar Pateria (Con), (*Jabalpur North*), Maganlal Bagdi, (*Mahasamund*), Seth Govind Das (Con), (*Mandla Jabalpur*), M G Ulkey (ST), (Con) (*Mandla Jabalpur South (R)*) Shrimati Anusayabai Purshottam Kale (Con) (*Nagpur*), Babulal L Tiwari (Con) (*Nimar*) Khubchand Daryao Singh Sodhia (Con) (*Sagar*), Maharajkumar Chandikeshwar Sharan Singhji Deo (Ind) (*Surguja Raigarh*) Babunath Singh (ST), (Con), (*Surguja-Raigarh (R)*), Shilmannarayan Dharmunarayan Agarwal (Con) (*Wardha*), Sahadeo Arjun Bharati (Con), (*Yeotmal*)

MADRAS—46

M D Ramaswami (*Aruppukkottai*), A K Gopalan (C P I), (*Cannanore*), O V Alagesan (Con) (*Chingleput*), N M Lingam, (*Coimbatore*) Govindaswamy Kachirayar (T N T P) (*Cuddalore*), I Ilayaperumal (SC), (Con), (*Cuddalore (R)*), N Satyanathan (Ind), (*Dharmapuri*), Shrimati Ammu Swaminathan (Con) (*Dindigul*) Periaswami Gounder (Con) (*Erode*), Balakrishnan (SC) (Con), (*Erode (R)*), A Krishnaswami (Commonweal) (*Kanchee puram*) K A Damodara Menon (K M P) (*Ko-hikode*) C R Narasimham (Con), (*Krishna, giri*), C Ramaswamy Mudaliar (Con), (*Kumbakonam*), T T Krishnamachari (Con), (*Madras*), S Balsubramaniam (Con), (*Madurai*), P Kakkan (SC) (Con), (*Madurai (R)*), B Pocker (M M L), (*Malappuram*) K Anandan Nambiar (C P I) (*Mayuram*), V Veerasami (SC), (Ind), (*Mayuram (R)*), V Bhoovaragasami Padayachi (T N T P), (*Perambalur*), K Sakthivadivelu Goundar (Con), (*Periakulam*), Damodaran (Con) (*Pollachi*), K Kelappan (K M P) (*Ponnani*), I Lacharan (SC), (Con), (*Ponnani (R)*) K M Vallatharas (K M P) (*Paduk kottai*), V V R N A R Naggappa Chettiar (Con), (*Ramanathapuram*) S V Ramaswamy (Con), (*Salem*) M Sankarapandian (Con) (*Sankaranayinarkovil*), A V Thomas (Con), (*Srivaikuntam*), K Kamraj Nadar (Con), (*Srivilliputtur*) Srinivas Mallaya (Con), (*South Kanara (North)*) B Shiva Rao (Con), (*South Kanara (South)*), R Venkataraman (Con), (*Tanjore*), V Muniswami (T N T P), (*Tindivanam*), A Jayaraman (SC), (T N T P) (*Tindivanam (R)*), S K Baby alias Kandasami (Ind), (*Tiruchengode*), E Mathuram (Ind), (*Tiruchirapalli*), Thanu Pillai (Con), (*Tirunelveli*), T S Avinashilingam Chettiar (Con), (*Tiruppur*), P Natesan (Con), (*Tiruvallur*), Shrimati Maragatham Chandrasekhar (SC), (Con), (*Tiruvallur (R)*), P Damodaran Nettur (K M P) (*Tellicherry*), Ramachandar (Commonweal), (*Vellore*), Muthukrishnan (SC), (Con), (*Vellore (R)*), R Muniswami (Commonweal), (*Wandiwash*)

ORISSA—20

Bhagabat Sahu (Con), (*Balasore*), Kanhucharan Jena (SC), (Con), (*Balasore (R)*), Ghanshyamdas Thirani (Ind), (*Bargarh*), Harekrushna Mahtab (Con), (*Cuttack*);

* Now called Lok Sabha

† Has resigned according to newspaper reports

Sarangdhar Das (Soc.),(*Dhenkanal West Cuttack*), Niranjan Jena (SC), (Con.), (*Dhenkanal West Cuttack (R)*), Bijayachandra Das (C P I), (*Ganjam South*), Umacharan Patnaik (Ind.), (*Ghumsur*), Bhubananda Das (Con.), (*Jajpur Keonjhar*), Laxmidhar Jena (SC), (G P) (*Jajpur Keonjhar (R)*), Maharaja Rajendra Narayan Singh Deo (Ruler of Patna) (G P), (*Kalahandi Bolangir*), Giridhari Bhoi (ST), (G P), (*Kalahandi Bolangir (R)*), Nityananda Kanungo (Con.), (*Kendrapara*), Lingaraj Misra (Con.), (*Khurda*) Ram Chandra Majhi (ST), (Con.), (*Mayurbhanj*), Ponnada Subba Rao (G P), (*Nowrangpur*), Lokanath Misra (Con.), (*Puri*), I Sanganna (SI), (Con.), (*Rayagada Phulbani (R)*), Natabar Pandey (G P), (*Sambalpur*), Sibnarayan Singh (SI), (Con.), (*Sundargarh*)

PUNJAB—18

Tek Chand (Con.), (*Ambala Simla*), Giani Gurmukh Singh Musafir (Con.) (*Amritsar*), Vacant (*Fazilka Sirsa*) Sardar Lal Singh (Akali) (*Ferozepur Ludhiana*), Sardar Bahadur Singi (SC), (Akali), (*Fero epur Ludhiana (R)*), Saidar Teja Singh (Con.), (*Gurdaspur*) Pandit Thakur Das Bhargava (Con.) (*Gurgaon*) Lala Achint Ram (Con.) (*Hissar*), Dewan Chand Sharma, (Con.) (*Ho shiarpur*), Ram Dass (SC) (Con.), (*Hoshiarpur (R)*, Ghamandi Lal (Con.) (*Jhajjar Rewari*) Amar Nath Vidyalankar (Con.) (*Jullundur*) Hem Raj (Con.) (*Kangra*), Shrimati Subhadra Joshi (Con.), (*Karnal*), Virendra Kumar (SC) (Con.), (*Karnal (R)*), Sardar Baldev Singh (Con.) (*Nawanshahr*) Chaudhri Ranbir Singh (Con.), (*Rohtak*), Sardar Surjit Singh Majithia (Con.), (*Tarn Taran*)

UTTAR PRADESH—86

Raghubir Singh (Con.) (*Agra District East*) Chand Singhal (Con), (*Aligarh District*), Nirdeo Snatak (SC), (Con.) (*Aligarh District (R)*), Seth Achal Singh (Con) (*Agra District West*) Jawaharlal Nehru(Con.) (*Allahabad District East cum Jaunpur District West*), Masurya Din (SC) (Con.), (*Allahabad District East cum Jaunpur District West (R)*), Purushottam Das Tandon (Con.) (*Allahabad District West*) Devi Datt Pant (Con.), (*Almora District North East*), Algu Rai Shastri (Con.) (*Azamgarh District East cum Ballia District West*) Sita Ram (Con.) (*Azamgarh District West*), Vishwa Nath (SC) (Con.) (*Azamgarh District West (R)*) Rafi Ahmed Kidwai (Con.) (*Bahraich District East*) Sardar Jogendra Singh (Con.) (*Bahraich District West*), Murli Manohar (Ind.), (*Ballia District East*), Raghunath Singh (Con.), (*Banaras District Central*), Tribhuvan Narayan Singh (Con.), (*Banaras District East*), Shiv Dayal (Con.) (*Banda District cum Fatehpur District*), Piarey Lal Kureel *alias* Talib (SC), (Con.), (*Banda District cum Fatehpur District (R)*) Satish Chandra (Con.), (*Bareilly District South*), Ram Shanker Lal (Con.), (*Basti District Central East cum-Gorakhpur District West*), Sohan Lal Dhusia (SC) (Con.), (*Basti Distrut Central East cum Gorakhpur District West (R)*), Udai Shanker Dubey (Con.), (*Basti District North*), Nemi Saran (Con.), (*Bijnor District South*), Badan Singh (Con.) (*Budaun District West*), Raghubar Dayal (Con.), (*Bulandshahr District*), Kanhaiya Lal Balmiki (SC), (Con.), (*Bulandshahr District (R)*) Mahavir Tyagi (Con.), (*Dehra Dun District cum Bijnor District North West cum-Saharanpur District West*), Ramji (Soc.), (*Deoria District East*), Sarju Prasad Misra, (*Deoria District South*) Bishwa Nath (Con.) (*Deoria District West*); Roshan Lal Chaturvedi (Con.), (*Etah District Central*), Raghubir Sahai (Con.), (*Etah District North East-cum-Budaun District East*) Digambar Singh (Con.), (*Etah District West-cum Mainpuri District West-cum Mathura District East*), Lallanji (Con.), (*Faizabad District North West*), Panna Lal (SC), (Con.), (*Faizabad District North West (R)*), Mulchand Dube (Con.), (*Farrukhabad District North*), Bhakt Darshan (Con.), (*Garhwal District East-cum-Moradabad District North-East*), Maharani Kamlendumati Shah (Ind.), (*Garhwal District West-cum-Tehri Garhwal District-cum-Bijnor District North*), R N Singh, (*Ghazipur District East cum-Ballia District South-West*), Har Prasad (Con.), (*Ghazipur District West*), Kesho Deo Malavia (Con.), (*Gonda District East cum Basti District West*) Ch Hyder Husain (Con.) (*Gonda District North*) Shrimati Shakuntala Nayar (H M S), (*Gonda District (West*) Dashrath Pd Dwivedi (Con.), (*Gorakhpur District Central*) Hari Shanker Prasad* (Con.) (*Gorakhpur District North*) Singhasan Singh (Con.) (*Gorakhpur District South*), Manu Lal Dwivedi (Con.) (*Hamirpur District*) Bashir Husain Zaidi (Con.), (*Hardoi District North West-cum-Farrukhabad District East-cum-Shahjahanpur District South*), Bulaqi Ram (SC) (Con.), (*Hardoi District North West-cum Farrukhabad District East cum Shahjahanpur District South (R)*) Hoti Lal (Con.) (*Jalaun District cum Etawah District West cum Jhansi District North*) Lotan Ram (SC) (Con.) (*Jalaun District-cum Etawah District West-cum Jhansi District North (R)*), Birbal Singh (Con.) (*Jaunpur District East*) Ganpati Ram (SC) (Con.) (*Jaunpur District East (R)*) Raghunath Dhulekar (Con.) (*Jhansi District South*) S Tandon(Con.) (*Kanpur District Central*) Venkatesh Narain Tivary (Con.) (*Kanpur District North cum Farrukhabad District South*) Balkrishna Sharma (Con.) (*Kanpur District South cum Etawah District East*) Shrimati Vijayalakshmi Pandit (Con.) (*Lucknow District Central*) Mohan Lal Saxena (Con.) (*Lucknow District-cum Bara Banki District*), Shrimati Ganga Devi (SC), (Con.) (*Lucknow District cum Bara Banki District (R)*) Badshah Gupta (Con.) (*Mainpuri District East*) Krishna Chandra (Con.) (*Mathura District West*) Shah Nawaz Khan (Con.), (*Meerut District North East*) Krishna Chandra Sharma (Con.) (*Meerut District South*) Khushi Ram Sharma (Con.) (*Meerut District West*) J N Wilson (Con.), (*Mirzapur District cum-Banaras District West*) Rup Narain (SC) (Con.), (*Mirzapur District cum Banaras District West (R)*) Hifzur Rahman (Con.), (*Moradabad District Central*) Professor Ram Saran (Con.) (*Moradabad District West*) Hira Vallabh Tripathi (Con.), (*Muzaffarnagar District South*) C D Pande (Con.) (*Nainital District cum Almora District South West cum Bareilly District North*) Mukand Lal Agarwal (Con.) (*Pilibhit District-cum Bareilly District East*) Munishwar Dutt Upadhyaya (Con.),(*Pratapgarh District East*) Feroze Gandhi (Con.) (*Pratapgarh District West cum Rae Bareilly District East*) Baij Nath Kureel (SC) (Con.) (*Pratapgarh District West cum Rae Bareilly District East (R)*) Maulana Abul Kalam Azad (Con.) (*Rampur District cum Bareilly District West*) Seth Rameshwar Prasad Newatia (Con.), (*Shahjahanpur District North-cum Kheri East*) Ganeshi Lal Chowdhry (SC) (Con.) (*Shahjahanpur District North cum-Kheri East (R)*) Ajit Prasad Jain (Con.) (*Saharanpur District West cum Muzaffarnagar District North*) Sunder Lal (SC) (Con.), (*Saharanpur District West cum Muzaffarnagar District North (R)*) Shrimati Uma Nehru (Con.) (*Sitapur District cum-Kheri District West*) Paragi Lal (SC) (Con.) (*Sitapur District-cum Kheri District West (R)*) Syed M A Kazmi (Con.) (*Sultanpur District North cum Fai abad District South West*) Bal krishna Vishwanath Keskar (Con.) (*Sultanpur District South*), Vishambhar Dayal (Con.) (*Unnao District cum Rae Bareilly District West cum Hardoi District South East*) Swami Rama Nand (SC) (Con.) (*Unnao Distrut cum Rae Bareilly District West cum-Hardoi District South East (R)*)

WEST BENGAL—34

Jagannath Koley (Con.) (*Bankura*) Pashu pati Mandal (SC), (Con.), (*Bankura (R)*) Ramananda Das (Con.) (*Barrackpore*) Shrimati Renu Chakravarty (C P I), (*Basirhat*), Pattiram Roy (SC), (Con.), (*Basirhat (R)*) Tridib Chaudhuri (R S P), (*Berhampore*), Anil Kumar Chanda (Con.), (*Birbhum*) Kamal Krishna Das (SC), (Con.), (*Birbhum (R)*) Atulya Ghosh (Con.), (*Burdwan*), Dr Mono Mohon Das (SC) (Con.), (*Burdwan (R)*), Prof Hirendra Nath Mukherjee (C P I), (*Calcutta North East*), Dr Meghnath Saha (Ind.), (*Calcutta North West*), Sadhan Chandra Gupta (*Calcutta South East*), Ashim Krishna Dutt (Con.), (*Calcutta South West*), Basanta Kumar Das (Con.), (*Contai*), Kamal Basu (C P I), (*Diamond Harbour*) Purnendu Sekhar Naskar (SC), (Con.) (*Diamond Harbour (R)*) Nikunja Behari Chaudhry (C P I) (*Ghatal*), N C Chatterjee (H M) (*Hooghly*) Santosh Kumar Dutta (Con.), (*Howrah*) Abdus Sattar (Con.) (*Kalna Katwa*) Surendra Mohan Ghose (Con.) (*Malda*) Durga Charan Banerjee (*Midnapore Jhargram*) Bharat Lal Tudu (ST), (Con.) (*Midnapore Jhargram (R)*) Muhammed Khuda Buksh (Con.) (*Murshidabad*) Shrimati Ila Palchoudhuri (Con.), (*Nabadwip*) Amiya Kanta Basu (Con.) (*North Bengal*), Upendra Nath Barman (SC) (Con.) (*North Bengal (R)*) Birendra Nath Kuthum (ST) (Con.), (*North Bengal (R)*) Arun Chandra Guha (Con.) (*Santipur*) Iusir Chatterjee (*Serampore*) Satish Chandra Samanta (Con.), (*Tamluk*) Dr Satyaban Roy (Con.), (*Uluberia*), Susil Ranjan Chatterjee (*West Dinajpur*)

HYDERABAD—25

C Madhav Reddy (Soc.) (*Adilabad*) Hanman thrao Ganeshrao Vaishnav (Con.) (*Ambad*) Suresh chandra Shivprasad Arya (Con.) (*Aurangabad*), Ramchandra Govind Paranjpe (P D F) (*Bhir*) Shaukatulla Shah Ansari (Con.), (*Bidar*) Swami Ramanand Tirth (Con.) (*Gulbarga*) Ahmed Mohiuddin (Con.) (*Hyderabad City*) Sadat Ali Khan (Con.) (*Ibrahimpatnam*) Badam Yella Reddy (P D F) (*Karimnagar*) M R Krishna (SC) (S C F) (*Karimnagar (R)*) I B Vithal Rao (P D F) (*Khammam*) Shiva murthy Swamy (Ind.), (*Kushtagi*), Janardhana Reddy (Con.), (*Mahbubnagar*) P Ramaswami (SC) (Con.) (*Mahbubnagar (R)*) Jai Surya (P D F) (*Medak*) Ravi Narayan Reddi (P D F) (*Nalgonda*) Sunkam Atchalu (SC), (P D F) (*Nalgonda (R)*), Shanker Rao Shrimwas Rao (Con.) (*Nanded*) Dev Rao Namdeo Rao (SC) (Con.), (*Nanded (R)*) Harish Chandra Heda (Con.) (*Nizamabad*) Diwan Raghavendra Srinivas Rao (Con.) (*Osmanabad*) Narayan Rao Waghmare (P & W P), (*Parbhani*) Dr S A Ebenezer (Con.) (*Secunderabad*), Pendyal Raghava Rao (P D F) (*Warangal*) Krishna Charya Joshi (Con.) (*Yadgir*)

MADHYA BHARAT—11

Vishnu Ghanshyam Deshpande (H M S), (*Guna*) Dr Narayan Bhaskar Khare (H M S) (*Gwalior*) Nand Lal Suryanarayan (Con.), (*Indore*) Amarsingh (S F) (Con.), (*Jhabua (R)*) Dr Kailash Nath Katju (Con.) (*Mandsaur*) Radhacharan Sharma (Con.) (*Morena Bhind*) Sooraj Prasad *alias* Surya Prasad (SC) (Con.) (*Morena Bhind (R)*), Bajnath Mahodaya (Con.) (*Nimar*), Lilidhar Haribux Joshi (Con.), (*Shajapur Rajgarh*) Bhagu Nandu (SC) (Con.) (*Shajapur Rajgarh (R)*) Radhelalji Beharilalji Vyas (Con.), (*Ujjain*)

MYSORE—12

N Keshava Iyengar (Con.) (*Bangalore North*) P Madhu Gowda (Con.), (*Bangalore South*) Tekur Subrahmanyam (Con.) (*Bellary*) S Nijalingappa (Con.) (*Chitaldrug*) H Siddananjappa (Con.), (*Hassan Chikmagalur*) M V Krishnappa (Con.) (*Kolar*) Dodda Thimmiah (SC) (Con.) (*Kolar (R)*) M K Shivananjappa (Con.) (*Mandya*), M S Gurupadaswamy (K M P) (*Mysore*) N Rachiah (SC) (Con.) (*Mysore (R)*) K G Wodeyar (Con.) (*Shimoga*), C R Basappa (Con.), (*Tumkur*)

PEPSU—5

Sardar Hukam Singh (Akali), (*Kapurthala-Bhatinda*) Sardar Ajit Singh (SC), (Akali), (*Kapurthala Bhatinda (R)*), Hira Singh (Con.), (*Mohindergarh*) Ram Pratap Garg (Con.) (*Patiala*) Sardar Ranjit Singh (Ind.), (*Sangrur*)

RAJASTHAN—20

Shobha Ram (Con.), (*Alwar*), Bheeka Bhai (S F) (Con.), (*Banswara Dungarpur (R)*) Bhawani Singh (Ind.), (*Barmer Jalore*) Girraj Sharan Singh (Ind.), (*Bharatpur Sawai Madhopur*), Manak Chand (SC), (K L P) (*Bharatpur Sawai Madhopur (R)*) Hari Ram (R R P), (*Bhilwara*) Maharaja Shri Karni Singhji Bahadur (Ruler of Bikaner) (Ind.), (*Bikaner Churu*), Uma Shankar Trivedi (J S), (*Chittor*), Radhey Shyam Ram Kumar Morarka (Con.), (*Ganganagar Jhunjhunn*) Panna Lal

* Election declared void

(SC), (Con), (*Ganganagar Jhunjhunn (R)*), Daulat Mal (Con), (*Jaipur*), Raj Bahadur, (Con), (*Jaipur Sawai Madhopur*) Jaswantraj Mehta, (*Jodhpur*) Chandra Sen (R R P), (*Kotah Bundi*), Nemi Chand Kasliwal (Con), (*Kotah Jhalawar*), G D Somani (Ind), (*Nagaur Pali*), Nand Lal (R R P), (*Sikar*), Ajit Singh (Ind) (*Sirohi Pali*), Maniklal Lal Varma (*Tonk*), Balwant Singh Mehta (Con), (*Udaipur*)

SAURASHTRA—6

Balwantrai Gopalji Mehta (Con) (*Gohilwad*) Chimanlal Chakubhai Shah (Con) (*Gohilwad Sorath*) Khandubhai Kasanji Desai, (*Halar*), Jethalal Harikrishna Joshi (Con), (*Madhya Saurashtra*) Narendra Nathwani (Con) (*Sorath*) Dr Jayantilal N Parekh (*Zalawad*)

TRAVANCORE-COCHIN—12

P T Punnose (Ind), (*Alleppey*) V Parameswaran Nair (Ind), (*Chirayinkil*) K T Achuthan (Con) (*Cranganur*), A M Thomas (Con) (*Ernakulam*) C P Mathew (Con) (*Kottayam*) G I Kottupilly (*Meenachil*) A Nesamony (I N C) (*Nagercoil*), Srikantan Nair (R S P) (*Quilon Mavelikara*) R Velayudhan (SC), (Ind) (*Quilon Mavelikara (R)*) C P Mathen (Ind), (*Thiruvella*), C R Iyyunni (Con), (*Trichur*) Shrimati Annie Mascarene (Ind) (*Trivandrum*)

AJMER—2

Iwala Prasad (Con) (*Ajmer North*), Mukat Behari Lal (Con) (*Ajmer South*)

BHOPAL—2

Pandit Chatur Narain Malviya (Con), (*Raisen*), Saeed Ullah Khan Razmi (P S P), (*Sehore*)

BILASPUR—1

Raja Anand Chand, Ruler of Bilaspur (Ind) (*Bilaspur*)

COORG—1

N Somanna (Con) (*Coorg*)

DELHI—4

Shrimati Sucheta Kripalani (K M P) (*New Delhi*) Radha Raman (Con), (*Delhi City*) C Krishnan Nair (Con), (*Outer Delhi*), Naval Prabhakar (SC), (Con), (*Outer Delhi (R)*)

HIMACHAL PRADESH - 3

A R Sewal (Ind), (*Chamba Sirmur*) Shrimati Amrit Kaur (Con), (*Mandi Mahasu*) Gopi Ram (Con), (*Mandi Mahasu (R)*)

VINDHYA PRADESH—6

Ram Sahai (Con), (*Chhatarpur Datia Tikamgarh*), Motilal Malvi (SC), (Con), (*Chhatarpur Datia Tikamgarh (R)*) Rajbhanu Singh (Con), (*Rewa*) S D Upadhyaya (Con), (*Satna*) Bhagwan Dutt Shastri† (P S P) (*Shahdol Sidhi*) Randaman Singh (ST) (K M P P) (*Shahdol Sidhi (R)*)

KUTCH—2

Gulabshanker Dholakia (Con) (*Kutch East*) Bhawanji Vijan Khimji (Con) (*Kutch West*)

MANIPUR—2

Tairam Jogeswar Singh (Con) (*Inner Manipur*), Rishang (ST) (Soc), (*Outer Manipur (R)*)

TRIPURA—2

Birendra Chandra Dutt (C P I), (*Tripura West*) Dasaratha Deb (C P I), (*Tripura East*)

NOMINATED

BISHOP JOHN RICHARDSON (*to fill the seat allotted to the Andaman and Nicobar Islands*)

FRANK ANTHONY, A E T BARROW (*Anglo-Indians*)

NOMINATED (KASHMIR)

MAULANA MOHAMMAD SAYEED MASOODI

MAJOR JAGHMANSINGH CHARAK

SUFI MOHAMMAD AKBAR

PANDIT SHEONARAYAN FOTEDAR

CHAUDHARI MOHAMMAD SHAFI

KHAN GHULAM QADIR

Abbreviations Con Congress, Soc Socialist, Ind Independent, C P I Communist Party of India, K M P Kisan Mazdoor Praja Party, J S Jan Sangh, P D F Peoples Democratic Front, S C F Scheduled Caste Federation O P Other Parties, R R P Ram Rajya Parishad H M S Hindu Mahasabha, F B M Forward Bloc (Marxist) R S P Revolutionary Socialist Party, J S S Lok Sewak Sangh C N S P J P Chota Nagpur Santhal Parganas Janata Party, P & W P Peasants and Workers Party, T I N C Travancore Tamil Nad Congress, I N T P Tamil Nad Toilers Party, M M L Madras Muslim League

HOUSE OF THE PEOPLE* COMMITTEES

Public Accounts Committee‡—B Das Shree Narayan Das Tribhuvan Narayan Singh Acharya Shriman Narayan Agarwal Uma Charan Patnaik V P Nayar Ramananda Das, Balwant Sinha Mehta Smt Ammu Swaminathan Khandubhai Kasanji Desai Amarnath Vidyalankar, S V Ramaswamy Chottam P Gidwani, Dr Indubhai B Amin U M Trivedi Mrs Violet Alva Diwan Chaman Lall, K S Hegde, P S Rajagopal Naidu Ram Prasad Tamta Mohammed Vidhulla and J V K Vallabhrao

Estimates Committee—B G Mehta Nityanand Kanungo Mohanlal Saksena U Barman, Pandit Balkrishna Sharma Radhelal Vyas Dr Lanka Sundaram V B Gandhi Dr Syed Mahmud, Prof C P Mathew, P N Rajbhoj Ahmed Mohiuddin, Kamal Kumar Basu, Mrs B Khongmen, Kotha Raghuramaiah Hari Vinayak Patskar I Madiah Gowda, Diwan Chand Sharma, Nallareddi Naidu Miss Anne Mascarene, Dr Ram Subhag Singh, M D Ramaswami, M R Krishna, Dr Natabar Pandey and K Kelappan

Library Committee—M Ananthasayanam Ayyangar (*Chairman*), Shrimati Sucheta Kripalani M L Dwivedi, Uma Charan Patnaik, M D Joshi Hirendra Nath Mukerjee V N Tivary Hiday Nath Kunzru Prof R D Sinha Dinkar Dr Shrimati Seeta Parmanand

Business Advisory Committee—G V Mavalankar (*Chairman*) M Ananthasayanam Ayyangar Satya Narayan Sinha, Harekrishna Mahtab Nirahar Vishnu Gadgil Dev Kanta Borooah Hari Vinayak Patskar, P T Chacko, Col B H Zaidi, Shrimati Ammu Swaminadhan P T Punnoose, Sarangadhar Das, Hukam Singh Chandikeshwar Sharan Singh Ju Deo, Dr Lanka Sundaram

Committee on Petitions—Pandit Thakur Das Bhargava (*Chairman*) Shrimati Renu Chakravartty, Asim Krishna Dutt, Prof C P Mathew, P N Rajabhoj

Committee of Privileges—Dr Kailas Nath Katju (*Chairman*), Satya Narayan Sinha, A K Gopalan Shrimati Sucheta Kripalani Saranga dhar Das B Shiva Rao R Venkataraman Dr Syed Mahmud, Radhelal Vyas

Rules Committee—G V Mavalankar (*Chairman*), M Ananthasayanam Ayyangar, Pandit Thakur Das Bhargava, Satya Narayan Sinha Chaudhri Hyder Hussain, O V Alagesan Pt Algu Rai Shastri, A K Basu, Shivram Rango Rane Dr N M Jaisoorya, K Kelappan, N C Chatterjee, H H Maharaja Rajendra Narayan Singh Deo, Jaipal Singh, K Subrahmanayam

House Committee—U Srinivasa Mallaya (*Chairman*) Tribhuan Narayan Singh, Upendranath Barman, Awadheshwar Prasad Sinha, Shrimati Ammu Swaminadhan, Col B N Zaidi, Tulsidas Kilachand, Hirendra Nath Mukerjee K A Damodara Menon, Sarangadhar Das Gurmukh Singh Musafir, Tekur Subrahmanyam

ANDHRA LEGISLATIVE ASSEMBLY

Speaker N Venkataramayya *Dy Speaker* P Suryachandrarao *Secy to the Legislature*, G V Choudary *Dy Secy*, M Surya Rao

Adikesavulu Naidu K (Con), (*Chandragiri*), Anjaneyulu, G (C P I), (*Bandar*), Appala Naidu K (K L P), (*Srikakulam General*), Appalaswami Bojja (SC) (S C F), (*Amalapuram Reserved*), Appa Rao Bahadur, Raja Meka Rangayya (Con), (*Nuzvid*), Atchannaidu I C (Ind), (*Cheepurupalli General*), Audinarayana Reddi V (P S P), (*Rayachoti*), Balanarayana Reddi K (Con) (*Proddatur*), Bapaiah Chowdary M (Ind), (*Bellamkonda*), Bapanna Dora K (ST) (P S P), (*Bhadrachalam Reserved*), Bapanayya, G (SC) (C P I), (*Duvvada Reserved*), Bapu Naidu P (K L P) (*Yellamanchili*) Basivi Reddi D (P S P) (*Penugonda*), Chandra Ramalingaiah (C P I) (*Divi General*), Chenchurama Naidu K (Con), (*Kandukur General*), Chidanandam, V (Ind), (*Badvel*), Chinnamma Reddi, P (Ind) (*Chittoor General*), Chudamani Deo, V C (Con) (*Parvatipuram*), Dasarathramaiah Naidu, D (Con), (*Rapur*) Doraikannu, M (SC) (Con) (*Tiruttani Reserved*), Gajapathi Raju, P V R (P S P), (*Vizianagaram General*), Gangayya Naidu, B (K L P), (*Madugole*), Gopalakrishna Reddi, P (Con), (*Gudur*), Gopalakrishnaiah, Vavilala (Ind), (*Sattenapalli*), Govinda Rao, K (C P I), (*Anakapalle*), Gunnayya, P (SC) (Con), (*Cheepurupalli Reserved*), Hanumantha Rao M (C P I) (*Repalle*) Indrayya Ch (P S P), (*Tanuku*), Joseph, G (C P I), (*Amartalur*) Kasireddy, S (C P I) (*Darsi*), Kondayya, G C (Ind), (*Atmakur*), Kotaiah, P (P S P), (*Chirala*), Kotireddi, K (Con), (*Cuddapah*), Kotamma Reddi Srimathi Thamma (Con), (*Prattipadu*), Krishnam Raja Bahadur Raju, V V (Con), (*Tuni*), Krishnamurthy Rao, B* (Con), (*Punganur*) Krishna Rao K (Ind), (*Nellore General*) Krishna Rao, Y V (P S P), (*Bhadrachalam General*), Kune Rao M (C P I), (*Chintalapudi*), Lakshmana Das L (Con) (*Pathapatnam General*), Lakshminarayana Reddi, T (Ind), (*Penukonda*), Lakshmana swami, M (C P I), (*Kankipadu*), Lakshmayya, D (C P I), (*Mangalagiri*), Lakshmi Narasimham Dora, R (Ind), (*Tekkali*), Lakshminarasa Raju, B (C P I), (*Narasapur General*), Latchanna, G (K L P), (*Sompeta*), Malakondayya, K (SC), (C P I), (*Ongole Reserved*), Mallayya, T (SC), (Con), (*Adoni Reserved*), Murthy Raju, Ch S R V P (Con) (*Tadepalligudem*), Nagabhushanam, G (Con), (*Rayadrug*), Nageshwara Rao, G (SC), (C P I), (*Razole General*), Nagi Reddi, T (C P I), (*Anantapur*), Narasimha Rao, N V L (P S P), (*Guntur*), Narasimha Reddi, P (C P I), (*Rajampet-General*), Narayana, Kavali (SC), (K L P), (*Srikakulam Reserved*), Narayanappa, S (Con) (*Kalyandrug General*), Narayana Raju, D (Con), (*Undi*), Narayanasamy, M (C P I), (*Ongole General*), Neeladriraо Reddi, Asi (K L P), (*Ichapuram*), Padmanabha Raju, K V S (P S P), (*Alamanda*), Pattabhi Ramaiah, K (*Ramachandrapuram*), Pattabhiramarao, S B P (Con), (*Pamarru*), Pentannaidu, M (ST), (Ind), (*Pathapatnam Reserved*), Potha Raju, T (C P I), (*Vijayavada*), Prabakara Choudary, C (C P I), (*Rajahmundry*), Prakasam, T (*Srungavarapukota*), Pulla Reddi, C (C P I), (*Nandikotkur*), Pundarikakshacharyulu, P (K L P), (*Hindupuram*), Rajagopala Rao, K (C P I), (*Gudivada General*), Rajeswara Rao, M (SC), (P S P), (*Kovur Reserved*), Ramabhadra Raju, N

* Now called Lok Sabha † Election declared void ‡ Of both Houses.

(P S P), (*Amalapuram General*), Ramabrahmam, D (Con), (*Palmaner*), Ramachandra Rao, P S (C P I), (*Kovur General*), Ramakrishna Reddi, B (P S P), (*Kavali*), Ramalinga Reddi, H (Ind) (*Adoni General*), Ramamurthy K (K L P), (*Golugonda General*), Rama Rao, G (SC), (C P I), (*Gudivada Reserved*), Rama Rao, N V (K L P), (*Burugupudy*), Rama Rao, P (C P I), (*Tiruvur*), Rama Rao, V (C P I), (*Kanchikacherla*), Ramasamy, Thota (Con), (*Peddapuram*), Ramesam, K V (K L P), (*Chodavaram*), Rama Reddi A * (Con), (*Duggirala*), Ramaiah, k (P S P), (*Jammalamadugu*), Ramiah Chowdury, K (P S P), (*Udayagiri*), Ranga Rao K (C P I), (*Chilakaluripet*), Ranga Reddi, P (Con) (*Cumbum*), Rao, C V K (C P I), (*Kakinada General*), Sangannaidu, P (Con), (*Palakonda*), Sanjeeva Reddi, N (Con) (*Kalahasti*), Sanjivayya, D (SC), (Con), (*Kurnool Reserved*), Sankara Reddi, N (Con), (*Kurnool General*), Sankarayya, B (C P I), (*Kovur*), Santhappa, K (SC), (Con), (*Kalyandrug Reserved*), Satyanarayana, G (C P I), (*Eluru*), Satyanarayana Dora, H (Con), (*Narasannapeta*), Satyanarayana Reddi P (Con), (*Anaparti*), Seetha ramiah, D (C P I), (*Madanapalle*), Shanmugam K (SC), (Con) (*Kandukur Reserved*), Siddanna Gowd, R (Ind), (*Madagasira*), Sivarami Reddi, N (C P I), (*Kamalapuram*), Sivasankara Reddi, G (Con), (*Hindupur*), Sri Krishna, V (C P I), (*Bapatla*), Srinivasulu, K (P S P), (*Dharmavaram*), Srungaram (SC), (K L P) (*Chittoor Reserved*) Subba Raju, B (P S P), (*Bhimavaram*), Subba Reddi, K (C P I), (*Palnad*), Subba Reddi, M (Ind), (*Nandyal*) Subbarayudu, G (P S P) (*Tadpatri*), Sudarsana Varma, R B V (*Karvetnagar*) Suryachandrarao, P (P S P) (*Alampuram*), Suryanarayana, G (SC), (P S P), (*Vizianagaram Reserved*), Suryanarayana, K (Ind), (*Bheemunipatnam*), Suryanarayana Raju, Raja Sagi, (Ind), (*Payakaraopeta*), Syamasundara Rao P (SC) (C P I), (*Narasapur Reserved*), Thimma Reddi, P (K I P), (*Pileru*), Varadachari, K (Con), (*Tiruttani General*), Vecrabhadram, M (C P I), (*Paravada*), Veeranna Padal K (ST) (K L P), (*Golugonda Reserved*), Vema Reddi, K V (Con), (*Kadiri*), Vemiah, S (SC) (Ind), (*Nellore Reserved*), Venkiah, K (C P I) (*Ponnur*), Venkatajagga Rao, R (C P I), (*Pithapuram*), Venkata Kurmi Naidu, K (P S P) (*Bobbili*), Venkataramaraju, A (C P I), (*Razole General*), Venkatramiah, N (P S P) (*Narasaraopet*) Venkata Setty, K (Ind), (*Dhone*), Venkatasiviah P (C P I), (*Vinukonda*) Venkatasubba Reddi M (P S P) (*Koilkuntla*); Venkatasubba Reddi, T N (Con) (*Ghattu*); Venkatasubbayya P (SC), (Con), (*Rajampet Reserved*) Venkatasubramaniam A (Con), (*Kaikalur*), Venkatayya N (K L P), (*Markapur*) Venkateswarlu, P (C P I), (*Jaggayyapet*) Venkatnarayana Dora, K (K L P) (*Saluru*), Venkatramiah A (Con), (*Tenali*), Venkata Rao, Saka (C P I), (*Kakinada Reserved*), Venkataswami Reddi, P (Con), (*Venkatagiri*), Viswanatham T (P S P), (*Visakhapatnam*), Yellamanda Reddi, G (C P I), (*Kanigiri*)

Note —Con Congress C P I Communist Party of India, K L P Krishikar Lok Party, Ind Independents P S P Praja Socialist Party, S C F Scheduled Castes Federation

ASSAM ASSEMBLY GENERAL ELECTIONS

Population (excluding tribal areas) 9,043,707 (1951 final)
Electorate 4,025,601 No of Seats 108 (5 for SC, 9 for ST, 17 for ST, in autonomous Districts)
No of Constituencies 94 (80 SM, 14 DM)

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
			For Seats													
		Set up	Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	92	92	5	11	2	—	2	74	5	9	76	5	11	1,064 852	2
2	Socialist	62	62	2	4	—	—	—	4	—	—	4	—	—	332,086	21
3	K M P P	40	40	2	2	—	—	—	1	—	—	1	—	—	146,792	30
4	Jan Sangh	3	3	—	—	—	—	—	—	—	—	—	—	—	7 191	3
5	C P I	18	18	2	—	—	—	—	1	—	—	1	—	—	69 131	12
6	Forward Bloc (R)	3	4	—	—	—	—	—	—	—	—	—	—	—	4,963	3
7	Hindu Mahasabha	1	1	—	—	—	—	—	—	—	—	—	—	—	214	1
8	Bolshevik Party	2	2	—	—	—	—	—	—	—	—	—	—	—	4,674	2
9	Revolutionary Socialist	1	1	—	—	—	—	—	—	—	—	—	—	—	506	1
10	Independents	213	91	4	15	—	—	—	14	—	4	14	—	4	693 906	157
11	Mizo Union	3	3	—	3	—	—	—	3	—	3	3	—	3	29,104	—
12	Khasi Jaintia Durbar	4	4	—	3	—	—	—	1	—	1	1	—	1	24,248	—
13	Tribal Sangh	2	2	—	1	—	—	—	—	—	—	—	—	—	15 846	1
14	All Peoples Party	3	3	—	—	—	—	—	1	—	—	1	—		14 930	1
15	Garo National Council	4	4	—	4	1	—	1	2	—	2	3	—	3	14,577	—
16	Khasi Jaintia National Federated States Conference	1	1	—	1	—	—	—	1	—	1	1	—	1	9,441	—
17	United Mizo Freedom Organization	3	3	—	3	—	—	—	—	—	—	—	—	—	9,070	1
18	Khasi Jaintia Rural Organization	1	1	—	1	—	—	—	—	—	—	—	—	—	4,719	—
19	Tribal League	1	1	—	—	—	—	—	—	—	—	—	—	—	2,350	1
	Total	457	—	—	—	3	—	3	102	5	20	105	5	23	2,448,890	236

Note —Elections for 3 reserved seats for Scheduled Tribes in the Naga Hills had not been held at the time of the General Elections

ASSAM LEGISLATIVE ASSEMBLY

Speaker Kuladhar Chaliha *Dy Speaker* Rajendra Nath Barua *Secretary* R N Barua

Pu Lalbuaia (ST), (Con), (*Aizal East (R)*), Pu Chaprawnga (ST), (Con), (*Aizal-West (R)*), Robin Kakoti (Con), (*Amguri*), Maulana Abdul Jalil (Con), (*Badarpur*), Harison Momin (ST), (Con), (*Baghmara (R)*), Raichand Nath (Con), (*Barkhola*), Mahendra Mohan Choudhury (Con), (*Barpeta-North East*), Mahadeb Das (SC), (Con), (*Barpeta North East (R)*), Tajuddin Ahmed (P S P), (*Barpeta-West*), Sarveswar Boruwa (Con), (*Bihpuria*), Swami Krishnananda Brahmachari (Con), (*Bijni*), Md Umaruddin (Ind), (*Bilasipara*), Radha Charan Chaudhury (P S P), (*Boko*), Manik Chandra Das (Con), (*Bordubi*), Maham Singh (ST), (K J D), (*Cherra (R)*), Aaran Sangma (ST), (Con), (*Dainadubi (R)*), Debeswar Rajkhowa (Con), (*Dergaon*), Omeo Kumar Das (Con), (*Dhekiajuli-North*), Mohi Kanta Das (Con), (*Dhekiajuli-South*), Tamizuddin Prodhani (Ind), (*Dhubri*), Ramesh Chandra Barooah (Con), (*Dibrugarh-East*), Moulvi Faiznur Ali (Con), (*Dibrugarh-West*), Dalbir Singh Lohar (Con), (*Digboi*), Jadab Chandra Khakhlari (ST), (Con), (*Digboi (R)*), Harihar Chowdhury (Con), (*Doom Dooma*), Gaurisankar Bhattacharyya (C P I), (*Gauhati*), Khagendra Nath (Con), (*Goalpara*), Hakim Chandra Rabha (ST), (Con), (*Goalpara (R)*), Gohan Chandra Goswami (Con), (*Gohpur*), Rajendra Nath Barua (Con) (*Golaghat East*), Chanoo Kheria (Con), (*Golaghat West*), Mal Chandra Pegu (ST), (Con), (*Golaghat West (R)*), Santosh Kumar Barua (Con) (*Golakganj*), Jatindra Narayan Das (Con), (*Gossaigaon*), Abdul Matlib Mazumdar (Con), (*Haflakandi*), Hem Chandra Chakravarty (Con), (*Haflakandi-Silchar*), Bishnu Ram Medhi (Con), (*Hajo*), Jogakanta Barua (Con), (*Jaipur*), Shri Bimala Kanta Barua (Con), (*Jamunamukh*), Nilmani Phookan (Con), (*Jorhat North*), Ram Nath Das (SC), (Con), (*Jorhat North (R)*), Kuladhar Chaliha (Con), (*Jorhat South*), U Kistobin Rymbai (ST), (Con), (*Jowai (R)*), Dandi Ram Dutta (P S P), (*Kalaigaon*), Shri Lila Kanta Barah (Con), (*Kaliabor*), Mohendra Nath Deka (Con), (*Kamalpur*), Ranendra Mohan Das (P S P), (*Karimganj*), Namwar Ali Barbhuiya (Con), (*Katigora*), Gouri Sankar Roy (Con), (*Katlicherra*), Raja Ajit Narayan Deb of Sidli (Ind), (*Kokrajhar Sidli*), Rupnath Brahma (ST), (Con), (*Kokrajhar Sidli (R)*), Nurul Islam (Con), (*Laharighat*), Ram Prosad Chaubey (Con), (*Lakhimpur*), Raghunandan Dhubi (SC), (Con), (*Lakhimpur (R)*), Pu R. Dengthuama (ST) (Con), (*Lungleh (R)*),

* Died on March 25, 1954

Purandar Sarma (Con), (*Mangaldai*), Kobad Hussain Ahmed (Con) (*Mankachar*) Matiram Bara (Con), (*Barigaon Dhing*), Bahram Das (ST), (Con), (*Marigaon Dhing (R)*), Khorsing Terang (ST), (Con), (*Mikir Hills East (R)*), Nihang Rongfer (ST), (Con) (*Mikir Hills West (R)*), Ghana Kanta Gogoi (A P P) (*Moran*), (Vacant), (*Naga Hills Central Naga Hills North and Naga Hills South*), Prabhat Chandra Goswami (Con), (*Nalbari North*), Prafulla Goswami (Con), (*Nalbari South*) Ananda Chandra Bezbaruа (Con), (*Nazira*), Phanuram Gogoi (Con), (*Nazira Sonari*), A Alley (ST), (Con) (*Nongpoh (R)*) Ajra Singh Khongphar (ST) (Ind) (*Nongstoin (R)*), Joybhadra Hagjer (ST), (Con), (*North Cachar Hills (R)*), Hem Chandra Hazarika (Con), (*North Lakhimpur*), Karka Chandra Doley (ST), (Con), (*North-Lakhimpur (R)*), Hareswar Das (Con), (*North Salmara*), Pratap Chandra Sarma (Con), (*Nowgong Kah*), Mahendra Hazarika (SC), (Con) (*Nowgon Kah (R)*), Hareswar Goswami (P S P), (*Palasbari*), Sashadhar Ghose (Con), (*Panery*) Davidson Bhobora (ST), (Con) (*Panery*) (*R*) Narnaravan Goswami (Con), *Patach arkuchi Barama*), Baikuntha Nath Das (ST) (Con) (*Patacharkuchi Barama (R)*) Moulvi Mahmud Ali (Con), (*Patharkandi Karimganj*), Phonsing Sangma (ST) (Con), (*Phulbari (R)*), Radhika Ram Das (Con), (*Pub Bangsar Silas undari Ghopa*), Siddhi Nath Sarma (Con), (*Rangiya*) Dharmadhar Basumatari (ST), (Con), *Rangiya (R)*), Bandyanath Mookerjee (Con), (*Ratarbari Patharkandi*) Ramesh Chandra Das Choudhury (SC) (Con) (*Ratarbari Patharkandi (R)*), Mahammad Idris (Con), (*Rupahihat*), Shrimati Usha Barthakur (Con), (*Samaguri*) J J M Nichols Roy (Con), (*Shillong*), Girindra Nath Gogoi (Con) (*Sibsagar*), Mehrab Ali Laskar (Ind), (*Silchar*), Moinul Haque Choudhury (Con), (*Silchar Sonai*), Nanda Kishore Sinha (Con), (*Sonai*), Purnananda Chetia (Con), (*Sonari*), Bijoy Chandra Bhagabati (Con), (*Sootea*) Akshoy Kumar Das (Con), (*Sorbhog*) Md Sahadatali Mandal (Ind), (*South Salmara*) Moulvi Md Pahar Khan (Ind), (*Tarabari*), Harinarayan Baruah (Con), (*Teok*), Biswadev Sarma (Con) (*Tezpur North*), Kamala Prasad Agarwalla (Con), (*Tezpur South*), Indreswar Khound (Con), (*Tinsukia North*) Jadunath Bhuyan (Con) (*Tinsukia South*) Sarju Prosad Singh (A P P), (*Tuliabar*), Emerson Momin (ST), (Con), (*Tura (R)*)

Abbreviations Con Congress, Ind Independent C P I Communist Party of India, P S P Praja Socialist Party, G N C Garo National Council, K J D Khasi Jaintia Durbar A P P All Peoples Party

BIHAR LEGISLATIVE COUNCIL

(An estimate of the party strengths is as follows Congress 55 Independents 7 Teachers 6 Janta 2, P S P 2 Jharkhand 1 Forward Bloc 1)
Chairman Shyama Prasad Sinha *Dy Chairman* Rai Brajraj Krishna

Assembly Constituency

Abu Hayat Chand, Amin Ahmad Basanta Chandra Ghose*, Ramanand Chaudhury* Gauri Shankar Dalmia*, Shrimati Rampyari Devi* Habibul Haque Barar Hembrom*, Jaideva Narayan, Jutu Lal, Shrimati Nayama Khatoon Haider, Nurullah, Radha Govind Prasad* Shah Muhammad Ozair Muneni Indra Narayan Singh, Kusheshwar Sinha Raghubans Prasad Singh* Ram Shekhar Prasad Singh Shree Krishna Singh Kamta Prasad Sinha (Kam), Shyama Prasad Sinha Gita Prasad Singh, Brajendra Narain Yadav, Sitaram Yadav*

Patna Local Authorities

Deva Sharan Sinha Mahanth Mahadevanand Giri, Kumar Jha* Sheonath Prasad, Vishnu Shankar* Mathura Prasad Singh

Patna Teachers

Dharam Raj Kishore *

Patna Graduates

Krishna Bahadur* Singheshwari Prasad*

Tirhut Local Authorities

Brajendra Bahadur Kumar Kalyan Jal Baidyanath Mishra* Braj Bihari Prasad, Ram Bahadur Roy*, Shri Niwas Narain Sinha

Tirhut Teachers

Mathura Prasad Dubey

Tirhut Graduates

Sawalia Bihari Lal Verma Lakshmi Nath Jha

Bhagalpur Local Authorities

Beer Narain Chand* Jageshwar Mandal Sagar Mohan Pathak*, Jamuna Prasad Singh, Mayanand Thakur, Qudratullah

Bhagalpur Teachers

Bindeshwari Prasad Misra, Hargauri Tiwari

Bhagalpur Graduates

Rameshwar Misra

Chota-Nagpur Teachers

Mahendra Prasad* Sasanka Sekhar Ghosh

Chota-Nagpur Graduates

Anil Kumar Sen

Chota-Nagpur Local Authorities

R Narsingh Rao Ram Prakash Lal Ajit Prasad Singh Deo, Kantu Kumar Lal*, Subodh Kumar Sen, Sambhunath Roy*

Nominated

Mohan Lal Mahto Viyogi Jagannath Prasad Mishra Dr Indib Nath Banarji, Lady Anise Imam, Narayanji, Brajnandan Prasad* Lateh Narain Singh* Rameshwar Prasad Singh* Rai Brijraj Krishna Harendra Bahadur Chandra* Ramcharan Sinha Jaideva Prasad

* Were due to retire as from May 6 1954 The following all sitting members had been re-elected at the time of going to press Krishna Bahadur Singheshwari Prasad, Mahendra Prasad Beer Narain Chand Sagar Mohan Pathak

BIHAR ASSEMBLY GENERAL ELECTIONS

Population 40,225,947 (1951 final) Electorate 18 080,181 Constituencies 276 (222 SM 54 DM) Seats 330 (44 SC 35 ST)

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		1 or Seats														
		Set up	Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	321	322	42	28	1	—	—	239	36	7	243	36	7	3,957,991	5
2	Socialist	265	265	35	7	—	—		23	3	—	23	3	—	1,727,707	107
3	Kisan Mazdoor Praja Party	97	97	4	—	—	—	—	1	—	—	1	—		263,766	78
4	Jan Sangh	49	49	3	1	—	—	—	—	—	—	—		—	118,346	46
5	Communist Party of India	24	24	2	3	—	—	—	—	—	—			—	108,671	16
6	Scheduled Castes Federation	2	2	2	—	—	—	—	—	—	—	—	—	—	4,971	2
9	Hindu Mahasabha	5	5	—	—	—	—	—	—	—	—	—	—	—	12 870	5
7	Ram Rajya Parishad	28	28	1	—	—	—	—	1	—	—	1	—	—	62,546	27
8	Forward Bloc (M)	34	34	4	—	—	—	—	1	—	—	1	—	—	107,386	31
10	Forward Bloc (R)	1	1	—	—	—	—	—	—	—	—	—	—	—	513	1
11	Revolutionary Socialist Party	6	6	—	—	—	—	—	—	—	—	—	—	—	8 773	6
12	Bolshevik Party	1	1	—	—	—	—	—	—	—	—	—	—	—	605	1
13	Other Parties*	132	136	16	41	—	—	—	51	4	28	48	4	28	1,344,749	45
14	Independents	618	255	30	20	—	—	—	13	1	—	13	1	—	1,825,545	506
	Total	1,583	—	—	—	1	—	—	329	44	35	330	44	35	9,544,439	876

* Santal Parganas Janata Party set up 43 candidates, won 11 seats, polled 332,085 votes, forfeited 22 deposits Jharkhand Party set up 53 candidates won 32 seats, polled 766,332 votes, forfeited 5 deposits Kisan Sabha set up 21 candidates, did not win any seats, polled 81,518 votes, forfeited 15 deposits Lok Sewak Sangh set up 12 candidates, won 7 seats, polled 148,923 votes, forfeited one deposit Adibasi Mahasabha set up 2 candidates, did not win any seats, polled 1,654 votes, forfeited 2 deposits Ganatantra Parishad set up one candidate, won one seat, polled 14,287 votes, did not forfeit any deposit

There were 14 women elected, including one Scheduled Caste candidate, and 24 Muslims elected on the Congress ticket and one Independent one, Dr Syed Mahmud, was returned to Parliament Two Ministers out of nine were defeated and

BIHAR LEGISLATIVE ASSEMBLY

Speaker . Nindeshwari Prasad Varma *Dy Speaker* Jagat Narayan Lal

Ramsunder Tiwary (Con), (*Adapur*) , Janak Lal Yadav (P S P), (*Alamnagar*) , Mohammad Tahir (Con), (*Amour*) , Hazi Ziaur Rahman (Ind), (*Araria*) , Ambika Singh (*Arrah Moffusil*) , Rangbahadur Prasad (Con), (*Arrah Town*), Gudani Singh (P S P), (*Arwal*), Tajuddin (Con), (*Asthawan*), Rameshwar Prasad Yadav (Ind), (*Atri*), Priyabrat Narain Sinha (Con), (*Aurangabad*), Shrimati Parbati Devi (Con), (*Azamnagar*) , Mithan Chowdhary (Con) (*Bachhwara*) Kedar Pandey (Con), (*Bagaha cum Ramnagar*) , Jagannath Prasad (SC) (Con), (*Bagaha cum Ramnagar (R)*) , Sirish Chandra Banerjee (L S S), (*Baghmunda*) , Tapeshwar Deo (Con), (*Bagodar*) , Mohammad Ehsan MLA (Con), (*Bahadurganj*) , Jai Narain Jha Vineet (Con), (*Bahera North*) , Narendra Nath Das (Con), (*Bahera North East*) , Shrimati Krishna Devi (Con), (*Bahera South*) , Shivbachan Trivedy (Con) (*Barkunthpur*) Abul Ahad Mohammad Noor (Con), (*Barsi*) , Shivbrat Narayan Singh (Con), (*Bakhri*) , Shrimati Sundari Devi (Con), (*Bakhtiarpur*) , Jiya Lall Mandal (Con), (*Bakhtiarpur cum Chautham*) Mishri Mushar (SC) (Con), (*Bakhtiarpur cum Chautham (R)*) , Raja Kali Prasad Singh (J P), (*Balapur*) Brahmdeo Narayan Singh (Con) (*Balia*) Vishwanath Prasad Mishra (Con), (*Banapur*) Raghvendra Narain Singh (Con) (*Banka*) Bhim Chandra Mahta (L S S), (*Barabazar cum Chandil*) Atul Chandra Singh Bhuiya (ST) (L S S), (*barabazar cum Chandil (R)*) , Ram Bilas Sinha (R R P) (*Barahra*) , Mian Abdul Gafoor (Con), (*Baraudi*) Krishnamohan Pearey Singh (Con), (*Barbigha*) , Lallan Prasad Singh (Con) (*Barhampur*) , Sagbirul Haque (Con), (*Barharia*) , Rana Sheo Lakhpati Sinha (Con) (*Barh*) , Rameshwar Prasad Mahtha (J I) (*Barhi*) Ramnaram Choudhary (P S P) (*Barsarpur*) , Ramakshya Narayan Singh (J P), (*Barkagaon*) Ramchandra Prasad Sahi (Con) (*Bararaj*) , Harikishore Prasad (Con) (*Basantpur East*) , Krishnakant Singh (Con) (*Basantpur West*) Tunas Suren (ST), (Jharkhand) (*Basia (R)*) Md Ilyas (Con) (*Begusarai North*) , Surjoo Prasad Singh (Con) (*Begusarai South*) Shital Prasad Bhagat (Con) (*Belhar cum Kalonia*) , Phoo Manjhi (ST) (Con) (*Belhar cum Kalonia (R)*) , Subodh Narayan Yadav (Ind), (*Benipatti East*) , Md Shafi (Con), (*Benipatti West*) , Herman Tirkra (ST) (Jharkhand) (*Bero (R)*) , Smt Ketaki Devi (Con), (*Bettiah*) , Ram Nagina Singh (Con), (*Bhabha cum-Mohanna*) Dularchand Ram (SC) (Con), (*Bhabha cum Mohanna (R)*) Syed Maqbool Ahmad (Con), (*Bhagalpur Moffusil*) , Satyendra Narain Agrawal (Con), (*Bhagalpur Town*) , Gulwardhari Singh (Con) (*Bihar North*) , Syed Mohammad Aquil (Con) (*Bihar South*) , Shrimati Manorma Devi (Con) (*Bihta*) Hemraj Yadav (Con), (*Bikramganj*), Deochandra Misra (Con) , (*Biraul*) , Jageshwar Prasad Khalish (Con), (*Bodh Gaya cum Paraiya*) , Rameshwar Manjhi (SC) (Con), (*Bodh Gaya cum Paraiya (R)*) , Lakshmikant Tiwary (Con) (*Buxar*) Deochran Manjhi (ST), (J P), (*Chainpur (Ranchi Distt) (R)*) , Guptanath Singh (Con), (*Chainpur (Shahabad Distt)*) Sukhdeo Manjhi (ST), (Jharkhand), (*Chakradharpur (R)*) , Dhanraj Sharma (Con), (*Chandi*) , Murli Manohar Prasad (Con), (*Chapra Town*) , Prabhunath Singh (Con), (*Chapra Moffusil cum-Garkha*) Jaglal Chawdhary (SC) (Con), (*Chapra Moffusil cum Garkha (R)*) , Sukhal Singh (Con), (*Chatra*) , Nand Kishore Singh (J P), (*Chauparan*) , Ramjanam Mahto (Con), (*Colgong*) , Sahdeo Mahto (Con), (*Dalsingsarai East*) , Devakl Nandan Jha (Con), (*Dalsingsarai West*), Amiya Kumar Ghosh (Con), (*Daltongang*) , Lakshmi Narayan Sudhanshu (Con), (*Damdaha cum Korha*) , Bhola Paswan (SC), (Con), (*Damdaha cum-Korha (R)*) , Ramayan Shukla (Con), (*Daraulı*) , Sayeedul Haque (Con), (*Darbhanga*) , Hridaya Narayan Chaudhary (Con), (*Darbhanga North*) , Radhakant Choudhary (Con), (*Darbhanga South*) , Babulal Mahto (SC), (Con), (*Darbanga South (R)*) , Ram Naresh Singh (P S P) (*Daudnagar*) , Basawan Singh (P S P), (*Dehri*) Bhubneshwar Pandey (F B (M)), (*Deoghar*) Maulvi Mashood (Con), (*Dhaka*) Sudama Misar (Con), (*Dhanaha*) , Purushottam Chowhan (Con), (*Dhanbad*) , Pumt Rai (Con) (*Dhanuar*) Ramesh Jha (P S P), (*Dharhara*) , Pashupati Singh (Con), (*Dhurwa cum Amarpur*) Bholanath Dass (SC), (Con), (*Dhurwa cum-Amarpur (R)*) , Rambinduod Singh (Con), (*Dighwara*) , Jagat Narayan Lal (Con) (*Dinapur*) , Ramanand Upadhya (Con) (*Dinara*) Debi Soren (ST), (Jharkhand) (*Dumka (R)*) Harihar Prasad Singh (Con) (*Dumraon*) , Lal Singh Tyagi (Con) (*Ekangar Sarai*) , Lakshmi Narain Singh (Con), (*Ekma*) Shiva Mahadeo Prasad (P S P), (*Fatwah*), Bokai Mandal (Con), (*Forbesganj*) , Kesho Prasad (Con) (*Gaya Town*) Mukund Ram Tanty (Jharkhand) (*Ghatsila cum Baharagora*) Ghaniram Shanthal (ST) (Jharkhand), (*Ghatsila cum Baharagora (R)*) , Ram Ajodhya Prasad (P S P) (*Goraulian*) Ram chandra Yadav (Ind) (*Ghosi*) Krishna Ballabh Sahay (Con), (*Garidih cum Dumri*) Lachuman Manjhi (ST) (Con) (*Gandak cum Dumri (R)*) , Budhinath Jha (Con) (*Godda*) Babulal Tudu (ST) (Jharkhand) (*Godda Damin (R)*) Ghanshyam Singh (Con) (*Gogri*) Mudrika Singh (P S P) (*Goh*), Abdul Quyum Ansari (Con), (*Gomia*) Kamla Rai (Con) (*Gopalganj*), Sheodhari Pandey (Con) (*Gorakhpur*) Sukra Oraon (ST) (Jharkhand), (*Gumla (R)*) Sarjug Prasad (Con) (*Hajipur*) Shrimati Janak Kishori Devi (Con), (*Harlakhi*) Hanibansh Sahai (Con) (*Harsidhi*) Rajkishore Singh (Con) (*Hussainabad cum Garhwa*) Deochand Ram Past (SC) (Con) (*Hussainabad cum Garhwa (R)*) , Shiva Saran Prasad Sharma (Con), (*Islampore cum Sdao*) , Mahabir Prasad (SC) (Con) (*Islampore cum Sdao (R)*) Chaudhary Md Maque (Con) (*Islampur*) Raja Ram Arya (Con) (*Harhi*) , Shrimati Sumitra Devi (Con) (*Jagdishpur*) , Sheobhajan Singh (P S P) (*Jahanabad*) Mahabal Kumar (Con) (*Jainagar*) Abdul Sami Nadvi (Con), (*Jale*) Ankura Ho (ST), (Jharkhand) (*Jamda (R)*) Jogendra Mahto (Con) (*Jamalpur Town*) Shivchandrika Prasad (Con) (*Jamshedpur*) Satrughna Besra (ST) (Jharkhand) (*Jamtara (R)*) Sadanand Prasad (Con), (*Jamua cum Gawan*) Kishun Ram Das (SC), (Con), (*Jamua cum Gawan (R)*) Chandrashekhar Singh (Con) (*Jhajha*) Debendra Nath Mahato (Con) (*Jhalda*) Kapileshwar Shastri (Con) (*Jhanjharpur*) Hripada Singh (Jharkhand) (*Jugsalai cum Potka*) Kailash Prasad (SC) (Jharkhand) (*Jugsalai cum Potka (R)*) Jibatsa Sharma Himanshu (Con), (*Kadwa*) Jumuna Tripathi (Con) (*Kanti*), Maulvi Mohmiddin Mukhtar (Con), (*Karandighi*) Ananda Prasad Chakravorty (Ind), (*Kashipur cum Raghunathpur*) , Budhan Manjhi (ST) (Con) (*Kashipur cum Raghunathpur (R)*) Nand Kishore Narayan (Con) (*Katea cum Bhore*) , Chandrika Ram (SC) (Con), (*Katea cum Bhore (R)*) Sukdeb Narayan Singh (Con) (*Katihar cum Barari*) , Babulal Manjhi (ST) (Con) (*Katihar cum Barari (R)*) Mathura Prasad Singh (Con) (*Katra North*) Nitishwar Prasad Sinha (Con) (*Katra South*) Shrimati Manorama Sinha (Con), (*Katras*) , Shrimati Pravawati Gupta* (Con) (*Kesaria*) Dwaraka Prasad (Con) (*Khagaria*) Ahmed Shakoor (Con) (*Khajauli*) Dr Shri Krishna Sinha (Con) (*Kharagpur*) , Ujendralal Ho (ST) (Jharkhand) (*Kharsawan (R)*) Lucas Munda (ST), (Jharkhand) (*Khunti (R)*) Rautmal Agarwala (Con) (*Kishanganj Bhagalpur Dist*) Kamleshwari Prasad Yadav (Con) (*Kishanganj (Purnea Dist*) Awadh Bihari Dikshit (Con) (*Koderma*), S K Bage (ST) (Jharkhand), (*Kolebira (R)*) Sidlu Hembrom (ST) (Jharkhand) (*Kolhan (R)*) Sheo Kumar Pathak (Con) (*Kuchakot*) , Kapil Deo Narain Singh (Con), (*Kurhani*) , Ram Charan Singh (P S P) (*Kurtha*) Durga Mandal (Con) (*Lachmipur cum-Jamui*), Guru Chamar (SC) (Con) (*Lachmipur cum Jamui (R)*) Deo Narain Jadab (Con), (*Ladania*) , Lalliteshwar Prasad Sahi (Con) (*Lalganj*) , Chandramani Lall Chudhary (SC), (Con), (*Lalganj (R)*) , Girja Nandan Singh (Con), (*Latehar cum Manatu*) Bhagirath Singh (ST), (Con), (*Latehar cum Manatu (R)*) , Yogeshwar Ghosh (Con), (*Laukaha*) , Bhubneshwar Chaube (Con), (*Lesliegani cum Chhatarpur*) , Jitu Ram (SC) (Con), (*Lesliegani cum Chhatarpur (R)*) , Ignas Kujur (ST), (Jharkhand), (*Lohardaga (R)*) Janki Nandan Singh (Con), (*Madhapur*) Brij Behari Sharma (Con) (*Madhuban*) Hamath Mishra (Con) (*Madhubani*) , Ram Krishna Mahto (SC) (Ind) (*Madhubani (R)*) Janki Prasad Singh (Con) (*Madhapur cum Sarath*) Gokhul Mahta (SC), (Jharkhand) (*Madhapur cum Sarath (R)*) Pt Binodanand Jha (Con) (*Mahagama*) Mahanaya Prasad Sinha (P S P) (*Maharajganj*) Jitu Kisku (ST), (Jharkhand) (*Mahishpur (R)*) , Ramrup Prasad Rai (Con), (*Mahmuddinnagar*) , Dip Narain Singh (Con) (*Mahnar*) Birchandra Patel (Con) (*Mahua*) Phudeni Prasad (SC) (P S P) (*Mahua (R)*) Gadadhar Prasad (Con) (*Maurua*), Shrimati Ramdulari Sinha (Con) (*Mayorganj*) , Rameshwar Yadav (Ind), (*Makhdumpur*) Satya Kinkar Mahata (L S S), (*Manbazar cum Patamda*), Nitai Singh Sardar (ST), (L S S), (*Manbazar cum Patamda (R)*) Shoma Bhagat (ST), (Con), (*Mandar (R)*), Rameshwar Prasad Shastri (Con), (*Maner*) Surendranath Birua (ST), (Jharkhand) (*Manjari (R)*), Girish Tewary (Con), (*Manjhi*) Shubhnath Deogam (ST), (Jharkhand), (*Manoharpur (R)*) Jamuna Prasad Singh (P S P) (*Marhaura*), Madan Besra (ST), (Jharkhand), (*Masalia (R)*) Baijnath Singh (Con) (*Mashrakh North*), Sukhdeo Narain Singh Mahtha (Con) (*Mashrakh South*) Janak Singh (Con) (*Minapur*), Janardan Sinha (Con), (*Mirganj*) Jagdish Narayan Singh (Con) (*Mokamah*) Nirapada Mukherjee (Con) (*Monghyr Town*) Ganesh Prasad Shah (Con) (*Motihari cum Pipra*), Jamuna Ram (SC) (Con) (*Motihari cum Pipra (R)*) Shivanandan Prasad Mandal (Con) (*Murliganj*) Mahesh Prasad Sinha (Con) (*Muzaffarpur cum Sakra*), Shivanandan Ram (SC), (Con), (*Muzaffarpur cum Sakra (R)*) Vindheshwari Prasad Verma (Con) (*Muzaffarpur Town*) Anugrah Narayan Sinha (Con), (*Nabinagar*) , Shrimati Rajeshwari Saroj Das (Con), (*Nagar Untari*) Krishna Gopal Das (Ind) (*Narainpur*), Ramnaresh Mandal (Con), (*Narpatganj cum Dharhara*) Dumarlal Baitha (SC), (Con), (*Narpatganj cum Dharhara (R)*) Raghunandan Prasad Kumar (Con), (*Nawadih cum Bihpur*) Shrimati Parbati Devi (Con) (*Naulan*) Ramkishun Singh (Con), (*Nawada cum Hasua*), Shakti Kumar (SC), (Con) (*Nawada cum Hasua (R)*) Kamta Prasad Gupta (Con) (*Nirmali*) Raghunath Prasad (Con) (*Nokha*), Padarath Singh (P S P) (*Obra*) Shrimati Jyotirmayee Devi (Con) (*Pakaur*) Ramcharan Kisku (ST) (Jharkhand) (*Pakaur Damin (R)*) Dr Manzoor Ahmed (Con) (*Pakribarwan cum Barsaligan*), Chotu Ram (SC) (Con) (*Pakribarwan cum Barsaligan) (R)*), Punyanand Jha (Con), (*Palasi*) Ramlakhan Singh Yadav (Con) (*Paligan*) Shankari Prasad Deo (Ind) (*Para cum Chas*), Sarat Mochi (SC) (Con) (*Para cum Chas (R)*) Jagdish Narayan Mandal (Con), (*Paraiyahat cum Jarmundi*) Chumka Hembrom (ST) (Jharkhand) (*Paraiyahat cum Jarmundi (R)*) Tribeni Kumar (P S P), (*Parbatta*) Daroga Prasad Ray (Con) (*Parsa*) Nawal Kishore Singh (Con), (*Para North*), Harihar Saran Dutta (Con) (*Para South*) Gadadhar Sinha (Con), (*Patahi*), Nathuni Lal Mahto (P S P) (*Patepur*) Nawabzada Syed Md Mehdi (Con), (*Patna City East*) Acharya Badri Nath Varma (Con), (*Patna City West cum Naubatpur*) , Mungeri Lal (SC) (Con), (*Patna City West cum Naubatpur (R)*) Bindeshwari Duby (Con) (*Petarbar*) , Kashi Nath Mishra (Con) (*Phulparas*) Sia Ram Singh (Con) (*Pirpainti*) Khublal Mahto (Con) (*Pratapganaj*) Ramkhelawan Sinha (Con) (*Punpun cum-Masaurhi*) Shrimati Saraswati Choudhry (SC), (Con) (*Punpun cum Masaurhi (R)*) Doctor Habib (Con) (*Pupri North*) Mahanth Shyamnarayan Das (Con) (*Pupri South*), Kamaldeo Narayan Sinha (Con), (*Purnea*), Samarendra Nath Ojha (L S S), (*Purulia cum-Hura*) , Dinu

* Election declared void

Charmakar (SC) (L S S), (*Purulia-cum Hura (R)*), S M Latifur Rahman (Con), (*Rafiganj*), Haribansh Narain Singh (Con), (*Raghopur*), Ramanand Yadav (Con), (*Raghunathpur*), Radha Krishna Prasad Sinha, (Con), (*Rajauli cum Wazirganj*), Mahabir Choudhary (SC), (Con), (*Rajauli-cum Wazirganj (R)*), Md Burahanuddin Khan (Con), (*Rajmahal*), Jetha Kisku (ST), (Jharkhand), (*Rajmahal Damin (R)*), Basant Narain Singh (J P), (*Ramgarh cum Hazaribagh*), Bigan Ram (SC), (J P), (*Ramgarh cum Hazaribagh (R)*), Supai Murmu (ST), (Jharkhand), (*Ramgarh (R)*) (*Santal Purganas Dist*), Ram Chandra Rai (Con), (*Ramgarh (Shahabad Dist*), Paul Dayal (Jharkhand), (*Ranchi*), Ram Ratan Ram (SC), (Con), (*Ranchi (R)*) Radha Pandey (Con), (*Rasaul*), Mahabir Rout (Con), (*Rosera*), Baleshwar Ram (SC), (Con) (*Rosera (R)*), Vivekanand Giri (Ind), (*Runisaidpur*), Mohit Lal Pandit (P S P) (*Rupouli*), Deonaryan Singh (Con), (*Sahar*), Brijnandan Prasad Singh (Con), (*Sahibganj*), Ramanand Tiwari (P S P) (*Sahpur*), Yadunandan Sahay (Con), (*Samastipur*), Suneri Mahto (SC), (Con), (*Samastipur (R)*), Jagannath Singh (Con), (*Sasaram cum Rohtas*), Govind Chamar (SC), (Con), (*Sasaram-cum-Rohtas (R)*), Upendra Narayan Singh (Con), (*Sawar Bazar-cum Sonbarsa*), Jogeshwar Hazra (SC), (Con), (*Sawar Bazar-cum Sonbarsa (R)*), Mihir Kabi (Ind) (*Seraikella*), Shah Mushtaque Saheb (Con), (*Sheikhpura cum Sikandra*), Raghunandan Prasad (SC), (Con), (*Sheikhpura-cum-Sikandra (R)*), Thakur Girijanand Singh (Con), (*Sheohar Belsand*), Chulhai Dusadh (SC), (Con), (*Sheohar Belsand (R)*), Jaglal Mahto (Con), (*Sheryhati cum Imamganj*), Deodhari Chamar (SC), (Con), (*Sherghati cum Imamganj (R)*), William Hembrom (ST), (Jharkhand) (*Shikaripara (R)*), Bishwanath Singh (Con), (*Shikarpur-cum Lauria*), Raghuni Baitha (SC), (Con), (*Shikarpur cum Lauria (R)*), Faizul Rahman (Con), (*Sikta*), Bholanath Bhagat (Con), (*Silli*), Alfred Uraon (ST), (Jharkhand), (*Simdega (R)*), Gajendra Narain Singh (Con), (*Singhra*), Balia Bhagat (ST), (Jharkhand), (*Sisai (R)*), Damodar Jha (P S P), (*Sitamarhi*), Ramsevak Saran (Ind), (*Sitamarhi South*), Kuldip Narayan Yadav (Con), (*Sitamarhi West*), Shankar Nath (Con), (*Siwan*), Ram Basawan Ram (SC) (Con), (*Siwan (R)*), Jagannath Mahto (Jharkhand), (*Sonahatu*) Tildhari Mahto (Ind), (*Sonbersa Frontier*), Jagdish Sharma (Con), (*Sonepur*) Jainarayan Prasad (Con), (*Sugauli*), Rash Bihari Lal (Con), (*Sultanganj*), Sri Lahton Choudhary (Con), (*Supaul*), Rajeswari Prasad Singh (Con), (*Surajgarha cum-Lakhisarai*), Bhagwat Prasad (SC), (Con), (*Surajgarha cum Lakhisarai (R)*), Ramcharitra Rai Yadav (Ind), (*Survand*), Kapoori Thakur (P S P), (*Tajpur*), Niyaran Munda (Jharkhand), (*Tamar*), Basukinath Rai (Con), (*Tarapur*), Radha Mohan Rai (P S P), (*Tarari-cum Piro*), Debi Dayal Ram (SC), (P S P), (*Tarari-cum-Piro (R)*), Ramcharitra Singh (Con), (*Teghra*), Mithileshwar Prasad Singh (Con), (*Tekari*), Anath Kant Basu (Con), (*Thakurganj*), Purnendu Narain Singh (J P), (*Topchanchi*), Bindeswari Prasad Mandal (Con), (*Tribeniganj-cum-Madhipura*), Bholi Sardar (SC), (Con), (*Tribeniganj cum Madhipura (R)*), Ram Narain Sharma (Con), (*Tundi cum Nirsa*), Tika Ram Manjhi (ST), (Con), (*Tundi cum-Nirsa (R)*), Basishth Narain Singh (P S P), (*Warisnagar*), Dhanpati Paswan (SC), (P S P), (*Warisnagar (R)*)

Abbreviations Con —Congress, Ind —Independent, P S P —Praja Socialist Party, J P —Janata Party, L S S —Lok Sevak Sangh, F B (M) —Forward Bloc (Marxist) R R P —Ram Rajya Parishad, S T —Scheduled Tribe, S C —Scheduled Caste

BOMBAY LEGISLATIVE COUNCIL

(An estimate of party strength is as follows Congress 58, Independents 8, P S P 3, Peasants and Workers 2 Hindu Mahasabha 1)

Chairman R S Hukerikar *Dy Chairman* V G Limaye

Agrawal, Kashinath Mannalal (*Elected by Assembly*), Ambekar, G D* (*Nominated*), Barfivala, Chunilal Damodar* (*Bombay City, Local Authorities*), Belawadi, Gavishiddappa Shiddappa (*Elected by Assembly*), Bonadikar, Sadashiv Laxman (*Elected by Assembly*), Bhat, Atmaram Raoji (*Elected by Assembly*), Bhatt, Premshanker Keshavram* (*Surat, Local Authorities*), Bhatt, Santprasad Ranchhodlal (*Elected by Assembly*), Bhave, Ramchandra Narayan (*North Satara, Local Authorities*), Chinai, Pannalal Manekla! (*Elected by Assembly*), Colaco, Dr Joseph Altino (*Elected by Assembly*), Daboo, Dinshawji Ratanji (*Elected by Assembly*), Dahanukar, Shantaram Mahadeo (*Elected by Assembly*), Dalal, Bejonji Aderji* (*Bombay City Local Authorities*), Desai, Shrimati Lilavati Harilal (*Elected by Assembly*), Desai, Maganbhai P *(*Nominated*), Deshpande, Shrimati Ramabai Narayan* (*Elected by Assembly*), Devji Rattensey, (*Bombay City, Local Authorities*), Donde, Moreshwar Vasudeo* (*Bombay City, Teachers*), Dongre, V S, BA, Bar-at Law (*Nominated*), Edke, Shankarrao Chhannappa (*Bijapur, Local Authorities*), Gadgil Pandurang Vasudeo* (*Elected by Assembly*), Gal wankar, Sadanand Keshav (*Kolaba cum Thana, Local Authorities*), Ghodke, F D (*Nominated*), Godbole, Madhav Hari (*Southern Division, Graduates*), Gulam Haider Walimahamed, (*Elected by Assembly*), Hamied, Dr K A, B Sc, MA, Ph D (Berlin), AI, FRCS (London) (*Nominated*), Hukerikar, Ramrao Shriniwasrao* (*Elected by Assembly*), Kamat, Padmanabh Subraya (*Elected by Assembly*), Kattimani, Huchaya Fakiraya (*Dharwar, Local Authorities*), Khair, Dr Gajanan Shripat (*Central Division, Teachers*), Khedgikar, Ramchandra Annaji* (*Bombay City, Local Authorities*), Kulkarni, Bidesh Tukaram (*Bombay City, Graduates*), Kulkarni, Shrimati Sushila Jayadeo (*Nominated*), Kumthekar, Jagannath Balwant (*Poona City, Teachers*), Lagu, Dr Balkrishna Chintaman, (*Nominated*), Lala, Arjunlal Bhogilal (*Elected by Assembly*), Lala, Bhogilal Dhirajlal (*Ahmedabad, Local Authorities*), Limaye, V G * (*Nominated*), Lingras, Shankar Vithal (*Kolhapur cum-South Satara, Local Authorities*), Mahaldar, Gous Mohiuddin Bandagisaheb* (*Elected by Assembly*), Mandlik, Ramchandra Narayan* (*Poona City, Graduates*), Mehta, Chandrakant Chhotalal (*Northern Division, Graduates*), Munshi, Ramrai Mohanrai (*Elected by Assembly*), Nalavade, Ramchandra Manohar* (*Elected by Assembly*), Page, Vithal Sakharam* (*Elected by Assembly*), Pandit, Keshav Gopal (*Southern Division, Teachers*), Patel, Chumbhai Muljibhai (*Kaira, Local Authorities*), Patel, Desaibhai Nathabhai (*Northern Division, Teachers*), Patel, Maganbhai Bhikhabhai (*Elected by Assembly*), Patel, Shrimati Maniben Chandubhai* (*Baroda-cum-Amreli, Local Authorities*), Patel, Shamaldas Khemdas (*Mehsana-cum Banaskantha, Local Authorities*), Patil, Sonusing Dhansing* (*Central Division, Graduates*), Patil, Supdu Bhadu* (*East Khandesh, Local Authorities*), Patwari, Prabhudas Balubhai* (*Ahmedabad District, Local Authorities*), Pawar, Narhar Ganpat* (*Poona, Local Authorities*), Rathi, Shrivallabh Hanmantram* (*Poona City, Local Authorities*), Rawandale, Chudaman Ananda (*Ahmednagar-cum-West Khandesh, Local Authorities*), Rawat, Bachubhai Popatbhai* (*Nominated*), Sathe, Ganpatrao Dhondiba (*Sholapur, Local Authorities*), Shah, Chimanlal Kuberdas * (*Elected by Assembly*), Shaha, Devchand Chaganlal (*Belgaum, Local Authorities*), Shukla, Damubhai Chhaganbhai (*Ahmedabad City, Graduates*), Shukla, Shrimati Jyotsnaben Bahusukhram (*Elected by Assembly*), Sipahimalani, Kumari Jethi T (*Nominated*), Sodhi, D S (*Nominated*), Tawade, Jagannath Ramkrishna (*Ratnagiri cum-Kanara, Local Authorities*), Thakore, Thakorlal Shripatrai * (*Ahmedabad City, Teachers*), Theta, Gopal Ramji (*Nasik City, Local Authorities*), Upadhayay, Ramshankar Jeshankar (*Nominated*), Vin, Motilal Hargovandas (*Broach-cum-Panch Mahals, Local Authorities*), Yardi, Vaman Gangadhar (*Elected by Assembly*)

NEW MEMBERS

The following members were elected to take the place of those retiring in April 1954

Assembly Chavan, D R, Deshpande, Ramabai N, Gadgil, P V, Hukerikar, R S, Mahaldar, G M B, Page, V S, Shah, C K

Graduates, Patil, S D (Central Division), Patil, U L (Central Division), Sathye, V D (Poona City)

Local Authorities Agarwal, D B (Poona), Barfivala, C D (Bombay City), Bhirud, D S (East Khandesh), Dalal, B A (Bombay City), Deshmukh, V B (Poona City), Khedgikar, R A (Bombay City), Patel, Maniben C (Baroda-cum-Amreli), Patwari, P B (Ahmedabad District)

Nominated Ambekar, G D, Desai, M P, Limaye, V G, Rawat, B P

Teachers Donde, M V (Bombay City), Thakore, T S (Ahmedabad City)

* Due to retire in April, 1954.

BOMBAY ASSEMBLY GENERAL ELECTIONS

Population 35,956,150 (1951 final) Electorate 15,676,631 Constituencies 268 (222 SM, 45 DM, 1 TM) Seats 315 (SC 27, ST 29)

	Parties	Candidates for Seats				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		Set up	Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	313	313	26	29	4	1	3	265	23	25	269	24	28	5,556,280	—
2	Socialist	181	181	4	19	—	—	—	9	—	—	9	—	—	1,324,947	68
3	Kisan Mazdoor Praja Party	53	53	2	3	—	—	—	—	—	—	—	—	—	441,412	19
4	Jan Sangh	2	2	—	—	—	—	—	—	—	—	—	—	—	4,876	2
5	Communist Party of India	15	15	—	—	—	—	—	—	—	—	—	—	—	67,036	14
6	Scheduled Castes Federation	37	37	23	2	—	—	—	1	1	—	1	1	—	344,718	12
7	Hindu Mahasabha	9	9	—	1	—	—	—	—	—	—	—	—	—	35,194	6
8	Forward Bloc (Marxist)	8	—	—	—	—	—	—	—	—	—	—	—	—	16,847	8
9	Ram Rajya Parishad	37	37	1	1	—	—	—	—	—	—	—	—	—	124,466	30
10	Kisan Kamgar Paksha	39	39	3	4	—	—	—	3	—	—	3	—	—	303 913	15
11	Khedut Sangh Lok Paksh	28	28	1	4	—	—	—	1	1	—	1	1	—	210,484	9
12	Peasants' and Workers Party	87	87	2	6	—	—	—	14	—	1	14	—	1	705,858	31
13	Joint Front of Communist Party of India, left Socialist group and Kisan Kamgar Paksha	9	9	—	—	—	—	—	—	—	—	—	—	—	63,026	8
14	Independents	425	211	7	9	—	—	—	18	1	—	18	1	—	1 924,331	326
	Total	1,243	—	—	—	4	1	3	311	26	26	315	27	29	11,122,388	543

The Congress won 85 6 per cent of the seats on a poll of less than 50 per cent of the total votes cast Of the 269 successful Congress candidates 161 won by an absolute majority The successful Congress candidates included the Ruler of Phaltan and the Rani of Akalkot

The Socialist contested 181 seats, and won 9, polling 11 7 per cent of the total votes cast Two of the successful Socialist candidates won by an absolute majority

The Workers' and Peasants Party contested 87 and won 14 seats The Party s poll was 6 7 per cent and six of its 14 successful candidates won by an absolute majority

The Kisan Kamgar Paksh—a splinter group of the Workers' and Peasants' Party—contested 39 seats and won three on a poll of 2 2 per cent

One of the Party s candidates won by an absolute majority

The Khedut Sangh Lok Paksh contested 28 seats out of which it won only one with a poll of 3 4 per cent

The Scheduled Castes Federation contested 37, including 12 General seats, and won only one Its total poll was 4 6 per cent The successful Federation candidate won by an absolute majority

The Communists and Joint Front secured none of the 24 seats they contested and polled less than 2 per cent of the total votes cast

The Independents numbered 425, out of whom only 18 including a Ruler, were successful The Independents polled 15 7 per cent of the total votes cast

The Kisan Mazdoor Praja Party, the Ram Rajya Parishad the Hindu Mahasabha, the Jan Sangh and the Forward Bloc had in all 109 candidates, all of whom were defeated The poll of all these Parties together was 4 9 per cent

Of the 56 Reserved seats—29 for Scheduled Tribes and 27 for Scheduled Castes—4 went, one each, to the Scheduled Castes Federation, the Workers' and Peasants Party, the Lok Paksh and an Independent The remaining seats were secured by the Congress

There were in all 1,243 candidates—an average of four per seat—and 543 of them, i e, about 40 per cent lost their security deposits

BOMBAY LEGISLATIVE ASSEMBLY

An estimate of party strength now is as follows

Congress 206, Peasants and Workers' 13, P S P 9, Kisan Kamgar 2, Communists 2, Bharat Krishkar Lok Paksha 1, Scheduled Castes Federation 1, Independents 20

Speaker D K Kunte *Dy Speaker* S R Kanthi

Mohammed Taher Habib (Con) (*Agripada-Madanpura-Foras Road Chunna Bhatti*), Bhavanishankar Bapuji Mehta (Con), (*Ahmedabad City*), Vrajlal Keshavlal Mehta (Con) (*Ahmedabad City No* 1), Jaykrushna Harivallabhdas Patel (Con), (*Ahmedabad City No* 2), Shrimati Indumati Chimanlal (Con), (*Ahmedabad City No* 3), Mahmad Sharif Alarakhji Chipa (Con), (*Ahmedabad City No* 4), Shamprasad Rupshankar Vasavada (Con), (*Ahmedabad City No* 5), Morarji Desai (Con), (*Ahmedabad City Nos* 6 7), Keshavji Ranachhodji Veghela (SC), (Con), (*Ahmedabad City Nos* 6 7 (*R*)), Madanmohan Mangaldas (Con), (*Ahmedabad City No* 8), Vithal Ganpat Kute (Con), (*Ahmednagar*), Bhaskar Tukaram Auti (Comm), (*Ahmednagar Taluka Parner*), Madiwalappa Bandappa Kadadi (Con), (*Akalkot-South Sholapur*), Ganpat Laxman Sonavane (SC), (Con), (*Akalkot South Sholapur (R)*), Datta Appaji Deshmukh (K K P) (*Akola Sangamner*), Gopala Shrawana Bhangare (ST), (Con), (*Akola-Sangamner (R)*), Dattatraya Kashinath Kunte (Con), (*Alibag*), Namdeo Yadav Patil (Con), (*Amalner*), Annasaheb Gopalrao Awate (Con), (*Ambegaon*), Dr Jivraj Narayan Mehta (Con), (*Amreli-Damnagar*), Shanubhai Mahijibhai Patel (Con), (*Anand North*), Natvarsinhji Kesarisinhji Solanki (Con), (*Anand South*), Mahid Harisinhji Bhagubhai (Con), (*Ankleshwar Hanset Jagadia-Valia*), Mohan Narsi (ST), (Con), (*Ankleshwar Hanset Jagadia-Valia (R)*), Balso Purso Kadam (Soc), (*Ankola-Karwar*), Narsagouda Yelagouda Patil (Con), (*Athani*), Padamappa Hiriyappa Gunjal (Con), (*Athani Chikodi*), Venkangouda Hanamantgouda Patil (Con), (*Badami*), Basappa Tammanna Murnal (Con), (*Bagalkot*), Hollbasappa Shivalingappa Metgud (Con), (*Bailhongal*), Chaturbhai Jethabhai Chauhan (Con), (*Balasinor Kapadvanj*), Dattatraya Nathoba Wandrekar (Con), (*Bandra Khar Juhu*), Madhubhai Jaysingh Patel (ST), (Con), (*Bansda-South Vyara (R)*), Gulabrao Dadasaheb Mulik (Con), (*Baramati*), Makanji Purshottam Patel (Con), (*Bardoli Valod-Palsana-Mahuva*), Khushalbhai Dhanabhai Dhodia (ST), (Con), (*Bardoli Valod-Palsana Mahuva (R)*), Chhotabhai Zaverbhai Sutaria (Con), (*Baroda City*), Maganbhai Shankarbhai Patel (Con), (*Baroda-Waghodia*), Methabhai Ramjibhai Chauhan (SC), (K S L P), (*Baroda-Waghodia (R)*), Tulshidas Subhanrao Jadhav (P & W P), (*Barsi Madha*), Narsing Tatya Deshmukh (P & W P), (*Barsi North*), Sadanand Gopal Warty (Soc), (*Bassein*), Atmaram Pandurang Sawant (P & W P), (*Bavda-Panhala*), Sadashivrao Bapurao Bhosale *alias* Kutre (Con), (*Belgaum Rural*), Bhujang Keshav Dalvi (Ind), (*Belgaum Urban*), Motiram Shamrao Suryavanshi (Con) *Bhadgaon Chalisgaon*), Jalamkha Sandebajkha Tadvi (ST), (Con), (*Bhadgaon-Chalisgaon (R)*), Mustafa Faki (Con), (*Bhiwandi-Murbad East Kalyan*), Pandurang Dharmaji Jadhav (SC), (Con), (*Bhiwandi Murbad East Kalyan (R)*), Namdeo Sadashiv Mohol (Con), (*Bhor-Velhe-South Mulshi*), Vishwanath Tukaram Patil (Con), (*Bhudhargad Ajra*), Kodardas Kalidas Shah (Con), (*Bhuleshwar Market*), Dr Nilkantha Ganesh Sane (Con), (*Bhusawal Jamner*), Keshav Raghav Wankhede (SC) (Con), (*Bhusawal Jamner (R)*), Mallanagouda Ramanagouda Patil (Con), (*Bijapur*), Kailasnarain Shivnarain Narola *alias* Dr Kailas (Con), (*Bori Bunder Marine Lines*), Madhav Krishna Deshpande (Con), (*Borivli*), Shivabhai Ranchhodbhai Patel (Con), (*Borsad No* 1), Ishwarbhai Khudabhai Chavada (Con), (*Borsad No* 2), Dinkarrao Narbheram Desai (Con) (*Broach*), Dr Amul Maganlal Desai (Soc), (*Bulsar Chikhli*), Bhulabhai Naranbhai Patel (ST) (Con), (*Bulsar Chikhli (R)*), Salebhai Abdul Kadar (Con), (*Chakla Mandvi-Chinch Bunder*) Ramdas Kilachand (Ind), (*Chanasma Harij Patan*) Khemchandbhai S Chavda (SC), (Ind), (*Chanasma Harij Patan (R)*), Vithal Sitaram Patil (P & W P), (*Chandgad*), Madhavrao Laxmanrao Jadhav (Con), (*Chandor Kalwan-Baglan*), Dongar Rama More (ST), (Con), (*Chandor Kalwan Baglan (R)*), Naushir Cursetji Bharucha (Ind), (*Chaupaty Grant Road Tardeo*), Ratilal Bechardas Mehta (Con), (*Chembur-Ghatkopar and Villages and Sion North*) Bhaijibhai Garbadbhai Tadvi (ST), (Con), (*Chhota Udepur (R)*), Shankar Dadoba Kothawale (Con), (*Chikodi*), Shrimati Radhabai Maruti Shreyakar (SC), (Con), (*Chikodi (R)*), Vasantrao Lakhagoda Patil (Ind) (*Chikodi Raibag*), Bhagirath Sadanand Jha (Soc), (*Chinchpokli-Lower Parel Love Grove*), Bapu Chandrasen Kamble (SC), (S C F), (*Chinchpokli-Lower Parel Love Grove (R)*) Tukaram Krishna Shetye (Con), (*Chiplun Khed*), Sudkoji Baburao Khedekar (SC), (Con), (*Chiplun-Khed (R)*), Bhanu Shankar Manchharam Yagnik (Con), (*Chira Bazar-Thakurdwar Fanas Wadi*), Madhav Gotoo Patil (Con), (*Chopda*), Kalyanji Vithalbhai Mehta (Con), (*Chorasi*), Nathalal Dayabhai Parikh (Con), (*Colaba Fort*) Ambalal Chhotalal Shah (Con) (*Dabhoi*), Dr Trimbak Ramchandra Naravne (Con), (*Dadar Sutan Chowky*), Shamrao Ramchandra Patil (Con), (*Dahanu-Umbergaon*), Bhimra Radka Rupji (ST), (Con), (*Dahanu Umbergaon (R)*), Raosaheb Bhausaheb Thorat (Con), (*Dangs Surgana-Peint Dindori*), Anant Lahanu Jadhav (ST), (Con), (*Dangs Surgana Peint-Dindori (R)*), Wajuddin Ahmed Parkar (Con), (*Dapoli-Khed*), Dr Chhotalal Jivabhai Patel (Con), (*Daskroi*), Popatlal Mulshankar Joshi (Ind), (*Deesa Dhanera*),

Jivanbhai Khodidas (Con) (*Dehgam*) Shantilal Saruphchand Shah (Con) (*Deodar Kankrej West Tharad*) Jorta Ajaji Solanki (SC) (Con) (*Deodar Kankrej West Tharad (R)*) Waman Nagoji Rane (Con), (*Deogad*), Gulam Rasul Myasaheb Kureshi (Con), (*Dhanduka*) Atara Bhikha Zina (ST), (Con), (*Dharampur (R)*), B A Desai (Ind), (*Dharwar*) Basavanneppa Ramappa Tambakad (Con) (*Dharwar-Kalyhutgi*) Manoklal Chunilal Shah (Con), (*Dholka*) Sonuji Devram Vinkhedkar (SC), (Con) (*Dhulia (R)*), Jaysing Mansing Solanki (ST), (Con), (*Dohad (R)*) Vithalrao Nanasheb Patil (K K P), (*East Satara*) Jaysing Daulat sing Raul (Con), (*East Shahada Sindkheda Nandurbar*), Tukaram Hiraji Gavit (ST) (Con), (*East Shahada Sindkheda Nandurbar (R)*) Maffatlal Motilal Patel (Con), (*East Sidhpur*), Ikanathrao Sampatrao Patil (Con), (*Edlabad*), Sitaram Hirachand Birla (Con), (*Erandol*), Kuberappa Parappa Gadag (Con), (*Gadag*) Chanabasappa Sadashivappa Hulkoti (Con) (*Gadag Mundargi*), Mahadeo Dundappa Shreshti (Con), (*Gadhinglaj*) Kikubhai Gulabbhai Naik (Con), (*Gandevi*), Bhagwan Bhabhabhai Barad (Con), (*Ghogha Kodinar*) Shrimati Hiravati Dhirajlal Banker (Con) (*Girgaum Ahetwadi*), Dahyabhai Lallubhai Rajput (Ind) (*Godhra*) Appanna Ramappa Panchagavi (Con) (*Gokak*) Mahadev Ramchandra Pawar (Con) (*Guhagar*) Madiwalappa Rudrappa Pattanashetti (Con), (*Guledgud-Ramatagi*), Ramchandre Gopal Kamat (Con) (*Haliyal Yellapur Supa*), Siddappa Chanbasappa Sindhur (Con) (*Hangal*) Babasaheb Bhausaheb Khanjire (Con), (*Hatkanangale*), Dattatrava Santaram Powar (SC) (Con) (*Hatkanangale (R)*) Martand Dhondiba Magar (Con), (*Haveli Dhond*), Ganpat Sambhaji Kharat (SC), (Con), (*Haveli Dhond (R)*), G V Hallikeri (Con) (*Havers*) Khanji Rupaji Garasia (SI), (Con) (*Himatnagar (R)*) S Y Patil (Con), (*Hippargi Bagewadi*) V V Patil (Con), Ramkrishna Narsinha Kamat (Con), (*Honavar*) Kumbli I S (Ind) (*Hubli*) Dharmappa Yallappa Sambrani (SC), (Con) (*Hubli (R)*), Malhouda Punagouda Patil (Con) (*Hukeri*) Shivalingappa Rudrappa Kanthi (Con), (*Hungund*) Maharajkumar Daljitsinhji Himatsinhji (Ind) (*Idar*), Shankarrao Bajirao Patil (Con) (*Indapur*) Mallappa Karabasappa Surapur (Con) (*Indi Sindgi*) Laxman Jottappa Kabadi (SC) (Con) (*Indi Sindgi (R)*) Sadashiv rao Daji Patil (Con) (*Islampur*) Gulam Rasul Hajee Hasan Bagwan Shaikh (Con) (*Jalgaon Mhasawad*) Bhagwan Budhaji Khandare (SC) (Con) (*Jalgaon Mhasawad (R)*) Chhotabhai Makanbhai Patel (Con), (*Jambusar*) Basappa Danappa Jatti (Con), (*Jamkhandi*), Vijayasinh rao Shriramrao Dafle (Ind) (*Jath*) Babasaheb Jagdeorao Shinde (Con) (*Jath Mahableshwar*), Lalchand Dhulabhai Nimavat (SI) (Con) (*Jhalod (R)*) Dattatraya Amrutrao Dhobale (Con) (*Junnar*) Purshottamdas Ranchhodas Patel (Ind) (*Kadi*) Malharrao Rajamrao Desai (Ind) (*Kagal*) Bhagwandas Mavchand sheth (Con), (*Kalol (Mehsana Dt)*) Mohanbhai Manabhai Rathod (Ind) (*Kalol (Panch Mahals)*) Khanchand Gopaldas (Ind) (*Kalyan Central Kalyan Camp*), Kanji Govind Kerson (Con), (*Kalyan West*) Vishwanathrao Rajanna Lulla (Con), (*Kamathipura Nagpada*) Keshav Venkatesh Rane (Con), (*Kankavli*) Shankerlal Herjiwandas Shah (Con) (*Kapadvanj*) Yeshwant Balwant Chavan (Con), (*Karad North*), Yeshwantrao Jijaba Mohite (P & W P), (*Karad South*), Dr Chinubhai Kishorbhai Patel (Con), (*Karjan Sinor*) Namdeo Mahadeo Jagtap (Con), (*Karmala*), Narayan Tukaram Sarnaik (Ind) (*Karvir*) Gundu Dashrath Patil (Con), (*Kavathe Mahankal (Miraj) Tasgaon (East)*) Basappa Shidlingappa Aragavi (Con), (*Khanapur (Belgaum)*) Dattajirao Bhausaheb Deshmukh (Con), (*Khanapur (South Satara)*), Laxman Babajee Bhingardeve (SC) (Con), (*Khanapur (South Satara) (R)*), Ishaqbhai Abbasbhai Bandukwala (Con), (*Khara Talao Kumbharwada*), Tatya Anandrao Jadhav (Con) (*Khatav*) Pandharinath Ramdas Kabirbuva (Con), (*Khed*), Shankerji Okhaji Thakore (Con), (*Kheralu*), Balvant Dhondo Baralay (P & W P), (*Kolhapur City*), Khadirsab Abdulsab Sheikh (Con), (*Konnur*), Jagannath Shanker Barhate (Con), (*Kopergaon*), Shankarrao Ganpatrao Gharge (Con), (*Koregaon*), Jagannath Sitaram Dhond (Con), (*Kudal*) Ramkrishna Bramna Naik (Con) (*Kumta Honavar*), Indravadan Manmohanrai Oza (Con) (*Kutch Bandra (East)*) Dr Madhav Dattatrava Desai (Con) (*Lalbaug Parel*) Vithal Ganesh Kalambate (Con), (*Lanja*), Jayantilal Zaverbhai Patel (Con) (*Lunawada Santrampur*) Jersinh Motisinh Bhabhor (ST) (Con), (*Lunawada Santrampur (R)*) Baburao Bajirao Patil (*Madha Vohol*) Mohd Abdul Latif (Con) (*Mahij Dharan*) Shankarrao Narayanrao Mohite (P & W P), (*Malsiras*) Shripad Sadashiv Mahajan (Con) (*Malwan*), Dr Shivappagouda Bapugouda Patil (Con), (*Managoli Bableshwar*), Shantaram Laxman Poje (Con) (*Mandangad Dapoli*), Prabhakar Ramkrishna Deshmukh (Con) (*Mangaon Mhasla Mahad*), Dattatraya Maloji Talegaonkar (SC) (Con) (*Mangaon Mhasla Mahad (R)*), Madhavlal Bhailalbhai Shah (Con) (*Matar Cambay*) Alabhai Nathubhai Babaria (SC), (Con), (*Matar Cambay (R)*), Salvati Subramanian (Con) (*Matunga Sion Koliwada*) Veerdhaval Yeshwantrao Dabhade (Ind) (*Maval North Mulshi*) Dr Mafildo Uvaldo Mascarenhas (Con) (*Margaon Ghodapdeo*), Maneklal Chunilal Modi (Con) (*Mehmedabad*), Hargovanbhai Dhanabhai Patel (Con) (*Mehsana North Patan*) Keshavlal Bhoidas Patel (Con) (*Mehsana South*) Vishram Hari Patil (Con) (*Mewasa Taloda Akrani West Shahada*), Janardan Phokraya Valavi (ST) (Con) (*Mewasa Taloda Akrani West Shahada (R)*) Shrimati Shrimatibai Charudatt Kalante (Con), (*Miraj*), Ramanlal Pitambardas Soni (Con) (*Modasa Meghraj*) Ladku Nau Bhoir (P & W P) (*Mokhada Wada Shahapur*), Amrita Ragho Pawar (ST) (Con) (*Mokhada Wada Shahapur (R)*), Pranesh Gurbhai Sidhanti Vakil (Con) (*Muddebihal*), Hiralal Bandulal Shah (Con) (*Mudhol*) Bhaskar Narayan Dighe (Con) (*Murud Shrivardhan*), Udaisinh Virsinh Vadodia (Con) (*Nadiad North*) Babubhai Jashbhai Patel (Con) (*Nadiad South*) Dalpat *alias* Damji Buchar (ST), (Con) (*Nandod Dediapada Sagbara (R)*) Pandurang Mahadeo Murukute (Con) (*Nasik Igatpuri*) Dattatraya Tulshiram Kale (SC), (Con) (*Nasik Igatpuri (R)*) Bhika Trimbak Pawar (ST) (Con) (*Nasik Igatpuri (R)*) Bhulabhai Dulabhai Tadvi (ST) (Con) (*Nasvadi (R)*), Adiveppagouda Shiddanagouda Patil (Con) (*Navalgund Nargund*) Lallubhai Makanji Patel (Con) (*Navsari*) Narambhai Madhavbhai Rathod (SC) (Con) (*Navsari (R)*) Yeshwant Sakharam Desai (Con), (*Nawapur Sakri*) Bokaram Sakharam Kokani (Con) (ST) (*Nawapur Sakri (R)*) P V Gillespie (*Nominated*) Mohomed Sabir Abdul Sattar (Con), (*North Malegaon*) Shrimati Raje Nirmala Devi Vijayasinh Bhosale (Con) (*North Sholapur*) Mohanlal Virjibhai Sanjlia (Con) (*Okhamandal Dhari Khamba*), Chhotubhai Vanmalidas Patel (Con) (*Olpad Mangrol Mandvi Kamrej*) Parbhubhai Dhanabhai Patel (SI), (Con), (*Olpad Mangrol Mandvi Kamrej (R)*), Julalsing Shankarao Patil (Con) (*Pachora*), Jaswantlal Saubhagyachand Shah (Con) (*Padra*) Yusuf Miyaji (Con) (*Palanpur Deesa*), Galba Naji Chodhary (Con) (*Palanpur Abu Vadgem Danta*) Gama Pata Vasia (SI) (Con), (*Palanpur Abu Vadgem Danta (R)*) Maruti Padmakar Meher (Soc), (*Palghar Jawhar*) Trimbak Bhau Mukne (ST), (Con), (*Palghar Jawhar (R)*), Jayawant Ghanasham More (Ind), (*Pandharpur Mangalvedha*), Maruti Mahadeo Kamble (SC), (Con) (*Pandharpur-Mangalvedha (R)*), Narhar Parshram Thosar (Con), (*Panvel Karjat Matheran Khalapur*) Manohar Kushaba Padir (ST), (Con), (*Panvel Karjat Matheran Khalapur (R)*), Hemappa Veerabhadrapa Koujalgi (Con), (*Parasgad*), Rewla Sukar Patel (Soc) (*Pardi*), Bhagwantrao Damodar Deshmukh (Con), (*Parola*) Daulatrao Shripatrao Desai (Con), (*Patan*), Madhav Maruti Nirhali (Con) (*Pathardi*), Ambaji Tukaram Patil (Con) (*Pen-Uran*), Dr Bhaskar Rambhai Patel (Con) (*Petlad North*), Manibhai Prabhudas Parikh (Con), (*Petlad South*), Malojirao Naik Nimbalkar *alias* Nanasaheb (Con) (*Phaltan Man*), Ganpat rao Devji Tapase (SC), (Con), (*Phaltan Man (R)*) Digambar Vinayak Purohit (Soc), (*Poladpur-Mahad*), Vinayak Krishna Sathe (Con) (*Poona City, Central*), Shrimati Malti Madhav Shirole (Con) (*Poona City North West*) Popatlal Ram chandra Shah (Con), (*Poona City South East*), Shridhar Mahadeo Joshi (P S P), (*Poona City South West*) Gopaldas Venidas Patel (Con), (*Pranij Bayad Malpur*), Purshottam Jethabhai Solanki (SC), (Con) (*Pranij Bayad Malpur (R)*), Madhavrao Narayanrao Memane (Con) (*Purandar*) Dhayandeo Santaram Khandekar (P & W P) (*Radhanagari*), Laxmanrao Madhavrao Patil (Con), (*Rahuri*) Sitaram Murari Subhedar (Con) ((*Rajapur*), Hanamanta Yellappa Mumbaraddi (Con) (*Ramdurg*), Kallangowda Fakirgowda Patil (Con), (*Ranebennur*) Sitaram Nana Surve (Con), (*Ratnagiri*) Dhanji Maharu Bonde (Con), (*Raver*), Maruti Sitaram Sawant (Con), (*Roha-Sudhagad*), Andanappa Jnanappa Doddameti (Con), (*Ron*), Shantilal Trikamlal (Con), (*Sanand*) Vasantrao Bandu Patil (Con) (*Sangli*) Ramdas Bhausaheb Shitole (Con), (*Sangmeshwar*) Keshavrao Shripatrao Raut (Con) (*Sangola*) Bhanabhai Galabbhai Padvi (ST), (Con) (*Sankheda (R)*), Manekbai Nathalal Vakharia (Con), (*Santalpur Radhanpur Sami*), Pratap rao Deorao Bhonsle (Con), (*Sawantwadi*), Mamlal Hargovinddas Pathak (Con) (*Savli*) Pratapsing Hirabhai Patel (Ind) (*Sehra Limkheda East Baria*) Virsinghbhai Kanjibhai Nisarta (ST), (Con) (*Sehra Limkheda East Baria (R)*) Madhav Ganpatrao Mane (Soc), (*Sewree Kalachowky Naigaum Wadala*) Sitaram Namdeo Shivtarkar (SC), (Con) (*Sewree Kalachowky Naigaum Wadala (R)*), Rangarao Namdeo Patil (P & W P), (*Shahuwadi*), Trimbak Shivram Bharde (Con) (*Shirgaon*) Mallappa Basappa Hurlikoppi (Con) (*Shiggaon*) Venkatesh Timmanna Magadi (Con) (*Shirhatti*) Rajaram Tukaram Bagade (Con), (*Shiroi*) Dr Sarojini Krishnarao Babar (Con) (*Shirala-Walwa*) Gajanal Dalpat Mali (Con), (*Shirpur*) Sardu Shivrao Phavanrao Thorat (Con), (*Shrigonda*) Baburao Mahadeo Bharaskar (SC), (Con) (*Shrigonda (R)*), Bhaurao Govindrao Chaugule (Con) (*Shrirampur Newasa*), Govind Dattatraya Sane (Comm) (*Sholapur City South*) Shivshankar Mallappa Dhanshetti (P & W P) (*Sholapur City North*) Timmappa Mamappa Motagar Hegde (Con), (*Siddapur Sirsi Mundgod*), Narayan Sadhoo Patil (Con), (*Sindkheda*) Vasant Narayan Naik (Con), (*Sinnar Niphad*), Amritrao Dhondiba Kankhambe (SC) (Con) (*Sinnar-Niphad (R)*) Vithal Dattatreya Ghate (Con), (*Sirur*) Vanmali Langama Chaudhari (ST) (Con) (*Songadh North Vyara (R)*) Bhausaheb Sakharam Hiray (Con), (*South Malegaon North Nandgaon*), Gordhandas Kanchhoddas Chokhawalla (Con), (*Surat City East*) Mahmadhusen Abdulsamad Golandaz (Con), (*Surat City West*) Sayaji Lakshman Sitam (Con), (*Tank Pakhadi Kalachowky West*), Dattajirao Bhaurao Suryawanshi (Con), (*Tasgaon West*), Madhav Vinayak Hegde (Con), (*Thana*) Fazle Abas Fatyabali Jamindar (Con) (*Thasra*), Chanbasappa Jagadevappa Ambli (Con), (*Tikota Bijapur*) Dr Bhawanishanker Padmanabha Divgi (Con), (*Umarkhadi Dongri Wadibunder*), Ibrahim Ali Patel (Con) (*Vagra Amod*), Parsharam Krishnaji Sawant (Con), (*Vengurla*), Kacharabhai Kanjidas Patel (Con), (*Vijapur North*) Munsing Pruthviraj Patel (Con), (*Vijapur South*), Shantilal Harjivan Shah (Con), (*Vile Parle Andheri Versova*) Maganbhai Ranchhodbhai Patel (Con), (*Viramgam*), Shivabhai Prabhudas Patel (Con), (*Visnagar*), Dadasaheb Kashirao Jagtap (P & W P), (*Wai Khandala*), Homi Jehangirji Taleyarkhan (Con), (*Walkeshwar Mahalaxmi*), Shrimati Induben Nanubhai Desai (Con), (*West Baria*), Baburao Balasaheb Ghorpade (Con), (*West Satara*), Dayalji Iribhovan Patel (Con), (*West Sidhpur East Patan*), Dr Madhav Narayan Birje (Con), (*Worli Prabhadevi*), Vithalrao Nathu Patil (Con), (*Yawal*), Madhavrao Trimbak (Patil) Shinde (Con), (*Yeola Nandgaon*), Vacant (*Dhulia*), Vacant (*Himmatnagar*)

Abbreviations Con Congress Soc Socialist (now Praja Socialist), S C F Scheduled Caste Federation, P & W P Peasants and Workers Party, K K P Kisan Kamgar Paksh, K S L P Khedut Sangh Lok Paksh, Ind Independent, S C Scheduled Castes, S T Scheduled Tribes, B S I P Bharat Sextend rules Krishikar Lok Party, Comm Communist

MADHYA PRADESH ASSEMBLY GENERAL ELECTIONS

Pop 21,247 533 (1951 final) Electorate 11,147,302

Seats 233 (32 for SC 27 for ST) Constituencies 184 (136 SM 48 DM) One nominated member

Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
	Set up	for seats Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1 Congress	225	225	31	23	3	1	2	191	27	16	194	28	18	3 433 058	3
2 Socialist	143	143	10	8	—	—	—	2	—	—	2	—	—	661,874	91
3 Kisan Mazdoor Praja Party	69	69	9	2	-	-	—	8	1	1	8	1	1	359,689	42
4 Jan Sangh	70	70	8	2	—	—	—	—	—	—	—	—	—	243 960	62
5 Communist Party of India	12	12	1	—	—	—	—	-	—	—	—	—	-	24 460	10
6 Scheduled Castes Federation	45	45	21	—		—	-	—	-	-	—	—	—	283 554	22
7 Hindu Mahasabha	1	1	—	-	—	—	—	—	-	—	—	—	—	7 055	—
8 Ram Rajya Parishad	35	35	—	3	—	—	—	3	—	—	3	—	—	176,324	24
9 Forward Bloc (M)	8	8	1	1	—	—	—	—	—	—	—	—	—	43 219	4
10 Forward Bloc (R)	14	14	2	1	—	—	—	—	—	—	—	—	—	42,995	11
11 Bolshevik Party	1	1	-	-		—	-	—	—	—		—	—	1 077	1
12 Shetkari Kamgar Paksha	22	22	1	1	—	—	—	2	1	—	2	1	—	114,539	16
13 Lok Congress	3	3	—	—	—	—	—	—	—	—	—	—	—	5 119	3
14 Independents	469	202	25	21	4	—	4	19	2	4	23	2	8	1,601,566	368
Total	1 122	—			7	1	6	225	31	21	232	32	27	6 997 489	657

MADHYA PRADESH LEGISLATIVE ASSEMBLY

(An estimate of party strength at present (March 1954) is as follows Congress 194 Independents 6 Peoples Party 32, Vacant 1)

Speaker Pandit Kunjilal Dubey *Dy Speaker* S K Wankhdee *Secretary* K K Rangole *Under-Secretary* S R Kharabe

Amrutrao Ganpatrao Sonar (Con), (*Achalpur*), Hazi Mohammad Masud Khan Akbar Khan (Con), (*Akallara Masturi*), Kulpat Singh Kupit ram (SC), (Con), (*Akallara Masturi (R)*), Brijlal Nandlal Biyani (Con) (*Akola*), Saqui Niyazi Mohmad Subhan (Con) (*Akot*), Arjun singh Sisodia (Con), (*Amarwara*), Narayan Maniramji Wadiwa (SF), (Con) (*Amarwara (R)*), Maharaja Ramanuj Saran Singh (Ruler of Surguja), (Con), (*Ambikapur*), Thakur Parasnath (SF), (Ind), (*Ambikapur (R)*), Girdharilal Chaturbhuj Sharma (Con), (*Amgaon*), Waman rao Gopalrao Joshi (Con), (*Amravati*), Babulal Kashiprasad (SC), (Con), (*Amravati (R)*), Lakhanlal Gupta (Con), (*Arang Kharora*), Sukhchaindas (SC), (Con), (*Arang Kharora (R)*), Jagjiwan Ganpatrao Kadam (Con), (*Arvi*), Krishnarao Gopalrao Naik (Con), (*Basar*), Haresingh Bhakhatsingh (ST) (Con), (*Basar (R)*), Kanhaiyalal Bahadur Singh (Con) (*Balaghat*), Syed Ghiyasuddin Syed Nasiruddin Kazi (Con), (*Balapur*), Dagdu Zangoji Palspagar (SC), (Con), (*Balapur (R)*), Keshaolal Gomasta (Con), (*Balod*), Shrimati Daranbai (ST), (Con), (*Balod (R)*), Swami Krishna Nand Ramcharan (Con), (*Banda*), Bisahoodas Mahant (Con), (*Baradwara*), Ram Rao Ubgade (Con), (*Barghat*), Jaidev Gadadhar (Con), (*Basna*), Vishwanath Yadaorao Tamaskar (Ind), (*Bemetara*) Shiolal (SC), (Con), (*Bemetara (R)*) Deep chand Laxmichand Gothi (Con), (*Betul*), Ram rao Krishnarao Patil (Con) (*Bhadrawati*) Anandrao Sonaji Lokhande (Con), (*Bhainsdehi*), Rama Bakaram Lanjewar (Con) (*Bhandara*), Chakrapani Shukla (Con) (*Bhatapara Sitapur*), Bajirao Bihari (SC), (Con), (*Bhatapara Sitapur (R)*) Mahant Laxminarain Das (Con) (*Bhatgaon*), Hirasah Ramsah (ST), (Con), (*Bijapur (R)*) Laxmi Shanker (Con), (*Bijairaghogarh*) Dr Sheo Dulare (Con) (*Bilaspur*), Rani Padmavati Devi (Con) (*Bori Deokar*), Bhut nath (SC) (Con), (*Bori Deokar (R)*), Murari rao Krishnarao Nagmoti (Con), (*Brahmapuri*), Namdeo Punjaji Pawar (Con), (*Buldana*), Abdul Quadir Siddiqui (Con), ((*Burhanpur*), Ramkrishna Rathor (Con), (*Champa*), Laxman Krishnaji Waskar (Con), (*Chanda*), Gajanan Sharma (Con), (*Chandrapur Birra*), Mulchand Tikaram (SC), (Con) (*Chandrapur Birra (R)*) Pundlikrao Balkrishna Chore (Con), (*Chandur*), Lal Shyam Shah (ST), (P S P), (*Chauki (R)*), Krishna Ganesh Rekhade (Con), (*Chhindwara*), Rajasahab Shankarpratapsingh (Con), (*Chichli*), Mohkamsingh Wickey (SF) (Con), (*Chicholi (R)*) Trimbak Bhikaji Khedekar (Ind), (*Chikhli*), Dora Dokka (ST), (Ind) (*Chiralote (R)*) Harishchandra Laxmichand Marothi (Con) (*Damoh*), Boda Dada (SF), (Ind) (*Dantewara (R)*) Deorao Shoram Patil (Ind) (*Darwha*), Shrimati Kokilabai Jagannath Gowande (Con), (*Daryapur*) Kisan Naravan Khandare (SC), (Con), (*Daryapur (R)*) Gokaran Singh (Con), (*Deobhog*), Mahadeo Tukaram Thakre (Con), (*Deoli*), Shankar Vithal Sonawane (SC), (Con), (*Deoli (R)*), Pandit Ramgopal Sharma (Con) (*Dhamtari*), Raja Chandra Chur Prasad Singh Deo (Ruler of Udaipur) (Con), (*Dharamjaigarh*), Budnath Sai (ST), (Con), (*Dharamjaigarh (R)*) Allhassan Mamadani (Con), (*Digras*), Dwarika Prasad Bilthare (Con), (*Dindori*), Roop Singh Umrao Singh (ST), (Con), (*Dindori (R)*), Bijay Lal (Con), (*Dongargaon*), Ghanshyam Singh Gupta (Con), (*Durg*), Niranjansingh Ridhsingh (P S P), (*Gadarwara*) Kirtimantrao Bhujangrao (Con), (*Gadchiroli-Sironcha*) (*R*), (SF), Namdeorao Balaji Poreddiwar (Con), (*Gadchiroli Sironcha*), Mahant

Rituparn Kishore Das (Ruler of Chhuikhadan), (Ind), (*Gandai*) Durga Charan (Con), (*Gharjoda*), Raja Lalit Kumar Singh (ST), (Ruler of Raigarh), (Con), (*Ghargoda (R)*) Ramchandra Wasudeo Kathade (Con), (*Gondapipri*), Manoharbhai Babarbhai (Con), (*Gondia*), Pannalal Beharilal Dube (Con), (*Goregaon*) Shyam sundar Narain Mushran (Con), (*Goregaon*) Mulchand (Con), (*Gudhiyari*), Maheshdatta Mishra (P S P) (*Harda*), Premnath Rishi Wasnik (SC), (P S P), (*Harda (R)*), Mishrilal Shermal Sand (Ind), (*Harsud*), Premshanker Laxmishankar Dhagat (Con), (*Hatta*), Kadorelal Choudhari (SC), (Con), (*Hatta (R)*), Babu Ramkisandas Motilal Mohota (Con), (*Hinganghat*), Mohmmad Abdulla Khan Pathan (Con), (*Hingna*), Nanhelal Bhurelal (Con), (*Hoshangabad*), Jagdish Narayan (Con) (*Jabalpur I*), Mattia (SC) (Con), (*Jabalpur I (R)*) P K Dube (Con), (*Jabalpur II*), Vidyanath Thakur (Ind), (*Jagdalpur*) Doomar (SC), (Ind), (*Jagdalpur (R)*), Kashirao Raibhan Patil (S K P), (*Jalgaon*), Lakheshar Lal Paliwal (Con), (*Jangir Pamgach*) Ganeshram Anant (SC), (Con), (*Jangir Pamgarh (R)*), Ramkrishna Atmaram Belsare (Con), (*Jarud*), Raja Bijai Bhushan Singh Deo (Ruler of Jashpur), (R R P), (*Jashpurnagar*) Johan (ST), (P S P), (*Jashpurnagar (R)*), Narayan Juglaji Nandurkar (Con), (*Kalamb*), Bajrangji Lahanu Thekedar (Con), (*Kamptee*), Kaushalnath Laxmichand (Con), (*Kamtha*), Manohar Rao Jatar (Con), (*Kanhiwara*), Maharajadhiraj Bhanupratap Deo (Ruler of Kanker) (Con) (*Kanker*), R P Ghamsan (Con), (SF), (Ind), (*Kanker (R)*), Vithalsinha Jaisinha Thakur (Con) (*Karanja*) Shankarlal Tiwari (Con), (*Katangi*), Motiram Odakya (SC) (Con), (*Katangi (R)*), Banwarilal Noubatram (Con), (*Katghora*), Adityapratap Singh Iribhuwan Pratap Singh (SF), (Con), (*Katghora (R)*), Shankarrao Daulatrao Gedam (Con), (*Katol*), Ganga Prasad (R R P), (*Kawardha*), Rajman (SF), (Ind), (*Keskal (R)*), Raja Bahadur Birendra Bahadur Singh (Ruler of Khairagarh), (Con), (*Khairagarh*), Jagmohandas (Con), (*Khamaria*), Purushottam Govind Lkbote (Con), (*Khamgaon*), Bhagwantrao Annabhau Mandloi (Con), (*Khandwa*), Devkaran Balchand (SC), (Con), (*Khandwa (R)*), Krishna Chandra Sharma (Ind), (*Khurai*), Pyarelal (SC), (P S P), (*Khurai (R)*), Brijlal Verma (P S P), (*Kosamandi Kasdol*), Mahant Nalndas (SC), (Con), (*Kosamandi Kasdol (R)*), Kashiram Tiwari (Con), (*Kota*), Bhopal Rao (Con), (*Kurud*), Tilochan (P S P), (*Kuthrel*), Krishnarao Dogoji Thakur (Con), (*Lakhandur*), Sitaram Jairam Bambhore (SC), (Con), (*Lakhandur (R)*), Durga Shanker Mehta (Con), (*Lakhnadon*), Vasant Rao (ST), (Con), (*Lakhnadon (R)*), Shantilal Sabhsukhlal Jain (Con), (*Lalbarra*), Tejlal Harish Chandra Tembhare (Con), (*Lanji*), Ajodhya Prashad (Con), (*Maharamund*), Parmanand Bhai (Con), (*Majholi Panagar*), Bhiku Fakira Shelki (Con), (*Malkapur*), Roop Narayan Dhanak Lal Chaturvedi (Con), (*Mandla Nuas*), Bhupat Singh Wickev (ST), (Con) (*Mandla Nuas (R)*), Jwala Prasad (Ind), (*Manendragarh*), Pritram Kurrey (SC), (Con), (*Manendragarh (R)*), Babarao Anandrao Deshmukh (Con), (*Mangrulpir*), Shorava Krishnaya Gangashettiwar (Con), (*Maregaon*), Anandrao Marotrao Pawar (Con), (*Mehkar*), Laxman Thakuji Gawai (SC), (Con), (*Mehkar (R)*), Balkrishna Mulchand Bhandari (Con) (*Melghat*), Shrimati Prabhawatibai Jaywant Jakatdar (Con), (*Mohada*) Panjabrao Balkrishna Sadatpure (Ind), (*Morsi*), Marotrao Sambhsheo Kannamwar (Con), (*Mul*) Beharilal Deorao (Con) (*Multai*), Bhakru Keoji Patil (SC), (Con), (*Multai (R)*), Kalusingh Shersingh (Con), (*Mundi*) Ramgopal Banshidhar Tiwari (Con) (*Mungeli*) Anjordas Deodas (SC), (Con), (*Mungeli (R)*), Shamrao Deorao Dhotre (Con), (*Murtajapur*), Govind Prasad Sharma (Con), (*Murtuara*), Surendralal Jha* (Con), (*Nainpur Mohgaon*), Akail Basori (SF), (Con), (*Nainpur Mohgaon (R)*), Madangopal Jodhraj Agarwal (Con), (*Nagpur I*) Dindayal Gupta (Con) (*Nagpur II*), Shrimati Vidyawatibai Pannalalji Dewadia (Con) (*Nagpur III*) Manoharsha Rustamji Awari (P S P) (*Nagpur IV*) Vinayak Jagannath Changhole (SC), (Con), (*Nagpur IV (R)*) Rajkumar Shukla (Con), (*Nandgaon (Durg Dist)*), Punjabrao Bapurao Yaolikar (Con), (*Nandgaon, Amravati Dist*) Jalamsingh Supadsingh Ingle (Con), (*Nandura*) Rameshwar Arjun (SF), (Con) (*Narayanpur (R)*), Rameshwar Prasad Rupchand (Con), (*Nargoda*) Shrimati Sarladevi Dwarka prasad Pathak (Con), (*Narsimhapur*), Khubchand Baghel (P S P), (*Pacheda*) Dharampal (Ind), (*Pal*) Bhandariram (ST), (Con) (*Pal (R)*), Padamraj Singh Raja Raghuraj Singh (R R P), (*Pandaria*) Udairam (Con) (*Pandhar*), Dattatraya Krishnarao Deshmukh (Con), (*Pandharkavada*), Tarachand (Con), (*Panduka*), Nek Naram Sing Thakur (Con), (*Patan*), Mathuraprasad Banshidhar (Con), (*Pendra*), Narain singh Dangalsingh (Con), (*Piparia*), Ganpat Rao Dani (Con), (*Pithore*), Narainsinha Sampatsinha Weakey (Ind), (*Purada*), Wasantrao Phulsingh Naik (Con), (*Pusad*), Daulat Laxman Khadse (SC), (Con), (*Pusad (R)*), Baij Nath (Con), (*Raigarh*), Piarelal Singh (P S P), (*Raipur*), Shrimati Shyam Kumari Devi (Con), (*Rajim*), Rudrasaran Pratap Singh (ST), (Con), (*Rampur (R)*) Chintamanrao Govind Tidke (Con), (*Ramtek*), Lalendra Ramchandra Wasnik (SC), (Con), (*Ramtek (R)*), Balaprasad *alias* Balaji (Con), (*Rehli*), Kunjilal (Con), (*Ruth*), Md Shafi Muhammad Subrati (Con), (*Sagar*), Arjun Ganaji Samrit (Con), (*Sakoli*), Nashik Khantadu Tirpude (SC), (Con) (*Sakoli (R)*), Raja Bahadur Leeladhar Singh (Ruler of Sakti), (Ind), (*Sakti*), Sheobux Ram (SF), (Con), (*Samri (R)*), Narendra Mahipati Tidke (Con), (*Saoner*), Pandit Ravi Shankar Shukla (Con), (*Sarangpuli*), Raja Naresh Chandra Singh (Ruler of Sarangarh), (Con), (*Sarangarh*), Vedram (SC), (Con), (*Sarangarh (R)*), Nilkanth Rao (Con), (*Sausar*), Jhingru Poosay (SC), (Con), (*Sausar (R)*), Sheshrao Krishnaji Wankhede (Con) (*Sawargaon*), Kashi Prasad (Con), (*Sehora*), Mahendranathsingh Dadu (Con), (*Seoni*) Gangacharan Beharilal (Con), (*Shahpur*), Dattatraya Tukaram Thakre (Con), (*Shankarpur Sindhewahi*), Pandurang Antaram Chunarkar (SC), (Con), (*Shankarpur Sindhewahi (R)*), Tukaram Ganpat Khunikar (Con), (*Shegaon*), Bapurao Marotrao Deshmukh (Con), (*Sindi*), Harbhajan Singh (SF), (Ind), (*Sitapur (R)*), Basant Kumar Mishra (Con), (*Sleemnabad*), Hariprasad Nandlal (Con), (*Sohagpur*), Piloo Gagru (SF) (Ind), (*Sukma (R)*), Jyotshi Jwala Prasad (Con), (*Surkhi*), Chandrabhushan Singh Sheoraj Singh (Con), (*Takhatpur*), Bhaurao Gulabrao Jadhao (Con), (*Talegaon*) Shanti Sarup (Con), (*Tamia Parasia*), Phulbhan Shah (SF), (Ind), (*Tamia-Parasia (R)*), Raghuvar Prasad Modi (Con), (*Tendukheda*), Shaligram Ramratan Dixit (Con), (*Tirora*), Narayan Sambhuji (P S P), (*Tumsar*), Shrimati Radhadevi Kisanlal Goenka (Con), (*Ugwa*), Ramchandra Pandurang Tanjewar (Con), (*Umrer*), Shridhar Nathoba Jawade (Con), (*Wadhona*), Purushottam Kashirao Deshmukh (Con), (*Walgaon*), Deorao Yeshawantrao Gohokar (Con) (*Wani*), Thansingh Tikaram Bisen (Con), (*Waraseoni*), Shrimati Shantabai Narulkar (Con) (*Wardha*), Mahadeorao Nagorao Pawade (Con), (*Warora*), Shankar Sadashio Kulkarni (Con), (*Washim*), Maroti Kashiram Khirade (SC), (Con), (*Washim (R)*), Tarachand Shermal Surana (Con), (*Yeotmal*), Major P Bernard (*Nominated*)

Abbreviations Con—Congress, Ind—Independent, P S P—Praja Socialist Party, R R P—Ram Rajya Parishad, S K P—Shetkari Kamgar Paksha, S T—Scheduled Tribes, S C—Scheduled Castes

* Election void

MADRAS LEGISLATIVE COUNCIL

Chairman Dr P V Cherian *Dy Chairman* A M Allapichai

Local Authorities: (14) Narasappiah* (Con), T T P Kunni Pokker* (Ind), (*West Coast*), V Rangaswami, K N Palaniswami Gounder, Theogaraja Reddiar, P B K (*Coimbatore Salem Nilgiris*), S O S O Udayappa, P Sivasubramanya Nadar, T S Sankararayana Pillai (*Madurai Ramnad Tinnevelly*), C Perumalswami Reddiar,* Dr C Nathuamuni Naidu,* T Purushottam* (*Madras Chingleput N Arcot*), C Maruduvanam Pillai, A Somasundara Reddiar, Janab Abdul Salam (*Trichy S Arcot-Tanjore*)

Graduates' Constituency: (4) K Balasubramanya Avyar, K Bashyam Dr P V Cherian, Dr A Lakshmanaswami Mudaliar (*Madras South*)

Teachers' Constituency: (4) Gnanamuthu Alexander, G Krishnamurthi*, E H Parameswaran,* V R Ranganathan (*Madras South*)

Elected by Members of the Legislative Assembly: (18) A M Alla Pichai, (Con), T G Krishnamurthi* (Con), M P Sivagnana Gramaniar* (Con), N Annamalai Pillai* (Con), M Ethirajulu (Con), Srimathi S Manjubhashini* (Con), Govinda Menon (K M P P), Guru Nandan Rao (Con), V Chakkarai Chettiar (Ind), S Srinivasa Rao, T M Narayana swamy Pillai, Nallanapathi Sarkari Manradiar (Ind), B V Subramaniyam (Soc), M Bhaktavatsalam, A Gajapathy Nayagar, Dr V K John*, Mohammad Raza Khan*, Joth Venkatachellum

Nominated Members: (11) C Rajagopalachari, O P Ramaswami Reddiar, Janab Muhammad Usman*, Vellapuram Bashyam Ayyangar, Dr S Muthulakshmi Reddy*, Shrimati R S Subbulakshmi Ammal, T M Daivasikhamani Acharlar, P N Marthandam Pillai*, G Venkatachalam; M C Clubwala*, M Satyanarayana*

Abbreviations Con—Congress, Soc—Socialist, Ind—Independent, K M P P—Kisan Mazdoor Praja Party

* Were due to retire as from April 20, 1954 At the time of going to press the following had been re-elected

MADRAS CHINGLEPUT NORTH ARCOT (LOCAL AUTHORITIES) T V Devarajulu Mudaliar, C Perumalswami Reddy, T Purushothama Mudaliar

WEST COAST (LOCAL AUTHORITIES) P P Ummar Koya, K Gopalan

MADRAS TEACHERS' CONSTITUENCY G Krishnamoorthi, E H Parameswaran

MADRAS ASSEMBLY CONSTITUENCY N Annamalai Pillai, T G Krishnamoorthy, S Narsapaya, V V Ramaswami, A Subramaniam

NOMINATED M C Clubwala, S Manjubhashini, Muhamed Usman

MADRAS GRADUATES Dr V K John, Dr A Sreenivasan

MADRAS ASSEMBLY GENERAL ELECTION*

Population 57,016,002 (1951 final) **Electorate** 26,958,006 **Constituencies** 309 (243 SM, 66 DM)
Seats 375 (SC 62, ST 4) After the separation of Andhra the strength is reduced to 230

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
			for Seats													
		Set up	Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	367	367	60	2	1	—	—	151	31	—	152	31	—	7,000,203	14
2	Socialist	164	164	17	1	—	—	—	13	1	1	13	1	1	1 312 077	114
3	Kisan Mazdoor Praja Party	147	147	21	1	—	—	—	35	4	1	35	4	1	1,760,724	75
4	Jan Sangh	4	4	1	—	—	—	—	—	—	—	—	—	—	20,082	4
5	Communist Party of India	131	132	13	—	—	—	—	62	9	—	62	9	—	2 591 923	22
6	Scheduled Castes Federation	38	38	30	—	—	—	—	2	2	—	2	2	—	348,226	29
7	Krishikar Lok Party	63	63	7	3	2	1	1	13	1	—	15	2	1	629 894	26
8	Hindu Mahasabha	9	9	—	—	—	—	—	—	—	—	—	—	—	24,617	9
9	Forward Bloc (M)	6	6	1	—	—	—	—	3	1	—	3	1	—	138,203	2
10	Forward Bloc (R)	5	5	—	—	—	—	—	—	—	—	—	—	—	15,438	4
11	Ram Rajya Parishad	1	1	—	—	—	—	—	—	—	—	—	—	—	114	1
12	Revolutionary Communist	1	1	—	—	—	—	—	—	—	—	—	—	—	2,199	1
13	Other Parties**	69	70	11	—	—	—	—	31	8	—	31	8	—	1 291,358	14
14	Independents	670	302	43	1	—	—	—	62	4	1	62	4	1	4,839,743	471
	Total	1 675	—	—	—	3	1	1	372	61	3	375	62	4	19 974,801	786

** Tamilnad Toilers Party set up 31 candidates, won 19 seats, polled 783,346 votes, forfeited 4 deposits Commonweal Party set up 12 candidates, won 6 seats, polled 195,598 votes, forfeited one deposit Justice Party set up 9 candidates, won one seat, polled 82 231 votes, forfeited 4 deposits Republican Party set up 6 candidates, did not win any seats, polled 48,233 votes, forfeited 2 deposits Madras Muslim League set up 12 candidates, won 5 seats, polled 181,950 votes, forfeited 3 deposits

The Congress Party had 152 seats in the 375-member Assembly, or 36 short of an absolute majority

The Congress, which swept the polls in the previous elections securing more than 77 per cent of the seats, now secured just over 40 per cent of the seats in the new enlarged House The Party polled 34 6 per cent of a total of 19,974,801 votes cast in the State out of an electorate of 26,958,006

The Communists, the second largest single Party, polled 12 per cent of the total votes

A striking feature of the elections was the defeat of several prominent leaders not only of the Congress but of all parties

A region-wise analysis of election returns shows that Congress captured 82 per cent of the seats from South Kanara, 50 5 per cent from Tamilnad, 26 7 per cent from Andhra and 13 8 per cent from Malabar

The Communists had their best returns in Andhra, particularly in Guntur and Krishna They captured 27 5 per cent of the total seats from Andhra, 24 1 per cent from Malabar, 6 8 per cent from Tamilnad and none from South Kanara

The Party's nominees including Mr Anandan Nambiyar, Mr Nagi Reddi and Mr P Rama murthi secured notable victories over prominent leaders

Andhra also returned the largest number of K M P P candidates Of 35 seats secured by the Party, 20 were from this area The Party obtained 10 1 per cent of the total votes polled in the State

Tamilnad returned 7 K M P P candidates, Malabar 6 and South Kanara 2

The K M P Party secured maximum support from Malabar where it won 20 7 per cent of the seats in the region The Party obtained 18 2 per cent in South Kanara, 13 4 per cent in Andhra and 3 7 per cent in Tamilnad

Socialists entered the Madras Assembly for the first time with 13 members led by Dr K B Menon who was elected from a Malabar constituency Next to the Congress, the Socialists contested the largest number of seats but secured only 6 7 per cent of the total votes polled

Socialists had their best returns in Malabar where they secured 13 8 per cent of the seats They got 4 2 per cent in Andhra and 1 6 per cent in Tamilnad, and nothing in South Kanara

The Krishikar Lok Party of Mr N G Ranga had all its 15 wins including the two unopposed returns in Andhra where alone it set up candidates It polled a little less than 3 per cent of votes cast in the State

The Forward Bloc and the Scheduled Castes Federation contested six and 38 seats respectively They together polled 2 per cent of the total votes cast

The Forward Bloc leader Mr U Muthurama linga Thevar, won both the Parliamentary and Assembly seats which he contested

Mr P T Rajan, Leader of the Justice Party which was in power during the diarchy rule was the only member of the Party in the State Assembly

The Moplah dominated areas of Malabar District returned five Muslim Leaguers to the State Assembly and one to the House of the People They got less than one per cent of the total votes polled

Among the State Parties, the Tamilnad Toilers' Party and the Commonweal Party, formed with the avowed object of safeguarding the interests of backward classes secured 19 and 6 seats respectively from Tamilnad region They together polled 5 7 per cent of the votes cast

Independents obtained 23 4 per cent of the total votes polled Mr Sivashanmugham Pillai, Speaker of the Assembly, and the Raja of Chettinad, Mr M A Muthiah Chettiar, an Opposition Leather in the then sitting House, were among the prominent Independents re-elected to the Assembly Congress did not set up candidates to oppose them

Excluding the three unopposed returns the remaining 372 seats in the State Assembly were contested by about 1,700 candidates, an average of four for a constituency

* At the time of the general elections Andhra was not separated from Madras The strength of the Madras Assembly is now 230

MADRAS LEGISLATIVE ASSEMBLY*

Speaker T Sivashanmugam Pillai *Dy Speaker* B Bhakthavathsulu Naidu

[An estimate of party strengths is as follows Congress 117, Communists 23, Independents (U D F) 7, Tamilnad Toilers 14 Commonweal 6 Dravidian Party 2, P S P 12 K M P 4 Forward Bloc 3 Muslim League 5 Scheduled Castes Federation 2 Justice Party 1, Unalloyed Socialists 2 Independents 8]

S Venkatrama Iyer (Con) (*Adiramapattinam*), G Narayanasami Nayudu (Con) (*Aduthurai*), Chinnathambi (Con), (*Alangulam*) K Krishnan (C P I), (*Alathur*), Koran (SC), (K M P), (*Alathur (R)*) P Chockalingam (Ind), (*Ambasamudram*) Mohamad Sithu Marajcair (Con), (*Aranthangi*), S Panchaksharam Chettiar (Con) (*Arcot*) Palaniandi (Ind) (*Ariyalur*) B Bakthavathsulu Naidu (Ind) (*Arkonam*), V K Kannan (Commonweal) (*Arni*) Jayaramu Reddiar (Con) (*Aruppukotai*) N Rethina Goundar (Ind) (*Aravakurichi*) P Subramaniam (Ind) (*Attur*), Shrimati Soundaram Ramachandran (Con) (*Authoor*) K Mondu (P S P) (*Badagara*) M Gangappa (Ind), (*Bellary*), B K Nallaswami (Con) (*Bhavani*) V Krishnasamy Padayachi (Con) (*Bhuranagiri*) S S Kolkebail (K M P), (*Brahmanur*), K I Speedharan (K M P) (*Cannanore*) Ramaswami Goundar (Commonweal) (*Chengam*) S Chellappandi (Con) (*Cheranmahadevi*) A Appu (Con) (*Cheranur*) Dharmalinga Nayakar (Commonweal) (*Cheyyar*) G Vaghesam Pillai (Con) (*Chidambaram*) Swami A S Sahajananda (SC) (Con) (*Chidambaram (R)*) K Vinayakam (K M P) (*Chingleput*), S C C Anthony Pillai (P S P) (*Choolai*) C Subramaniam (Con) (*Coimbatore*), Manjaya Shetty (Con), (*Coondapur*) S Ramasamy (T N T P), (*Cuddalore*) A Rathinam (SC), (I N T P) (*Cuddalore (R)*) P I Rajan (J P) (*Cumbum (Madurai Dist)*) Sonapathy Goundar (Ind) (*Dharampuram*) P R Rajagopala Goundar (Ind) (*Dharmapuri*), M S Mumsamy Pillai (Con) (*Dindigul*) S Arthanareswara Goundar (Con), (*Edappadi*) R Krishnaswami Naidu (Con), (*Edaikettai*) Raju (C P I) (*Erode*) Aringnathan (I N T P) (*Gingee*) P S Nalla Goundar (Con), (*Gobichettipalayam*) A I Arunachala Mudali (Con), (*Gudiyattam*), A M Rathinasami (SC), (Con) (*Gudiyattam (R)*), Dr U Krishna Rao (Con) (*Harbour*) Ijari Sirasappa (Con) (*Harpanahalli*), Durai sami Goundar (Ind), (*Harur*), Nanjappan (SC) (Con), (*Harur (R)*) Narayanan Nambiar (K M P) (*Hosdrug*) R Nanjinagoud (Con), (*Hospet*) M Muni Reddy (Ind), (*Hosur*), K R Viswanathan (I N T P), (*Jayakondan*), Ayyaru (SC), (I N T P), (*Jayakondan (R)*), V Krishnaswamy (Con), (*Kadambur*) R A Natarija Mudaliar (Ind), (*Kalasapakkam*), Flava Pillai (Ind), (*Kallakurichi*), Anandan (SC) (Con) (*Kallakurichi (R)*), S Deivasigamany (K M P) (*Kancheepuram*), A K Subbaraya Gounder (Con), (*Kangayam*), A R a R M Chockalingam Chettiar (Con), (*Karaikudi*), A B Shetty (Con), (*Karkal*), M Manickasundaram (Ind), (*Karur*), I V Sannasi (SC), (Con) (*Karur (R)*), M S Mogral (Con), (*Kasargod*), Nallaswami (P S P), (*Kodumudi*), V K Palaniswamy Gounder (Con), (*Koilpalayam*), S G Virupakshiah (Con), (*Kollegal*), A K Chakkrai (M M I) (*Kottakkal*), K Ramaswamy (Con), (*Kovilpatti*) K P Kuttikrishnan Nayar (Con) (*Kozhikode*), D Krishnamurthy Gounder (Ind), (*Krishnagiri*), Kotrabasavan Goud (Ind), (*Kudlig*) I R Varadan (Con) (*Kumbakonam*) Krishna Iyer (Ind), (*Kuthuparamba*) Rajachidambaram (Ind), (*Lalgudi*), R Kuppuswami (Con), (*Madukkarai*), V Venkatasubba Reddy (Con), (*Madurantakam*) B Parameswaran (SC), (Con), (*Madurantakam (R)*) P Ramamoorthy (C P I), (*Madurai North*), T K Rama (Con), (*Madurai South*), K Mohammed Hajee Sethi (M M L) (*Malappuram*), Chadayan Minyadan (SC), (M M L), (*Malapuram (R)*), Rajagopal (Con) (*Manachanallur*) Krishnaswamy Ayyangar (Con), (*Manamadurai*), A Peter (Con), (*Manapparai*), L C Pais (Con), (*Mangalore*) K C Gopalan Unni (Ind) (*Mannarghat*), Manah Kandasami (C P I) (*Mannargudi*) Subbiah (SC) (C P I), (*Mannargudi (R)*), K Madhavan Nambiar (C P I), (*Mattanur*) K R Sambandam (Ind) (*Mayuram*) A Veloo (SC), (Ind) (*Mayuram (R)*) K S Subramania Goundar (Con) (*Mecheri*), R Gopala Goundar (J N I P) (*Melmalayanur*), Chinnakaruppa Thevar (Con), (*Melur*) V S Sivaprakasam (SC) (Con) (*Melur (R)*) Kempe Gounder (Ind) (*Mettupalayam*) Muthuramalinga Thevar (F B (M)) (*Mudukulathur*) Mottayaku dumban (SC) (F B (M)) (*Mudukulathur (R)*), N N Suvarna (Con) (*Mulky*) Thangavelu (Ind) (*Musiri*), C R Ramaswamy (Con) (*Mylapore*) Sankaravarma Raja (Con) (*Nadapuram*) Sivaraj (C P I) (*Nagapattinam*) Vadivelu (SC) (C P I) (*Nagapattinam (R)*), K V Ramaswami (C P I), (*Namakkal*) M P Periaswami (SC) (Con) (*Namakkal (R)*) P G Karuthirumian (Con) (*Vanniyur*) P G Manickam (SC) (Con) (*Nambiyur (R)*) M G Sankar (Con) (*Vanguneri*) M D Thiyagaraja Pillai (Con) (*Nanmlam*), Muthukumaraswami (SC), (Con) (*Nannilam (R)*) P K Gopalakrishnan (C P I) (*Nattika*) P Venkatesa Sholagar (C P I) (*Nidamangalam*) Muthu Thevar (Con) (*Nilakotai*) S Ayyanar (SC) (Con) (*Nilakotai (R)*) Ari Gowder (Ind) (*Nilgiri*) K H Bomman (SC) (Con) (*Nilgiri (R)*) Raja Meka Rangayya P Rathinasami Pillai (Ind) (*Omalur*) S Lakshmipathy Naicker (Ind) (*Ottanchatram*), M Narayana Kurup (K M P) (*Ottapalam*) I Ganapathi (Con) (*Polavoor*) K Ramakrishnan (Ind) (*Palghat*) M P Mangala Gounder (Ind) (*Palni*) B Vaikunta Baliga (Con), (*Panemangalore*), S Radhakrishnan (I N T P), (*Panruti*) Swayamprakasam (Ind), (*Papanasam*), Govindan (Con) (*Paramakudi*) R Rangaswami Gounder (Ind) (*Paramathi*) V Sankaranarayana Menon (K M P) (*Pattambi*) V Nadimuthu Pillai (Con), (*Pattukottai*), K P Gopalan (C P I) (*Payyanur*), S Kandasami Goundar (T N T P) (*Pennagaram*) Paramasivam (Ind), (*Perambalur*), Palanimuthu (SC) (I N T P) (*Perambalur (R)*), Kunhiraman Kitavu (K M P), (*Perambra*), S Pakkiriswamy Pillai (P S P), (*Perambur*), Kunhimohamad Shafee (M M I) (*Perintalamanna*) Mookayya Thevar (F B (M)) (*Periyakulam*) V Muthu (SC) (Con) (*Periyakulam (R)*), N Mahalingam (Con) (*Pollachi*) P K Thiru Moorthi (SC), (Con) (*Pollachi (R)*), M A Manickavelu Naicker (Commonweal), (*Polur*)), Gopala Menon (Con) (*Ponnani*) E T Kunhan (SC), (C P I) (*Ponnani (R)*), K Gajapathy (K M P), (*Ponneri*), O Chengam Pillai (SC), (K M P), (*Ponneri (R)*), V Balakrishnan (T N T P), (*Pudukottai*) Kumaraswami Rajah Bahadur (K M P) (*Puttur (Chittoor Dist)*), K Venkataramana Gowda (Con), (*Puttur*) (S (*Kanara Dist*) K Ishwara (SC), (Con), (*Puttur (R)*), Kunhirama Kurup, (K M P) (*Quilandy*), Shanmuga Rajeswara Sethupathy (Con) (*Ramanathapuram*) Munuswamy Gounder (Con), (*Ranipet*), T M Kaliannan (Con) (*Rasipuram*), N Ramakrishna Iyer (Con), (*Saidapet*), T P Ellumalai (SC), (Con), (*Saidapet (R)*) C Lakshmana Kandar (Con), (*Salem Rural*), P Varadarajulu Naidu (Con), (*Salem Town*), G Samia Koorayar (Ind) (*Sallyamangalam*), Ramasundara Karunaiyapandian (Ind), (*Sankaranainarkoil*), Urkavalan (SC), (Con), (*Sankaranainarkoil (R)*), K T Kosalram (Ind), (*Sattankulam*), S Ramaswamy Naidu (Con), (*Sattur*) Thinakarasami Thevar (Con), (*Sedapatti*), M Subramanya Naicker (Commonweal), (*Sholingur*), C Muthia Pillai (Con), (*Sirkali*), Saled Parmeswarappa (Con), (*Siruguppa*) R V Swaminathan (Con) (*Sivaganga*) T Shanmugam (Ind), (*Sriperumbudur*), Chitrambalam (C P I) (*Srirangam*), D K Raju (Ind) (*Srivilliputtur*) Vaikuntam (SC) (Con), (*Srivilliputtur (R)*) A Sambasivam (Con), (*Talavasal*) I Narayanan Nambiar (C P I) (*Taliparamba*) Ramalingam (C P I), (*Tanjore*) M Marimuthu (SC) (Con), (*Tanjore (R)*) C H Kanaran (C P I) (*Tellicherry*) Subramania Pillai (Con) (*Tenkasi*) Palamappan (Con) (*Thirumayam*) Chinnayya (SC) (T N T P) (*Thirumayam (R)*), K Venkataswami Naidu (Con) (*Thousand Lights*), T Sivashanmugam Pillai (SC), (Ind), (*Thousand Lights (R)*), P Rangasami Reddiar (Ind) (*Thuraiyur*), Venugopala Goundar (I N I P) (*Tindivanam*) Jagannathan (SC) (T N I P) (*Tindivanam (R)*) I S Aththanari (C P I), (*Tiruchengode*) S Arumugam (SC) (Ind) (*Tiruchengode (R)*), S I Aditya (K M P) (*Tiruchendur*) V Arumugam (SC) (Con) (*Tiruchendur (R)*), M Kalyanasundaram (C P I) (*Tiruchirapalli North*) A Ramaswami (Con), (*Tiruchirapalli South*), I D Muthukumarasami Naidu (I N T P), (*Tirukoyilur*) A Muthusamy (SC), (T N T P), (*Tirukkoyilur (R)*) K Rajaram (Con), (*Tirumangalam*), Somayajulu (Con) (*Tirunelveli*), Arumugam (SC), (Con) (*Tirunelveli (R)*), M A Muthiah Chettiar (Ind) (*Tirupattur (Ramanathapuram Dist)*) P I Raghava Mudali (Ind) (*Tirupattur (North Arcot Dist)*), M P Ramachandran (Con) (*Tiruppoorur*) Rangasami Naidu (Con) (*Tiruppur*) Arumugham (SC), (Con) (*Tiruppur (R)*) K Uppu Sahib (M M L), (*Tirur*) Chellathurai (Ind) (*Tiruvadana*), V Govindaswamy Naidu (K M P) (*Tiruvallur*) M Dharmalingam (SC), (K M P) (*Tiruvallur (R)*) A Ramachandra Reddiar (Con) (*Tiruvannamalai*), R Thangavelu (SC), (Con), (*Tiruvannamalai (R)*) Palanisami Goundar (Con) (*Tondamuttur*) A M Sambandam (Con), (*Triplicane*) K B Menon (P S P), (*Trithala*) J L P Roche Victoria (Con), (*Tuticorin*) Mounaguruswami Naidu (Con), (*Udamalpet*), P M Munuswamy (Con), (*Uddanapalli*), T Anantha Pai (Con) (*Udipi*), M Kandasamy Padayachi (Con) (*Ulundurpet*), A S Subbaray (Con), (*Uthamapalayam*) Palaniswami (Ind), (*Uthukuli*) V K Ramaswami Mudaliar (Con), (*Uttiramerur*) Chinnaswamy Naidu (Con), (*Vadamadurai*), P Kandasami Goundar (Ind), (*Valappadi*), A K Hanumantharaya Goundar (Ind) (*Vaniyambadi*) V Madangopal (C P I), (*Vedasandur*) A K Masilamani Chetti (Con), (*Vellore*), D M Jagannathan (SC), (Con), (*Vellore (R)*) Govindaswami Nayagar (T N T P), (*Vikravandi*), P Selvaraj (Con) (*Vilathikulam*), Nagarajan (I N I P), (*Villupuram*), A A K Shanmugham (Con), (*Virudhunagar*), Paramasivam (I N I P) (*Vriddachalam*), Kattimuthu (SC), (T N I P), (*Vriddachalam (R)*), Somasundara Goundar (Commonweal), (*Wandiwash*) D Dasarathan (SC), (S C F), (*Wandiwash (R)*), P Jeevanandam (C P I), (*Washermanpet*), Padma Prabha Goundar (P S P), (*Wynad*), Velukkan Chemadi (ST), (P S P), (*Wynad (R)*)

Abbreviations Con —Congress, P S P —Praja Socialist Party, Ind —Independent, S C F —Scheduled Castes Federation, K M P P —Kisan Mazdoor Praja Party, C P I —Communist Party of India, K L P —Krishikar Lok Party, T N T P —Tamil Nad Toilers Party, M M L —Madras Muslim League, F B (M) —Forward Bloc (Marxist) S C —Scheduled Castes, S T —Scheduled Tribes

* Residuary state

ORISSA ASSEMBLY GENERAL ELECTIONS

Population 14,645 946 (1951 final) Electorate 7,708 161 Constituencies 107 (74 SM + 33 DM) Seats 140 (SC 21 ST 28)

Parties	Candidates for Seats				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
	Set up	Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1 Congress	135	135	21	25	5	3	2	62	9	10	67	12	12	1 385 501	15
2 Socialist	79	79	10	9	—	—	—	10	—	2	10	—	2	432 731	39
3 Kisan Mazdoor Praja Party	8	8	2	—	—	—	—	—	—	—	—	—	—	18 689	7
4 Jan Sangh	1	1	—	—	—	—	—	—	—	—	—	—	—	3 126	1
5 Communist Party of India	33	33	8	1	—	—	—	7	1	1	7	1	1	206 939	14
6 Forward Bloc (R)	1	1	—	—	—	—	—	—	—	—	—	—	—	2 779	1
7 Forward Bloc (M)	2	2	—	—	—	—	—	1	—	—	1	—	—	12 874	1
8 Ganatantra Parishad	58	58	8	15	—	—	—	31	5	11	31	5	11	753,755	10
9 Independent People's Party	3	3	1	—	—	—	—	3	1	—	3	1	—	34 566	—
10 Radical Democratic Party	1	1	—	—	—	—	—	—	—	—	—	—	—	1 589	1
11 Adibasi Mahasava	3	3	1	1	—	—	—	—	—	—	—	—	—	8 689	3
12 Independents	198	95	11	9	—	—	—	21	2	2	21	2	2	809 037	129
Total	522	—	—	—	5	3	2	135	18	26	140	21	28	3 670 475	221

The ruling party of the State the Congress was returned to power very much reduced in strength

The Ganatantra Parishad was the main Opposition party in the Assembly with its strength of 31

Among the four of the Independent People's Party were two leading figures Pandit Nilakant Das and Pandit Godavarish Misra

The election showed the hold of the Ganatantra Parishad under the leadership of the Maharaja of Patna in the Bolangir district where it captured all the nine seats to the Assembly and the two seats to the House of People In Kalahandi, a district neighbouring Bolangir it obtained four out of the seven seats The Parishad upset the Congress Party's calculations by capturing seven out of eleven seats in Koraput district

The Congress could not obtain a single seat out of five in Keonjhar district In Phulbani district they secured one out of the four seats The only district where Congress obtained full support was Balasore in which it captured 11 out of the 12 seats The twelfth seat went to a dissident Congressman

The great success achieved by ex Rulers and zamindars or members of their families was a feature of the elections

In all there were fifteen of them, four belonging to the Congress Party three to the Ganatantra Parishad and the rest were returned as Independents In almost all the 15 constituencies they obtained overwhelming majorities

This was stated to be mainly owing to the personalities, who hitherto having remained secluded and unapproachable to the masses went to the electorate personally some ably assisted by their wives and met the electorate in their huts in the villages This approach touched the sentiment of the people

Out of the 140 seats 50 belong to the former States areas Only 14 of these 50 seats went in favour of the Congress and 21 to the Ganatantra Parishad

The Ganatantra Parishad in fact had its main strength drawn from the States areas

Another feature of its composition was that the Scheduled Tribe and Scheduled Caste members were in a majority with 16 out of its total strength of 31

ORISSA LEGISLATIVE ASSEMBLY

Speaker Nanda Kishore Das *Dy Speaker* Mahomed Haneef

Pradhan Makardhwaj (P S P), (*Imbabhona Mura*), Janardhan Bhanj Deo (Ind), (*Anandpur*), Bhaiga Sethi (SC) (Ind) (*Anandpur (R)*), Hurshikesh Tripathy (Con), (*Angul Hindol*) Arkhita Naik (SC), (Con) (*Angul Hindol (R)*), Harihar Das (C P I), (*Aska*), Mohan Naik (SC), (C P I) (*Aska (R)*) Radhanath Rath (Con), (*Athgarh*), Raja Shri Kishore Chandra Deo (Ganatantra Parishad) (*Athmallik*) Bipin Behari Das (Con), (*Attabira*), Raja Sailendra Narayan Bhanja Deo (Ind) (*Aul*), Sunaram Soren (ST), (Con), (*Bahalda (R)*) Surendra Nath Das (Con), (*Balasore*) Jadab Parida (ST) (Con), (*Baliguda (R)*), Pramakrushna Prija (Ind), (*Baliguda*) Indubhusan Mohanty (Ganatantra Parishad) (*Bamra*) Jayadeb Thakur (ST), (Ganatantra Parishad), (*Bamra (R)*), Jadab Majhi (ST), (Con) (*Bangriposi (R)*) Gokulananda Praharaj (P S P), (*Banki*), Godavarish Misra (I P P), (*Banpur*), Gokulananda Mohanty (Con) (*Banth*) Naba Krushna Choudhuri (Con) (*Barchana*) Tirthabasi Pradhan (Con), (*Baragarh*), Girish Chandra Roy (C P I), (*Baripada*) Surendra Singh (SC), (Con), (*Baripada (R)*) Trilochan Senapati (Con), (*Basta*), Gangadhar Paikra (C P I), (*Begunia*), Brundaban Naik (Con), (*Berhampur*) Mohan Nayak (Con), (*Berhampur (R)*) Muhammad Huneef (Con), (*Bhadrak*) Jogesh Chandra Singh Deo (Ganatantra Parishad), (*Bhawanipatna*) Janardhan Majhi (ST) (Ganatantra Parishad) (*Bhawanipatna (R)*) Sasi Kanta Bhanja (Ind) (*Bhograi*) Kanhu Mallick (Con), (*Bhubaneswar*), Satyapriya Mohanty (Con), (*Bhubaneswar (R)*), Baikuntha Nepak (Ganatantra Parishad) (Bonka) Padmanabh Ray (Con), (*Binjarpur*) Naba Kishore Mallik (SC), (Con) (*Binjarpur (R)*) Achutanand Mahakur (Ganatantra Parishad) (*Birmaharajpur*), Madanmohan Amat (ST) (Con), (*Bisra (R)*), Shyamoghono Ulaka (ST) (Ganatantra Parishad), (*Bissemkatak (R)*), Nanda Kishore Misra (Ganatantra Parishad) (*Bolangir*) Achhutananda Mahananda (SC), (Ganatantra Parishad) (*Bolangir (R)*), Nilamani Singh Dandpat (ST) (Ganatantra Parishad) (*Bonai (R)*) Himanshu Shekhar Padhi (Ind) (*Boudh*) Biswanath Parida (Con) (*Brahmagiri*), Guru Charan Naik (ST), (Ganatantra Parishad) (*Champua (R)*) Chakradhar Behera (Con), (*Chandbali*), Brundaban Das (SC), (Con), (*Chandbali (R)*), V Sitaramayya (Con) (*Chatrapur*) Bhairabchandra Mohanty (Con), (*Cuttack (R)*) Laxman Malik (SC), (Con) (*Cuttack (R)*), Biren Mitra (Con) (*Cuttack Town*) Rajabahadur Kishore Chandra Bhanj Deo (Raja of Daspalla) (Con), (*Daspalla*), Nilamoni Routra (Con) (*Dhamanagar*) Paramananda Mohanty (P S P), (*Dharamsala*), Baisnaba Charan Patnaik (C P I), (*Dhenkanal*), Madan Dehury (ST) (C P I) (*Dhenkanal (R)*) Gourishyam Naik (Con) (*Ersama*) Bhagirathi Gumang (ST), (Ganatantra Parishad) (*Gunupur (R)*), Nilamoni Pradhan (Con), (*Jagatsinghpur*) Jharu Jhodia (ST) (Con) (*Jaipatna Kasipur (R)*) Gadadhar Dutta (Con) (*Jajpur*), Santanu Kumar Das (SC) (Con) (*Jajpur (R)*), Karunakar Panigrahi (Con) (*Jaleswar*) Harihar Misra (Ganatantra Parishad) (*Jeypur*) Loichan Naiko (SC) (Ganatantra Parishad) (*Jeypur (R)*) Bijoy Kumar Pani (Con) (*Jharsuguda Rampella*) Manohar Naik (ST) (Ganatantra Parishad) (*Jharsuguda Rampella (R)*) Bijayananda Patnaik (Con) (*J Prasad*) Maharaja Pratap Keshari Deo (Maharaja of Kalahandi) (Ganatantra Parishad) (*Junagarh*) Dayanidhi Naik (SC) (Ganatantra Parishad) (*Junagarh(R)*) Haradhand Hansda (ST), (P S P) (*Kaptipada (R)*) Gonga Mudili (ST) (Ganatantra Parishad) (*Koraput (R)*) Upendra Mohanty (Con), (*Kakatpur Nimapara*) Govinda Chandra Sethy (SC), (Con) (*Kakatpur Nimapara (R)*) Dinabandu Sahu* (Con) (*Kendrapara*) Laxminarayan Bhanj Deo (Ind), (*Keonjhar*), Gobinda Munda (ST) (Ganatantra Parishad) (*Keonjhar (R)*), Rajakrishna Bose* (Con), (*Kesanagar*) Ram Chandra Mardaraj Deo (Ind) (*Khalikote*) Raja Saheb Harihar Singh Mardaraj Bhramarbar Deo (Raja of Khandpara) (Ind) (*Khandpara*)

* Election declared void

Shakila Shoren (ST), (P S P), (*Khunta (R)*), Madhabchandra Rautra (Con), (*Khurda*), Bonomali Maharana (P S P), (*Kudala*), Pradipta Kishore Das (P S P), (*Mahanga*) Lakshman Gondo (Ganatantra Parishad), (*Malkangiri*), Parasanna Kumar Das (P S P) (*Muruda*), Bhogoban Khemundu Naik (Con), (*Nandapur*), Brundaban Sahu (Ganatantra Parishad), (*Narsingpur*), Anup Singh Deo (Con), (*Nawapara*) Chaitan Majhi (ST), (Con), (*Nawapara (R)*), Raja Saheb Krushna Chandra Singh Mandhata (Raja of Nayagarh) (Con), (*Nayagarh*) Nilambar Das (Con), (*Nilgiri*), Chaitanya Sethi (SC), (Con), (*Nilgiri (R)*) Sadasib Tripathy (Con) (*Nowrangpur*), Mudi Naiko (ST), (Con), (*Nowrangpur (R)*), Anirudha Misra (Ind) (*Padampur*) Lall Ranjit Singh Barihs (St), (Con) (*Padampur (R)*), Ganeswar Mahapatra (Ganatantra Parishad (*Padua*) Mahesh Chandra Subahusingh (Con), (*Pal Lahara K Nagar*) Bridhar Naik (SC) (Con) (*Pal Lahara K Nagar (R)*) Biswanath Sahu (P S P) (*Panchpir*) Ghasiram Sandil (SC) (Ind), (*Panchpir (R)*), Jagannath Misra (C P I), (*Parlakimedi*) Appanna Dora Viswasrai (ST), (Ind), (*Parlakimedi (R)*), Lokanath Misra (Con), (*Patkura*) Arjun Das (Ganatantra Parishad), (*Patnagarh*), Ganeshram Barlah (ST), (Ganatantra Parishad), (*Patnagarh (R)*), Dibakar Patnaik (P S P), (*Patrapur*), Kumari Ramraj (Ind), (*Pattamundai*), Govind Pradhan (C P I), (*Pattapur*), Sadananda Sahu (Con) (*Phulbani-Udayagiri*), Balakrishna Mallick (ST) (Ind) (*Phulbani-Udayagiri (R)*), Jayakrishna Mahanty (Con), (*Pipli*), Fakir Charan Das (P S P), (*Puri*), Harihar Das (Con), (*Purusottampur*), Haradev Triya (ST), (Con), (*Rairangpur (R)*), Agapit Lakra (ST), (Con) (*Rajgangpur (R)*), Shrimati Saraswati Dei (Con) (*Rajnagar*) Shrimati Basantamanjuri Debi (Con), (*Rampur*), Madangi Kamayya (ST), (Con), (*Rayagada (R)*), Deenabandhu Behera (Con) (*Rossulkonda*) Surendranath Patnaik (Con) (*Salepur*) Purnanda Samal (SC), (Con), (*Salepur (R)*) Sradha kar Supakar (Ganatantra Parishad), (*Sambalpur-Rairakhol*), Bhikari Ghasi (SC), (Ganatantra Parishad), (*Sambalpur Rairakhol (R)*), Nilakantha Das (I P P) (*Satyabadi*), Bhikari Sahu (Con), (*Sohella*), Bisi Bibhar (SC), (Con), (*Sohella (R)*), Anantha Ram Nanda (Ganatantra Parishad), (*Sonepur*) Nanda Kishore Das (Con), (*Soro*), Krupanidhi Naik (Con) (*Sundargarh*), Dwarikanath Kusum (SC), (Ganatantra Parishad), (*Sundargarh (R)*) Narayan Chandra Patil (P S P), (*Sukinda*), Pabitramohan Pradhan (Con), (*Talchar*) Nishamoni Khuntia (P S P), (*Tirtol*) Muralidhar Panda (Ganatantra Parishad), (*Titlagarh*), Rameshchandra Bhoi (ST), (Ganatantra Parishad), (*Titlagarh (R)*), Pattu Molikо (St) (Con), (*Udayagiri Mohana (R)*)

Abbreviations Con—Congress, P S P—Praja Socialist Party, Ind—Independent, C P I—Communist Party of India, F B (M)—Forward Bloc (Marxist) I P P—Independent Peoples Party S T—Scheduled Tribe S C—Scheduled Caste

PUNJAB LEGISLATIVE COUNCIL*

Chairman Sardar Kapoor Singh *Deputy Chairman* Miss V G Bhan *Assistant Secretary* Sardar Narinder Singh Malhotra

Sardar Partap Singh Kairon (*Assembly*) Chaudhri Lehri Singh (*Assembly*) Sardar Ujjal Singh (*Assembly*), Jagat Narain (*Assembly*) Chaudhri Sundar Singh (*Assembly*) Sardar Gurbachan Singh Bajwa (*Assembly*) S M Sikri (*Advocate General*) A C Bali (*Assembly*), Amar Nath (*Local Authorities*) Balwant Rai Ahluwalia (*Assembly*), Bashirud Din (*Nominated*), Chaman Lal (*Teachers*) Champa Mangat Rai (*Graduates*) Darbari Lal Gupta (*Local Authorities*), Dr Dina Nath Saggar (*Local Authorities*) Sardar Gulab Singh (*Assembly*), Sardar Gurbakhsh Singh (*Local Authorities*), Hans Raj Kapur (*Assembly*), Bhai Jodh Singh (*Graduates*), Sardar Kartar Singh (*Assembly*), Kishori Lal Sethi (*Assembly*), Krishan Chander (*Local Authorities*), Rao Lal Singh (*Local Authorities*), Madho Ram (*Assembly*), Mohan Lal (*Local Authorities*), Mohan Lal (*Nominated*), Mul Raj Sharma (*Nominated*), Sardar Naginder Singh (*Local Authorities*), Narain Singh (*Local Authorities*), Puran Chand Azad (*Local Authorities*), Pandit Ram Dhan Sharma (*Nominated*), Sardar Ram Dayal Singh (*Local Authorities*), Ram Krishna Bakhshi (*Local Authorities*), Chaudhri Sahib Ram (*Assembly*) Sardar Sahib Singh (*Assembly*), Sardar S G Thakar Singh (*Nominated*), Sardar Sohan Singh Josh (*Assembly*) Suraj Bhan (*Graduates*), Chaudhri Suraj Mal (*Local Authorities*) Dr Surya Kanta (*Nominated*) Chaudhri Ude Singh (*Teachers*), Bhai Vir Singh (*Nominated*), Sarda Waryam Singh (*Teachers*) Yashpal (*Assembly*)

* The following members were due to retire on April 26 1954 A C Bali, Balwant Rai Ahluwalia Mrs Champa Mangat Rai, Hans Raj Kapur, Rao Lal Singh, Dr Madho Ram Sharma, Mul Raj Sharma Puran Chand Azad, Ram Krishna Bakhshi, Sardar Sahib Singh, Sardar S G Thakar Singh, Chandhri Suraj Mal, Sardar Waryam Singh

The following were elected at the time of going to press

A C Bali, Sardar Gurcharan Singh, Hans Raj Kapur, Sardar Harinder Singh, Hari Singh Chaudhri Kartar Singh Rao Mohan Singh, Premsukh Das, Ram Chandra, Sardar Teja Singh Namdhari Birendra Singh

PUNJAB ASSEMBLY GENERAL ELECTIONS

Population 12 641,205 (1951 final) Electorate 6,718,345 Constituencies 105 (84 SM, 21 DM) Seats 126 (SC 21)

	Parties	Candidates for Seats			Uncontested Gains		Contested Wins		Elected		Valid Votes Polled	Forfeited Deposit
		Set up	Total	SC	Total	SC	Total	SC	Total	SC		
1	Congress	123	123	19	1	—	96	14	97	14	1,862,879	4
2	Socialist	68	68	12	—	—	1	1	1	1	248,461	61
3	Kisan Mazdoor Praja Party	11	11	3	—	—	—	—	—	—	31,203	10
4	Jan Sangh	68	68	8	—	—	—	—	—	—	291,287	45
5	Communist Party of India	32	32	6	—	—	4	1	4	1	221,119	17
6	Scheduled Castes Federation	30	30	14	—	—	—	—	—	—	150,992	22
7	Hindu Mahasabha	4	4	1	—	—	—	—	—	—	6,125	4
8	Ram Rajya Parishad	4	4	—	—	—	—	—	—	—	9,913	3
9	Forward Bloc (M)	36	38	5	—	—	2	—	2	—	114,073	32
10	Forward Bloc (R)	3	3	—	—	—	—	—	—	—	1,804	3
11	Akali Party	62	62	14	—	—	14	5	14	5	663,701	19
12	Other Parties*	75	75	13	—	—	4	—	4	—	564,594	37
13	Independents	321	116	19	—	—	4	—	4	—	808,083	293
	Total	837	—	—	1	—	125	21	126	21	4,974,234	550

The elections in the Punjab provided many surprises, of which the major one was the exit of Dr Gopichand Bhargava, the dominant figure in the State s turbulent politics since partition in 1947

Another surprise was the failure of the Jan Sangh with 68 candidates to secure a single seat in the State, where it took its first organisational shape and where it was considered to be very strong

The elections also marked the total eclipse of the Socialist Party, the Scheduled Castes Federation and the Depressed Classes League, a provincial party led by the former Punjab Minister, Mr Prithvi Singh Azad

Elections were held for 125 seats as one seat had been won by the Congress earlier without opposition

The Congress got 38 25 per cent of the 4,974,234 votes polled in the State Assembly elections

The Independents polled 20 18 per cent of the votes

The Akalis, who with their slogan of a Punjabi speaking province once looked formidable, secured 13 3 per cent of the votes polled

Their leader, Sardar Umrao Singh, lost to the State Congress chief, Sardar Pratap Singh Kairon, from an Amritsar constituency on the Indo Pakistani border but only by a margin of a little over 1,000 votes

The Socialist Party got 4 2 per cent of the votes

With only 5 per cent more votes, the Communists won four seats with 17 forfeitures Three of their successful candidates were detenus and the fourth was on parole

The other Leftists were the Lal Communists and the Forward Bloc, who got two seats each with 18 and 36 candidates, respectively

The Forward Bloc got 1 43 per cent of the votes The other Leftists combined polled 1 1 per cent of the votes

The Jan Sangh polled 5 33 per cent of the votes

The Zamindara League got two seats of the 32 contested Its leaders, Chaudhri Suraj Mal and Chaudhri Tika Ram, the last mentioned of whom was Revenue Minister in undivided Punjab, however, lost in the fight The League secured 7 74 per cent of the votes cast

The All-India Scheduled Castes Federation polled 2 6 per cent of the votes

The Depressed Classes League polled 9 per cent of the votes

Other parties in the field were the Refugee Board and the Krishikar Lok Party which had put up one candidate each Their combined votes formed only 22 per cent of the total cast

* Punjab Zamindara League put up 32 candidates, won 2 seats, polled 383,126 votes, forfeited 5 deposits Lal Communist Party put up 18 candidates, won 2 seats, polled 94,992 votes, forfeited 11 deposits Depressed Classes League put up 17 candidates, did not win any seats, polled 75,078 votes, forfeited 13 deposits Bharat Lok Congress put up 8 candidates, did not win any seats, polled 11,398 votes, forfeited 8 deposits

PUNJAB LEGISLATIVE ASSEMBLY

Speaker Sardar Gurdial Singh Dhillon *Dy Speaker* Swarup Singh *Secretary* Dr Kuldip Chand Bedi

Chandi Ram (Con), (*Abohar*) Mota Singh (Con), (*Adampur*), Master Gurbanta Singh (SC), (Con), (*Adampur (R)*), Achhar Singh (C P I), (*Ainala*), Khushi Ram (Con), (*Amb*), Abdul Ghaffar Khan (Con), (*Ambala City*), Dev Raj Anand (Con), (*Ambala Cantt*) Waryam Singh (Con), (*Amritsar Sadar*), Khem Singh (SC), (Con), (*Amritsar Sadar (R)*), Amir Chand Gupta (Con), (*Amritsar City Central*), Sardar Saroop Singh (Akali), (*Amritsar City East*), Vacant (*Amritsar City North*), Shrimati Shanno Devi (Con), (*Amritsar City West*) Hari Chand (F B (M)), (*Anandpur*) Kasturi Lal (Con), (*Asandh*), Bachan Singh (Lal Communist), (*Bagha Purana*), Siri Chand (P Z L) (*Baha durgarh*), Baloo Ram (Con), (*Balachaur*), Kidar Nath Sehgal (Con), (*Ballabgarh*), Sardar Gurbachan Singh (Con) (*Batala*), Sohan Singh (Con), (*Beas*) Ram Kumar (Con) (*Bhiwani*), Mam Raj (SC), (Con), (*Bhiwani (R)*), Ram Sarup (Con), (*Butana*), Phaggu Ram (SC), (Con), (*Butana (R)*) Jagat Narain (Con), (*Chandigarh*), Ram Dayal Vaid (Con), (*Dabwali*), Hari Singh (Con), (*Dasuya*), Sardar Nazir Singh (Akali), (*Delhon*), Joginder Singh (Con), (*Dera Baba Nanak*), Hari Ram (Con), (*Dharamsala*) Mani Ram (P S) (*Fatehabad*), Balu, (P S) (SC) (*Fatehabad (R)*), Wadhawa Ram (Lal Communist), (*Faridka*) Harnam Singh (Con) (*Ferozepore*), Mohammed Yasin Khan (Con) (*Ferozepur Jhirka*), Chaudhri Lahri Singh (Con), (*Ganaur*), Harbhajan Singh (Con), (*Garhshankar*), Kartar Singh (SC), (Con), (*Garhshankar (R)*) Samar Singh (Con), (*Gharaunda*) Nanhu Ram (Con), (*Gohana*), Mam Chand (SC), (Con) (*Gohana (R)*), Prabodh Chandra (Con), (*Gurdaspur*), Chaudhri Sundar Singh (SC), (Con), (*Gurdaspur (R)*), Gajraj Singh (Con), (*Gurgaon*), Pratap Singh (Ind), (*Guruharsahai*), Daulat Ram (Con), (*Hamirpur*), Mehar Singh (SC), (Con), (*Hamirpur (R)*) Lajpat Rai (Con), (*Hansi*) Thakur Mehar Singh (Con), (*Haripur*) Dharam Vir (Con), (*Hassan pur*), Balwant Rai (Con), (*Hissar City*), Capt Ranjit Singh (Con) (*Hissar Sadar*), Jagat Ram (Con) (*Hoshiarpur*) Guran Dass (SC) (Con) (*Hoshiarpur (R)*), Dev Datt (Con), (*Jagadhri*) Sardar Iqbal Singh (Akali) (*Jagraon*), Gopal Singh (SC), (Akali) (*Jagraon (R)*) Gurdial Singh (Con) (*Jhabal*) Sher Singh (Con), (*Jhajjar*), Chand Ram (SC) (Con), (*Jhajjar (R)*) Ram Kishan (Con) (*Jullundur City (North West)*) Shrimati Sita Devi (Con), (*Jullundur City (South-East)*), Daulat Ram (Con), (*Kaithal*), Chaudhri Badlu Ram (Con) (*Kalanaur*), Master Nand Lal (Con), (*Karnal*) Gurdial Singh (Con) (*Kartar pur*), Balwant Singh (Con), (*Khalra*), Teg Ram (Con) (*Khuian Sarwar*), Sardar Puran Singh (Akali), (*Kot Bhai*), Sardar Bhag Singh (SC), (Akali), (*Kot Bhai (R)*), Lal Chand (F B (M)) (*Kulu*) Jagdish Chandra (Con), (*Ludhiana City North*), Bhim Sen Sachar (Con) (*Ludhiana City South*) Sardar Shamsher Singh (Akali) (*Ludhia na Sadar*) Partap Singh (Ind), (*Mallanwala*), Nidhan Singh (C P I), (*Mehna*), Sardar Devinder Singh (Akali), (*Moga Dharamkot*) Sardar Mukhtar Singh (SC) (Akali), (*Moga Dharamkot (R)*), Rattan Amol Singh (Con), (*Molana*), Ram Parkash (SC), (P S P), (*Molana (R)*), Rala Ram (Con), (*Mukerian*) Sardar Bhag Singh Akali), (*Muktsar*) Sardar Harkishan Singh, Surjit (C P I), (*Nakodar*) Sant Ram (SC) (Con), (*Nakodar (R)*), Sadhu Ram (Con), (*Naraingarh*) Sarup Singh (Con), (*Narnaund*), Gorakh Nath (Con), (*Narot Jaimal Singh*), Gurbachan Singh (Con), (*Nawanshahr*) Bishna (SC), (Con), (*Nowanshah (R)*), Abdul Ghani (Con) (*Nuh*), Darbara Singh (Con) (*Nurmahal*) Ram Chandra Comrade (Con) (*Nurpur*) Kanhaya Lal (Con), (*Polampur*) Gurdatt Singh (Con), (*Palwal*), Chaudhri Krishna Gopal Datt (Con), (*Panipat*), Kesho Dass (Ind) (*Pathankot*), Partap Singh (Con), (*Patti*) Niranjan Dass (Con) (*Phillaur*) Gopi Chand (Con) (*Pundri*) Razaq Ram (Con), (*Rai*) Shrimati Parkash Kaur (Con) (*Ram Dass*), Sardar Shiv Singh (Con) (*Rania*) Abhai Singh (Con) (*Rewari*) Chuni Lal (SC), (Con) (*Rewari (R)*) Dev Raj Sethi (Con), (*Rohtak City*), Rajinder Singh (Con) (*Rupar*), Sardar Pratap Singh (SC), (Akali), (*Rupar (R)*), Mool Chand (Con) (*Sambhalka*), Maru Singh (P Z L), (*Sampla*) Sardar Ajmer Singh (Akali), (*Samrala*), Sardar Naurang Singh (SC), (Akali), (*Samrala (R)*), Sardar Gurmej Singh (Con), (*Serah*) Raghuvir Singh (Ind), (*Seraj*), Devi Lal (Con), (*Sirsa*), Chaudhri Jagdish Chander (Con), (*Shahabad*), Som Datt (Con), (*Simla*), Babu Dayal (Con), (*Sohna*) Shri Ram Sharma (Con), (*Sonepat*), Uttam Singh (Con) (*Sri gobindpur*), Partap Singh (Con) (*Sujanpur*) Chanan Singh (C P I) (*Tanda*) Mohan Singh (Con), (*Tarn Taran*) Darshan Singh (SC), (C P I), (*Tarn Taran (R)*), Banarsi Dass (Con), (*Thanesar*) Mansa Ram (Con), (*Una*)

Abbreviations C P I—Communist Party of India, Con—Congress P Z L—Punjab Zamindara League, Ind—Independent P S P—Praja Socialist Party F B(M)—Forward Bloc (Marxist), S T—Scheduled Tribe, SC—Scheduled Caste

UTTAR PRADESH LEGISLATIVE COUNCIL*

(An estimate of party strength is as follows Congress 51, Independents 15, Socialists 2)

Chairman Chandra Bhal *Dy Chairman* Nizam Uddin *Secretary* K B Saksena

Elected by Legislative Assembly

Badri Prasad Kacker, Balak Ram Vaish, Bashir Ahmad, Chandra Bhal, Kunwar Guru Narain, Kedar Nath Khetan, Khushal Singh, Krishna Chandra Joshi, Lalta Prasad Sonakar, Kunwar Mahabir Singh, Pratap Chandra Azad Puran Chand Vidyalankar, Ram Narain Pande, Ram Nandan Singh, Ram Lagan Singh, Rukhuddin Khan, Satyapremi *alias* Hari Prasad, Srimati Shanti Devi Agarwari, Shrimati Shanti Devi Rana Shiv Amber Singh, M J Mukerjea Srimati Shoraj Vati Nehru, Shyam Sunder Lal, Vishwa Nath

UP West Graduates

Brijendra Swarup, Ishwari Prasad, Beni Prasad Tandon

UP East Graduates

Shiva Prasad Sinha, Govind Sahai, Nirmal Chandra Chaturvedi

UP West Teachers

Piare Lal Srivastava, Kanhaiya Lal Gupta, Shanti Swarup Agarwala

U.P East Teachers

Shiva Kumar Lal Srivastava, Hirdaya Narain Singh, Balbhadra Prasad Vajpai

North-West Local Authorities

Jyoti Prasad Gupta, Ichu Ram, Deep Chandra, Mahmood Aslam Khan

North-East Local Authorities

Indra Singh Nayal, Shiv Sumeran Lal Johri, Babu Abdul Majid, Ram Lakhan

West Local Authorities

Prem Chandra Sharma (Hakim) Brij Lal Varman, Abdul Shakoor Najmi, Jagdish Chandra Verma

Central Local Authorities

Jamilur Rahman Kidwai Lal Suresh Singh, Ram Kishore Rastogi Bansidhar Shukla

South Local Authorities

Lallu Ram Dwivadi, Prasidh Narain Anad, Panna Lal Gupta, Narottam Das Tandon

East Local Authorities

Jagannath Acharya, Parmatma Nand Singh, Nizamuddin, Prabhu Narain Singh

Nominated

Ambika Prasad Bajpai Sabhapati Upadhyaya, Har Govind Misra, Maulana Mohammad Nasir Hayatullah Ansari Dr Bir Bhan Bhatia, Rai Uma Nath Bali, Maharajkumar Dr Vijay of Vizianagram Srimati Tara Agarwal, Srimati Mahadevi Verma, Rai Bajrang Bahadur Singh of Bhadri, Sardar Santokh Singh

UTTAR PRADESH ASSEMBLY GENERAL ELECTIONS

Population 63,215,742 (1951 final) Electorate 31,783,828 Constituencies 347 (264 SM 83 DM) Seats 430 (SC 83)

	Parties	Candidates			Uncontested Gains		Contested Wins		Elected		Valid Votes Polled	Forfeited Deposit
			For Seats									
		Set up	Total	SC	Total	SC	Total	SC	Total	SC		
1	Congress	429	429	83	—	—	390	82	390	82	8,023,385	1
2	Socialist	351	351	55	—	—	19	—	19	—	2,018,861	235
3	Kisan Mazdoor Praja Party	264	265	47	—	—	1	—	1	—	952,776	230
4	Jan Sangh	209	209	29	—	—	2	—	2	—	1,078,216	150
5	Communist Party of India	43	43	6	—	—	—	—	—	—	155,869	39
6.	Scheduled Castes Federation	32	32	27	—	—	—	—	—	—	258,590	19
7.	Hindu Mahasabha	62	62	7	—	—	1	—	1	—	236,734	52
8	Ram Rajya Parishad	95	95	5	—	—	—	—	—	—	290,524	81
9	Revolutionary Socialist Party	25	25	4	—	—	—	—	—	—	60,823	24
10	Forward Bloc (R)	1	1	—	—	—	—	—	—	—	505	1
11.	Bolshevik Party	2	2	—	—	—	—	—	—	—	1,258	2
12.	Revolutionary Communist	1	1	—	—	—	—	—	—	—	289	1
13	U P Revolutionary Socialist	27	27	4	—	—	1	—	1	—	79,748	24
14	U P Praja Party	58	58	9	—	—	2	—	2	—	313,787	38
15.	Independents	989	375	55	—	—	14	1	14	1	3,319,774	866
	Total	2,588	—	—	—	—	430	83	430	83	16,791,139	1,763

* About a third of the members were due to retire in April 1954 But the names had not reached us when the book went to press

Congress seceders and the Socialists did not do well while Independents did not fare any better

The parties wedded to the extreme Right - the Jan Sangh, the Hindu Mahasabha, the Ram Rajya Parishad and the U P Rajya Party (zamindars) – also were trounced and the Communists and the K M P P completely routed

The defeat of Acharya Narendra Dev the Socialist leader and Mr Triloki Singh of the Opposition in the former Assembly, was the biggest surprise of the elections

The Congress which contested 429 seats for the 430 member State Legislative Assembly (the nomination paper of its candidate for the remaining one seat having been rejected), got 49 per cent of the votes polled

Of the 39 seats conceded by the Congress, 19 went to the Socialists who secured 11 71 per cent of the votes cast two went to the Jan Sangh, which secured 0 5 per cent, one went to the K M P P which secured five per cent one to the Hindu Mahasabha which secured 1 2 per cent two to the U P Praja Party (the State Party of zamindars), which got 2 1 per cent, one to the U P Revolutionary Socialist Party which polled less than one per cent and 14 seats to Independent candidates who secured 19 5 per cent of the total votes cast

Among the Independents were 282 dissident Congressmen who sought election in defiance of their Party's mandate, but none of them could secure the verdict of the electorate in his favour

The Communists the Revolutionary Socialist Party (official group), the Bolsheviks, the Forward Bloc (Ruikar Group), the Scheduled Castes Federation and the Ram Rajya Parishad did not get a single seat though among themselves, they polled five per cent of the votes cast

Although handicapped by the absence of their leader Acharya Narendra Dev and their sitting M L A Raja Ram Shastri both of whom lost after a tough fight the Socialists formed the main opposition in the Assembly They had the satisfaction of having defeated the State I N I U C chief, Mr K N Pande who was the only prominent Congressman to lose

Uttar Pradesh was probably the only State which returned all the Ministers Parliamentary Secretaries and other prominent Congress leaders with a large majority

The Himalayan districts did not vote solidly with the Congress Of the 16 seats which these districts have three went to Independents and two to the Socialists Economically, these districts are some of the poorest and, socially, among the most backward All the three seats in the Tehri Garhwal District went to Independents

All the Muslim candidates set up by the Congress were returned to the Assembly including two women candidates None of the Muslims set up by Opposition parties, except Mr Nihaluddin (Socialist) sitting M L A, and Raja Saadat Ali Khan of Nanpara (Independent) succeeded

Only 37 women entered the contest, though they form 47 per cent of the electorate Eleven of them all Congress nominees including one from a reserved seat, got elected

An appreciable portion of the total election expenses in Uttar Pradesh was expected to be realised from the deposits forfeited amounting roughly to over Rs 3 50 000

UTTAR PRADESH LEGISLATIVE ASSEMBLY

Speaker A G Kher *Dy Speaker* Har Govind Pant *Secretary* K C Bhatnagar *Asstt Secy* R R Saksena *Officer on Spl Duty* Ram Prakash

Deoki Nandan Vishav (Con) (*Agra*) Baboo Lal Mittal (Con) (*Agra City (North)*) C V Mahajan (Con) (*Agra City (West)*) Ram Naram Tripathi (P S P) (*Akbarpur (East)*) Ram Dularey Misra (Con) (*Akbarpur (South)*) Jai Ram Varma (Con) (*Akbarpur (West)*) Ram Dass (SC) (Con) (*Akbarpur (West) (R)*) Mohan Singh Shakya (Ind (*Aligarh (South)*) Kalyan Chand Mohile alias Chhunnan Guru (P S P) (*Allahabad City (Central)*) Umesh Prasad Tuswal (Con) (*Allahabad City (East)*) Phupal Singh Khati (Con) (*Almora (North)*) Govind Ballabh Pant (Con) (*Almora (South)*) Ranganjai Singh (Ind) (*Amethi (Central)*) Khub Ram (Con) (*Amroha (East)*), Mohd Taqi Hadi (Con) (*Amroha (West)*) Deen Dayal Sharma (Con), (*Anupshahr (North)*) Nathoo Singh (Con) (*Aonla (East) cum Faridpur*), Sunder Lal (SC) (Con) (*Aonla (East) cum Faridpur (R)*) Nawal Kishore (Con) (*Aonla West*) Shri Niwas (Con), (*Atrauli (North)*) Ram Ram (Con) (*Atrauli (South) cum Koil (Lal)*) Satya Narain (Con), (*Auraiya cum Bharthana (South)*) Tula Ram (SC) (Con), (*Auraiya cum Bharthana (South) (R)*) Ram Sanehi Bhartiya (Con) (*Baberu (West)*) Harkhayal Singh (Con), (*Baghpat (East)*) Raghubir Singh (Con) (*Baghpat (South)*) Charan Singh (Con) (*Baghpat (West)*) Shambhu Nath Chaturvedi (Con), (*Bah*)) Ram Murti (Con) (*Baheri (North East)*) Dharam Dutt Vaidya (Con) (*Baheri (South West) cum Bareilly (West)*) Sheo Saran Lal Shrivastava (Con) (*Bahraich (East)*), Raj Kishore Rao (SC) (Con), (*Bahraich (East) (R)*) Triloki Nath Kaul (Con) (*Bahraich (West)*) Jamna Prasad (SC) (Con) (*Bahraich (West) (R)*) Ram Anant Pandey (Con), (*Ballia (Central)*) Radha Mohan Singh (Con) (*Ballia (East)*), Jagannath Singh (Con), (*Ballia (North East) cum Bansdih (South-West)*) Baldeva Singh (Con), (*Banaras (Central)*) Lal Bahadur Singh (Con), (*Banaras (North)*), Raj Narain (P S P) (*Banaras (South)*), Deo Murti Sharma* (Con), (*Banaras (West)*) Sheikh Mohd Abdul Samad (Con) (*Banaras City (North)*) Sampurnanand (Con) (*Banaras City (South)*), Pahalwan Singh (Con) (*Banda*) Baijnath Prasad Singh (Ind), (*Bansdih (Central)*), Sheo mangal Singh (Con) (*Bansdih (East)*) Keshbhan Raj (Con) (*Bansgaon (Central)*) Bhagwati Prasad Dubey (Con) (*Bansgaon (East) cum Gorakhpur (South)*) Bhrigunath Chaturvedi (Con), (*Bansgaon (South East)*) Ganesh Prasad Pande (Con) (*Bansgaon (South West)*), Shrimati Jasoda Devi (SC) (Con) (*Bansgaon (South West (R)*), Mathura Prasad Pandey (Con) (*Bansi (North)*) Puddan Ram (SC) (Con) (*Bansi (North) (R)*), Ram Kumar Shastri (Con) (*Bansi (South)*), Shrimati Safia Abdul Wajid (Con) (*Bareilly (East)*), Pandit Govind Ballabh Pant (Con) (*Bareilly Municipality*) Ram Charan Lal Gangwar (Con) (*Bareilly (West)*) Anand Singh (Con) (*Basti (East)*) Prabhu Dayal (Con), (*Basti (West)*) Ram Lal (SC) (Con) (*Basti (West) (R)*) Ram Swarup Gupta (Con) (*Bhagalpur (West) cum Deraprr (South)*) Gajendra Singh (P S P) (*Budhana (East)*), Maharban Singh (Con) (*Budhana (West cum Bharthana (North) cum Etawah (North)*) Ghasi Ram Jatav (SC) (Con) (*Budhana (West) cum Bharthana (North) cum Etawah (North) (R)*) Shrimati Chandrawati (Con) (*Bijnor (Central)*) Mohd Abdul Latef (Con) (*Bijnor (North) Najibabad (West)*) S K Sharma (Con) (*Bijnor (South) cum Dhampur (South West)*) Brij Bas Lal (Con) (*Bilapur (Central)*) Avadhesh Pratap Singh (U F), (*Bilapur (East)*) Ram Harsh Yadav (Con) (*Bilapur (West)*) Har Sahai Gupta (Con) (*Bilari*) Mahi Lal (SC) (Con) (*Bilari (R)*) Radha Krishna Agarwal (Con) (*Bilgram (East)*) Virendra Nath Misra (Con) (*Bilgram (West)*) Shrimati Brij Rani Misra (Con) (*Bilhaur cum Akbarpur*) Murli Dhar Kuril (SC) (Con) (*Bilhaur cum Akbarpur (R)*) Hari Prasad (P S P) (*Bisalpur (Central)*) Sheo Raj Singh Yadav (Con), (*Bisauli cum Gunnaur (East)*) Chunni Lal Sagar (SC) (Con) (*Bisauli cum Gunnaur (East) (R)*) Suresh Prakash Singh (U F) (*Biswan cum Sidauli (East)*) Munnu Lal (SC) (Con), (*Biswan cum Sidauli (East) (R)*) Sri Niwas Pandit (Ind) (*Budaun (North)*) Fulsi Ram (Con) (*Budaun (South West)*) Mohammad Nabi (Con) (*Budhana (East) cum Jansath (South)*) Ram Das Arya (SC) (Con) (*Budhana (East) cum Jansath (South) (R)*) Shri Chand (Con) (*Budhana (West)*) Banarsi Dass (Con) (*Bulandshahr (Central)*), Mohan Singh (Ind), (*Bulandshahr (North East)*), Irtiza Hussain (Con) (*Bulandshar (North West)*) Deo Datta Sharma (Con), (*Bulandshahr (South) cum Anupshahr (South)*), Dharam Singh (SC) (Con) (*Bulandshahr (South) cum Anupshahr (South (R)*) Muzaffar Hasan (Con), (*Chail (North)*) Kamalapati Tripathi (Con), (*Chakia cum Chandauli (South East)*), Ram Lakhan (SC), (Con), (*Chakia-cum Chandauli (South East) (R)*), Shanti Prapanu Sharma (Con), (*Chakrata-cum Western Doon (North)*), Gangadhar (P S P) (*Chamoli (West) cum Pauri (North)*) Kamta Prasad Vidyarthi (Con) (*Chandauli (North)*) Uma Shankar Tewari (Con) (*Chandauli (South West) cum Ramnagar*) Ram Hetsingh (Con) (*Chhata*) Avdhesh Chandra Singh (Con), (*Chhibramau (East) cum Tirrukhabad (East)*) Pati Ram (SC) (Con), (*Chhibramau (East) cum Tirrukhabad (East) (R)*) Chiranji Lal Paliwal (Con) (*Chhibramau (South) cum Kannauj (South)*) Raj Kumar Sharma (Con), (*Chunar (North)*) Raj Narain Singh (Con), (*Chunar (South)*) Udai Bhan Singh (Con) (*Dalmau (East)*) Gajtar Singh (Con) (*Dalmau (South West)*) Onkar Singh (U F) (*Dataganj (North)*) Nirottam Singh (Con) (*Dataganj (South) cum Budaun (South East)*) Phool Singh (Con) (*Deoband*) Hardeva Singh (SC) (Con), (*Deoband (R)*) Satya Singh Rana (U F) (*Deoprayag*) Muhammad Farooq Chisti (Con) (*Deoria (North East)*) Rameshwar Lal (*Deoria (South)*) Ram Ji Sahu (Con) (*Deoria (South West cum Hata) (South West)*) Sita Ram (SC) (Con) (*Deoria (South West) cum Hata (South West) (R)*) Shiv Ram Pandey (Con) (*Derapur (North)*), Khub Singh (Con) (*Dhampur (North East cum Nagina (East)*) Girdhari Lal (SC) (Con) (*Dhampur (North East cum Nagina (East) (R)*) Mohd Sulemun Adhami (Con) (*Domariaganj (North East) cum Basti (West)*) Ram Lakhan Misra (Con) (*Domariaganj (North-West)*) Mohd Adil Abbasi (Con) (*Domariaganj (South)*) Sheo Mangal Singh Kapoor (Con), (*Domariaganj (West)*) Brij Bhushan Misra (Con), (*Dudhi cum Robertganj*), Ram Swarup (SC) (Con), (*Dudhi cum-Robertganj (R)*), Shrimati Vidyawati Rathor (Con), (*Etah (East) cum Aliganj (West) cum Kasganj (South)*) Hoti Lal Dass (Con), (*Etah (South)*) Gopi Nath Dikshit (Con) (*Etawah (South)*) Ulfat Singh Chauhan (Con) (*Etmadpur cum-Agra (East)*), Puttu Lal (SC) (Con) (*Etmadpur cum Agra (East) (R)*) Madan Gopal Vaidya (Con), (*Farzabad (East)*) Niram Das (SC), (Con), (*Farzabad (East) (R)*) Raja Ram Misra (Con), (*Farzabad (West)*) Sita Ram Gangwar (Con), (*Farrukhabad (Central) cum Kaimaganj (East)*) Mathura Prasad Tripathi (Con) (*Farrukhabad (West) cum Chibramau*), Abdul Rauf Khan (Con), (*Fatehpur (East) cum Khaga (North)*) Avadh Saran Varma *alias* Lallaji (P S P), (*Fatehpur (North)*), Bhagwati Prasad Shukla (Con), (*Fatehpur (South)*) Anant Swarup Singh (Con), (*Fatehpur (South)-cum-Khaga (South)*), Bhagwan Din Balmiki (SC) (*Fatehpur (South)-cum Khaga (South) (R)*), Israrul Haq (Con), (*Firozabad cum Fatehabad*),

* Has resigned from Congress

Ganga Dhan Jatav (SC), (Con), (*Firozabad cum Fatehabad (R)*), Ram Sahai Sharma (Con), (*Garotha cum Moth(North)*) Brij Behari Mehrotra (Con) (*Ghatampur cum Bhogulpur (East)*) Dayal Das Bhagat (SC) (Con), (*Ghatampur cum Bhogulpur (East) (R)*) Vichitra Narain Sharma (Con), (*Ghaziabad (North East)*), Teja Singh (Con) (*Ghaziabad (North West)*), Balbir Singh (Con) (*Ghazibad (South)*), Yamuna Singh (Con), (*Ghazipur (Central) cum Mohammadabad (North West)*) vacant (*Ghazipur (South East)*) Bhola Singh Yadav (P S P), (*Ghazipur (South West)*), Bishwanath Singh Gautam (Con) (*Ghazipur (West)*) Ram Sunder Pandu (P S P) *Ghosi (East)*), Jharkhande Rai (U P R S P) *Ghosi (West)*), Shrimati Sajjan Devi Mahnot Con), (*Gonda (East)*), Jwalaprasad Sinha (U F) (*Gonda (West)*) Istafa Hussain (Con) (*Gorakhpur (Central)*), Keshav Pandey (Con) (*Gorakhpur (North (East)*), Mahadev Prasad (SC) (Con) (*Gorakhpur (North East) (R)*) Achhaiber Singh (Con), (*Gorakhpur (South East)*), Devendra Pratap Narain Singh (Con), (*Gorakhpur (West)*), Karan Singh Yadav (Con), (*Gunnaur (North)*) Bechan Ram Gupta (Con), (*Gyanpur (East)*) Bans Narain Singh (Con) (*Gyanpur (North) West)*) Bechan Ram (SC) (Con) (*Gyanpur (North West) (R)*) Surendra Dutt Bajpai (Con), (*Hamirpur cum Maudaha (North)*) Mahabir Prasad Shukla (Con) (*Handia (South)*) Shrimati Prakashvati Sud (Con) (*Hapur (North)*) Hari Singh (SC) (Con), (*Hapur (North) (R)*) Lutf Ali Khan (Con) (*Hapur (South)*) Vir Sen (SC) (Con) (*Hapur (South) (R)*) Chandra Has (Con), (*Hardoi (East)*), Kinder Lal (SC), (Con) (*Hardoi (East) (R)*) Kripa Shankar (Con) (*Harraiya (East) cum Basti (West)*) Sheo Narain (SC) (Con) (*Harraiya (East) cum Basti (West) (R)*) Prabhakar Shukla (Con) (*Harraiya (North West)*) Sita Ram Shukla (Con) (*Harraiya (South West)*) Latafat Husain (Con) (*Hasanpur (North)*) Jagdish Prasad (Con) (*Hasanpur (South) cum Sambal (West)*) Surya Bali Pandey (Con) (*Hata (Central)*) Sheo Prasad (SC) (Con) (*Hata (Central) (R)*) Mahabir Singh (Con), (*Hata North*) Nand Kumar Deo Vashist (Con), (*Hathras*) Har Dayal Singh Pippal (SC) (Con) (*Hathras (R)*) Kalyan Rai (Con) (*Hazur cum Milak (North)*) Sheodan Singh (Con), (*Iglas*) Ram Ghulam Singh (Con), (*Jalalabad (West)*) Sahdeo Singh (Con) (*Jalesar cum Etah (North)*) Chiranji Lal Jatav (SC) (Con) (*Jalesar cum Etah (North) (R)*) Vishnu Dayal Verma (Ind), (*Jasrana*) Har Govind Singh (Con) (*Jaunpur (East)*) Deep Narain Varma (Con) (*Jaunpur (West)*), Bhagwati Deen Tiwari (Con) (*Jaunpur (North) cum Shahganj (West)*), Atmaram Govind Kher (Con), (*Jhansi (East)*), Kashi Prasad Pandey (Con) (*Kadipur*) Shanker Lal (SC) (Con) (*Kadipur (R)*) Sultan Alam Khan (Con) (*Kaimganj (West)*) Keshav Gupta (Con) (*Kairana (North)*) Virendra Varma (Con), (*Kairana (South)*) Sia Ram Chaudhri (Con) (*Kasganj (Central)*), vacant (*Kasganj North*)) Hukum Singh (Con) (*Kasganj (South)*) Virendra Shah (U F) (*Kalpi cum Jalaun North*)), Basant Lal (SC) (Con), (*Kalpi cum Jalaun (North) (R)*) Kali Charan Tandon (Con) (*Kannauj (North)*) Hamid Khan (Con) (*Kanpur City (Central East)*) Basudeo Prasad Misra *alias* Misraji (Con) (*Kanpur City (Central West)*) Jawahar Lal Rohatgi (Con), (*Kanpur City (East)*), Surya Prasad Awasthi (Con), (*Kanpur City (North)*), Brahma Dutt Dixit (Con) (*Kanpur City (South)*), Beni Singh (Con) (*Kanpur Tehsil*) H N Bahuguna (Con), (*Karchhana (North cum Chail (South)*) Jawahar Lal (SC), (Con) (*Karchhana (North) cum Chail (South)*), Sheo Bux Singh Rathor (Con), (*Karhal (East) cum Bhogaon South*)) Mizaji Lal (SC), (Con), (*Karhal (East) cum Bhogaon South) (R)*), Banshi Dass Dhanger (P S P) (*Karhal (West) cum Shikohabad (East)*) Shrimati Said Jahan B Mukhfi (Con), (*Kasganj (East) cum Aliganj (North)*), Tirmalsingh (Con), (*Kasganj (North)*), Babu Ram Gupta (Con) (*Kasganj (West)*), Jagan Prasad Rawat (Con), (*Keragarh*), Lal Bahadur Singh (Con) (*Kerakat cum Jaunpur (South)*), Parmasri Ram (SC), (Con), (*Kerakat cum-Jaunpur (South) (R)*), Mohan Lal Gautam (Con), (*Khair cum-Koil (North West)*), Ram Prasad Deshmukh (SC) (Con), (*Khair cum Koil (North West) (R)*), Shivaraj Bali Singh (Con) (*Khajuha (East) cum Fatepur (South West)*), Gur Prasad Pandey (Con) (*Khajuha (West)*), Abdul Moiz Khan (Con) (*Khalilabad (Central)*), Raja Ram Sharma (Con), (*Khalilabad (North)*), Dhanush Dhari Pandey (Con), (*Khalilabad (South)*) Ram Sundar Ram (SC) (Con) (*Khalilabad (South (R)*), Kishan Swarup Bhatnagar (Con), (*Khurja*), Bheem Sen (SC) (Con), (*Khurja (R)*), Ramesh Verma (Con) (*Kiraoli*), Malkhan Singh (P S P) (*Koil (Central)*), Chittar Singh Niranjan (Con), (*Konch*), Ram Naresh Shukla (Con) (*Kunda (South)*), Ram Sarup (SC) (Con) (*Kunda (South) (R)*), Banshi Dhar Misra (Con), (*Lakhimpur (South)*) Chhedi Lal Choudhry (SC) (Con) (*Lakhimpur (South) (R)*) Tej Bahadur (Comm), (*Lalganj (North)*) Kalika Singh (Con) (*Lalganj (South)*) Krishna Chandra Sharma (Con) (*Lalitpur (South)*) Ram Prasad Nautiyal (Con), (*Lansdoune (East)*) Jagmohan Singh Negi (Con) (*Lansdoune (West)*) Harish Chandra Bajpai (Con) (*Lucknow (Central)*) Ram Shanker Ravivasi (SC) (Con), (*Lucknow (Central (R)*) Syed Ali Zaheer (Con) (*Lucknow City (Central)*), Chandra Bhanu Gupta (Con) (*Lucknow City (East)*), Pulin Behari Bannerji (Con), (*Lucknow City (West)*) Nagesar Diwedi (Con), (*Machhlishahr (North)*) Mohammad Rauf Jafri (Con) (*Machhlishahr (South)*), Purnpurna Nand Verma (Con) (*Mahrajganj (North)*) Ram Prasad Singh (Con) (*Mahrajganj (South)*) Sukhdeo Prasad (SC) (Con) (*Mahrajganj (South) (R)*) Manni Lal Gurdeo (Con) *Mahoba cum Kulphar cum Charkhari*) Jurawar Verma (SC) (Ind) (*Mahoba cum Kulpahar cum Charkhari) (R)*) Wasi Naqvi (Con) (*Mahrajganj (East)-cum Salon (North)*) Ram Swarup Misra (Con) (*Mahrajganj (West)*) Rameshwar Prasad (SC) (Con) (*Mahrajganj (West) (R)*), Rama Nath Khaira (Con) (*Mahrauni*) Ganesh Chandra Kachhu (Con) (*Mainpuri (North cum Bhogaon (North)*) Virendra Pati (Con) (*Mainpuri (South)*) Shyam Manohar Misra (Con) (*Malihabad cum Bara Banki (North West)*) Tula Ram Rawat (SC) (Con) (*Malihabad cum Bara Banki (North West) (R)*) Dwarka Prasad Mauriya (Con) (*Mariahu (North)*) Ramesh Chandra (Con) (*Mariahu (South)*), Laxmi Raman Acharya (Con) (*Mat cum Sadabad (West)*) Dal Chand (SC) (Con) (*Mat cum Sasabad (West) (R)*)(Sri Nath Ram (Con), (*Mathura (North)*), Jugal Kishore (Con) (*Mathura (South)*) Jagpat Singh (Con) (*Mau cum Karui cum Baberu (East)*) Dushan Ram (SC) Con) (*Mau cum Karui cum Baberu (East) (R)*) Lakshman Rao Kadam (Con) (*Mau cum Moth (South) cum Jhansi (West) cum Lalitpur (North)*), Cajoo Ram (SC) (Con), (*Mau cum Moth (South) cum Jhansi (West) cum Lalitpur (North) (R)*) Tej Pratap Singh (Ind), (*Mandah (South)*) Vishnu Saran Dublish (Con) (*Mawana*), Ramjilal Sahayak (SC) (Con) (*Mawana (R)*) Kailash Prakash (Con) (*Meerut Municipality*) Mangla Prasad (Con) (*Meja cum Karchhana (South)*), Raghunath Prasad (SC) (Con) (*Meja cum Karchhana (South) (R)*) Kishan Saran Arya (Con) (*Milak (South) cum Shahabad*)) Amaresh Chandra Pandey (Con) (*Mirzapur (North)*), Aziz Imam (Con) (*Mirzapur (South)*), Ram Kishun Jaswar (SC), (Con) (*Mirzapur (South) (R)*) Gangadhar Sharma (Con) (*Misrikh*) Dalla Ram (SC) (Con), (*Misrikh (R)*) Kamal Ahmad Rizvi (Con) (*Mohamdi (East)*), Ram Bhajan (Con), (*Mohamdi (West)*), Padam Nath Singh (Con), (*Mohammadabad Gohna (South)*), Habibur Rahman Azmi (Con), (*Mohammadabad (North) cum Ghosi (South)*) Shrinath Ram (SC) (Con) (*Mohammadabad (North) cum Ghosi (South) (R)*), Shivpujan Rai (P S P), (*Mohammadabad (North (East)*), Bijai Shanker Prasad (Con) (*Mohammadabad (South)*) Mahabir Pershad Srivastava (Con), (*Mohanlalganj*), Dau Dayal Khanna (Con), (*Moradabad (North)*), Kedar Nath (Con), (*Moradabad (South)*), Smt Savitri Devi (Con) (*Musafirkhana (Central)*) Nazim Ali (Con), (*Musafirkhana (North) cum Sultanpur (North)*) Gulzar (SC), (Con), (*Musafirkhana (North)-cum Sultanpur (North) (R)*), Gur Prasad Singh (Con), (*Musafirkhana (South) cum Amethi (West)*), Dwarka Prasad Mithal (Con), (*Muzaffarnagar (Central)*), Balwant Singh (Con), (*Muzaffarnagar (East) cum Jansath (North)*), Rajendra Datta (Con) (*Muzaffarnagar (West)*), Hafiz Mohammad Ibrahim (Con) (*Nagina (South West) cum Dhampur (North West)*), Narayan Dutt (P S P) (*Naini Tal (North)*) Lakshman Datt Bhatt (Con), (*Naini Tal (South)*) Ratan Lal Jain (Con) (*Najibabad (North) cum Nagina (North)*) Data Ram (Con), (*Nakur (South)*), Birendra Bikram Singh (U F), (*Nanpara (East)*) Basant Lal Sharma (Con), (*Nanpara (North)*) Md Saadat Ali Khan (Ind), (*Nanpara (South)*) Shyama Charan Bajpai (Con) (*Naraini*) Nanrang Lal (Con) (*Nawabganj*) Jagat Narain (Con) (*Nawabganj (North)*) Uma Shankar Misra (Con) (*Nawabganj (South) cum Haidergarh cum Ramsanehighat*), Ghansham Das (SC) (Con) (*Nawabganj (South) cum-Haidergarh cum Ramsanehighat (R)*) Karan Singh (Con), (*Nighasan cum Lakhimpur (North)*) Jagannath Prasad (SC) (Con), (*Nighasan cum Lakhimpur (North) (R)*) Chaturbhuj Sharma (Con) (*Orai cum Jalaun (South)*), Genda Singh (P S P), (*Padrauna (East)*) Jagan Nath Mal (P S P) (*Padrauna (North)*) Raj Bansi Rai (P S P) (*Padrauna (South West) cum-Deoria (South East)*), Ram Subhag Verma (P S P), (*Padrauna (West)*) Ram Raj Shukla (Con) (*Patti (East)*) Guru Raman Shukla (Con), (*Patti (South)*) Chandra Singh Rawat (Con) (*Pauri (South, cum Chamoli (East)*) Baldeo Singh Arya (SC) (Con) (*Pauri (South cum Chamoli (East) (R)*) Prem Kishen Khanna (Con) (*Pawayan cum Shahjahanpur*), Narain Din (SC) (Con) (*Pawayan cum Shahjahanpur (R)*) Gauri Ram (Con), (*Pharenda (Central)*) Ram Avadh Singh (Con), (*Pharenda (North)*), Dwarika Prasad Pande (Con) (*Pharenda (South)*) Shivnath Katju (Con), (*Phulpur (Central)*) Bhuwarji (Con) (*Phulpur (East) cum Handia (North West)*) Brij Behari Misra (Con), (*Phulpur (North)*) Ram Bachan Yadav (Con), (*Phulpur (South)*) Shrimati Asha Lata Vyas (SC), (Con) (*Phulpur (South) (R)*) Niranjan Singh (Con) (*Pilibhit (East) cum Bisalpur (West)*) Maqsood Alam Khan (Con) (*Pilibhit (West)*) Narendra Singh Bist (Con) (*Pithoragarh cum Champawat*) Khushi Ram (SC) (Con) (*Pithoragarh cum Champawat (R)*) Bhagwati Prasad Shukla (Con) (*Pratapgarh (East)*) Ram Adhar Tiwari (Con) (*Pratapgarh (North West) cum Patti (North West)*) Ram Kinkar (SC) (Con) (*Pratapgarh (North West) cum Patti (North West) (R)*) Raja Ram Kisan (Con) (*Pratapgarh (West cum Kunda (North)*) Munindra Pal Singh (P S P) (*Puranpur cum Bisalpur (East)*) Ram Adhin Singh Yadav (Con) (*Purwa (Central)*) Jata Shanker Shukla (Con) (*Purwa (North) cum Hasanganj*)) Sewa Ram (SC) (Con) (*Purwa (North) cum Hasanganj (R)*), Deo Dutta Misra (Con), (*Purwa (South)*) Ram Shanker Diwedi (Con) (*Rae Bareli cum Dalmau (North)*) Ram Prasad (SC) (Con) (*Rae Bareli cum Dalmau (North) (R)*) Fazalul Haq (Con) (*Rampur City*) Jagannath Bux Dass (Con), (*Ramsanehighat*) Babu Lal Kusumesh (SC) (Con) (*Ramsanehighat (R)*) Madan Mohan Upadhyaya (P S P) (*Ranikhet (North)*) Har Govind Pant (Con) (*Ranikhet (South)*) Mandhata Singh (Con) (*Rasra (East) cum Ballia (South West)*) Ram Ratan Prasad (SC) (Con) (*Rasra (East) cum Ballia (South West) (R)*) Ganga Prasad Singh (Con) (*Rasra (West)*) Sripati Sahai (Con) (*Rath*) Jayendra Singh Bist (U F) (*Rawain cum Tehri (North)*) Din Dayal Shastri (Con) (*Roorkee (East)*) Athar Hussain Khwaja (Con) (*Roorkee (South)*) Shugan Chand (Con) *Roorkee (West) cum Saharanpur (North)*) Jai Pal Singh (SC) (Con), (*Roorkee (West) cum Saharanpur (North) (R)*) Ashraf Ali Khan (Con) (*Sadabad (East)*) Shiv Ram Rai (Con) (*Sadar (Azamgarh (North)*) Surju Ram (SC) (Con) (*Sadar Azamgarh (North) (R)*) Habibur Rehman Ansari (Con) (*Safipur cum Unnao (North)*) Mohan Lal (SC), (Con) (*Safipur cum Unnao (North) (R)*) Bisram Rai (P S P) (*Sagri (East)*) Uma Shankar (P S P), (*Sagri (West)*) Mohd Manzoorul Nabi (Con), (*Saharanpur City*) Mahmud Ali Khan (Con) (*Saharanpur (North West) cum Nakur (North)*) Keshav Ram (Con), (*Sahaswan (East)*) Mushtaq Ali Khan (Con) (*Sahaswan (West)*) Kamla Singh (Ind) (*Saidpur*) Dev Ram (SC), (Con), (*Saidpur (R)*) Sachhida Nand Nath Tripathi (Con), (*Salimpur (East)*), Sivabachan

Rao (Con), (*Salimpur (North)*), Badri Narain Misra (Con), (*Salimpur (South)*), Deo Nandan Shukla (Con), (*Salimpur (West)*), Dal Bahadur Singh (Con), (*Salon (South)*), Jagdish Saran Rastogi (Con), (*Sambhal (East)*), Lekhraj Singh (SC), (Con), (*Sambhal (East) (R)*), Shrimati Laxmi Devi (Con), (*Sandila cum Bilgram (South-East)*), Tika Ram (SC) (Con), (*Sandila cum Bilgram (South East) (R)*), Bishambhar Singh (Con), (*Sardhana (East)*), Fateh Singh Rana (Con), (*Sardhana (West)*) Chedda Lal (Con), (*Shahabad (East) cum Hardoi (North West)*), Kanhaiya Lal Balmiki (SC) (Con), (*Shahabad (East) cum Hardoi (North West) (R)*), Ajaz Rasool (Con), (*Shahabad (West)*), Lakshmi Shankar Yadav (Con) (*Shahganj (East)*), Babu nandan (SC), (Con) (*Shahganj (East) (R)*), Habibur Rahman Khan Hakim (Con), (*Shahjahanpur (Central)*) Pratipal Singh (Con) (*Shahjahanpur (West) cum Jalalabad (East)*), Maharaj Singh (Con), (*Shikohabad (West)*), Hanuman Prasad Misra (P S P) (*Sidhauli West*) Kanhaiyalal (P S P) (*Sidhauli West (R)*) Kewal Singh (Con), (*Sikandrabad (East)*), Ram Chandra Vikal (Con), (*Sikandrabad (West)*), Netra Pal Singh (Con), (*Sikandra Rao (North) cum Kol (South East)*), Nek Ram Sharma (Con), (*Sikandra Rao (South)*), Vacant (*Sirathu cum Manjhanpur*), Sukhi Ram Bhartiya (SC), (Con), (*Sirathu cum Manjhanpur (R)*), Bashir Ahmad Hakim (Con), (*Sitapur (East)*), Harish Chandra Asthana (Con), (*Sitapur (North West)*), Krishna Chandra Gupta (Con), (*Sitapur (South East)*), Sangram Singh (Con), (*Soroan (North) cum Phulpur (West)*), Paraman and Sinha (Con) (*Soraon (South)*), Ram Bali Misra (Con), (*Sultanpur (East) cum Amethi (East)*) Kunwar Krishna Verma (Con), (*Sultanpur (West)*), Mahmood Ali Khan (Con), (*Swar cum Tanda cum Bilaspur*), Mohammad Nasir (Con) (*Tanda*) Ram Sumer (SC), (Con), (*Tanda (R)*), Chandrabhan Saran Singh (Con), (*Tarabgan) (South East) cum Gonda (South)*), Ganga Prasad (SC), (Con) (*Tarabganj (South-East) cum-Gonda (South) (R)*), Maharaj Kumar Balendu Shah (U F), (*Tehri (South) cum Partapnagar*), Shiv Swarup Singh (Con), (*Thakurdwar*), Sheo Kumar Mishra (Con), (*Tilhar (North)*), Bhagwan Sahai (Con), (*Tilhar (South)*) Raghuraj Singh (Con), (*Trabganj (West)*), Lila Dhar Asthana (Con), (*Unnao (South)*), S M Shahid Fakhri (Con), (*Utraula (Central)*), Balbhadra Prasad Shukla (Con), (*Utraula (North)*) Shiam Lal (SC), (Con), (*Utraula (North) (R)*), Ummed Singh (U F), (*Utraula (North (East)*), Amrit Nath Misra (Con), (*Utraula (South)*), Raja Raghavendra Pratap Singh (Con), (*Utraula (South West)*), Nardeo Shastri (Con), (*Western Doon South cum Eastern Doon*)

Abbreviations Con —Congress, P S P —Praja Socialist Party, Ind —Independent U F —United Front SC —Scheduled Castes ST —Scheduled Tribes

WEST BENGAL LEGISLATIVE COUNCIL

Chairman Dr Suniti Kumar Chatterji *Dy Chairman* Dr Pratap Chandra Guha Ray

Local Authorities' Constituencies

R S Prasad (*Darjeeling*), Sachindra Nath Misra (*West Bengal North*), Tarakdas Bandopadhyaya (*Nadia Murshidabad*), Kali Narayan Sinha (*Nadia Murshidabad*) Kali Pada Mookerjee* (*Calcutta 24 Parganas*), Sarat Chandra Sawoo* (*Calcutta 24 Parganas*), Sudhirendra Nath Majumdar (*Calcutta 24 Parganas*), Hridoy Bhusan Chakravarty (*Calcutta-24 Parganas*), Devaprasad Chatterjea (*Calcutta-24 Parganas*), Prafulla Kumar Guha (*Calcutta 24 Parganas*), Prafulla Chandra Sen (*Hooghly Howrah*), Rabindralal Sinha* (*Hooghly Howrah*), Sunil Kumar Banerjee (*Hooghly Howrah*), Charu Chandra Mahanty* (*Burdwan Division North*), Pranabeswar Sarkar* (*Burdwan Division North*), Biman Behari Lal Singha (*Burdwan Division North*) Annada Prosad Choudhuri (*Burdwan Division North*)

Graduates' Constituencies

Nirmal Chandra Bhattacharyya* (*Calcutta*) Dr Suniti Kumar Chatterji (*West Bengal South*), Charu Chandra Sanyal (*West Bengal North*), Chittaranjan Roy* (*West Bengal West*)

Teachers' Constituencies

Kamini Kumar Ghosh (*Calcutta*), Dr Bijanbihari Bhattacharya (*Burdwan Division*) Mohitosh Roi Choudhuri* (*Presidency Division South*), Durga Kinkar Bhattacharjee* (*Presidency Division North*)

Bengal Legislative Assembly

Janab Abdul Halim, Narendranath Bagchi Bankim Chandra Banerji, Subodh Kumar Bose, Monindra Mohan Chakrabarty*, K P Chattopadhyay*, Janab Mohammad Sayeed Mia, Dr Pratap Chandra Guha Ray, Siba Prasad Kumar*, Janab Mirza Abdur Rasid*, Kamala Charan Mookerjee, Debendranath Mukherjee*, Kumada Kinkar Mukherjee, Bijoy Singh Nahar, Lakshman Prodhan*, Surendra Kumar Roy Debendra Sen

Nominated by Governor

Sankar Das Banerji, Tara Sankar Banerjee*, Gurugobinda Basu, Santi Das, Narasingha Malla Ugal Sanda Deb, Labanyaprova Dutt Janab Musharruf Hossain, Janab Shaikh Mohammad Jan*, Pannalal Saraogi*

* Were due to retire on June 4, 1954 At the time of going to press elections had not taken place

WEST BENGAL ASSEMBLY GENERAL ELECTIONS

Population 24,810,308 (1951 final) Electorate 12,499,850 Seats 238 (40 for SC 12 for ST) Constituencies 187 (136 SM, 51 DM)

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
			For Seats													
		Set up	Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	236	236	40	11	1	—	1	149	26	9	150	26	10	2,897,887	1
2	Socialist	62	62	6	6	—	—	—	—	—	—	—	—	—	215,049	50
3	Kisan Mazdoor Praja Party	129	129	16	5	—	—	—	15	2	1	15	2	1	667,443	80
4	Jan Sangh	86	86	13	1	—	—	—	9	2	—	9	2	—	420,266	62
5	Communist Party of India	86	86	14	4	—	—	—	28	5	—	28	5	—	800,961	16
6	Forward Bloc (M)	48	48	4	2	—	—	—	11	3	—	11	3	—	393,597	17
7	Forward Bloc (R)	34	34	4	1	—	—	—	2	—	—	2	—	—	112,677	25
8	Hindu Mahasabha	33	33	2	2	—	—	—	4	—	—	4	—	—	176,762	20
9	Ram Rajya Parishad	14	14	1	—	—	—	—	—	—	—	—	—	—	7,100	14
10	Revolutionary Socialist	14	14	—	1	—	—	—	—	—	—	—	—	—	60,372	8
11	Bolshevik Party	8	8	1	—	—	—	—	—	—	—	—	—	—	20,117	5
12	Revolutionary Communist	11	11	2	—	—	—	—	—	—	—	—	—	—	31,034	10
13	Gorkha League	4	4	—	1	—	—	—	3	—	—	3	—	—	31,320	—
14	Independents	608	193	27	4	—	—	—	16	2	1	16	2	1	1,608,112	521
	Total	1,373	—	—	—	1	—	1	237	40	11	238	40	12	7,442,697	829

An estimate of party strength at present (March 1954) is as follows Congress 156, Communists 29, National Democratic Party 15, Praja Socialist Party 17, Forward Bloc 15, Unattached 5, Vacancies 8.

WEST BENGAL LEGISLATIVE ASSEMBLY

Speaker Saila Kumar Mukherjee *Dy Speaker* Ashtosh Mallick

Satyendra Kumar Basu (Con) (*Alipur*), Pijush Kanti Mukherjee (Con), (*Alipur Duars*), Debendra Brahmamandal (SC), (Con), (*Alipur Duars (R)*), Tarapada Pramanik (Con), (*Amta Central*), Alamohan Dass (Ind), (*Amta North*), Arabinda Roy (Con), (*Amta South*), Dr Radhakrishna Pal (F B) (*Arambagh*) Madan Mohan Saha (SC) (C P I) (*Arambagh (R)*) Dr Atindra Nath Bose (F B (R)), (*Asansol*) Ananda Gopal Mukherjee (Con) (*Ausgram*), Kanailal Das (SC) (Con) (*Ausgram (R)*) Sambhu Charan Mukherjee (Con) (*Bagnan*), Brindaban Chattopadhyaya (Con) (*Balagore*) Ratanmoni Chattopadhyaya (*Bally*), Sirojranjan Chattopadhyaya (Con), (*Balurghat*), Lakshan Chandra Hasda (SF) (Con) (*Balurghat (R)*) Rakhahari Chatterjee (H M S) (*Bankura*) Iswar Das Jalan (Con), (*Barabazar*) Jyoti Basu (C P I), (*Baranagore*), Dr Amulyadhan Mukhopadhyaya (Con), (*Barasat*), Profulla Chandra Roy (Con), (*Barjora*), Phanindranath Mukhopadhyay (Con) (*Barrackpore*) Abdus Shokur (Con), (*Baruipur*), Lalit Kumar Sinha (SC), (C P I), (*Baruipur (R)*), Prafulla Banerjee (Con), (*Basirhat*) Biren Roy (F B (R)) (*Behala*), Kshitish Chandra Ghose (Con), (*Beldanga*), Ganesh Ghosh (C P I) (*Belgachia*) Suhrid K Mullick Chowdhury (F B (M)), (*Belraghat*), Jogesh Chandra Gupta (Con), (*Bemanpukur Ballygunge*), Pulin Behari Khatic (SC) (Con), (*Beniapukur Ballygunge (R)*), Bejoy Kumar Ghosh (Con), (*Berhampore*), Byomkesh Majumdar (Con) (*Bhadreswar*), Rameswar Panda (J S), (*Bhagwanpur*), Gangadhar Naskar (SC) (C P I) (*Bhangore*), Hem Chandra Naskar (SC), (Con), (*Bhangore (R)*), Bijoyendu Narayan Roy (Con) (*Bharatpur*), Dayaram Beri (Con) (*Bhatpara*), Shrimati Mira Dutta Gupta (Con) (*Bhowanipur*), Nripendra Gopal Mitra (J S) (*Binpur*), Mangal Chandra Soren (ST), (Con) (*Binpur (R)*) Provash Chandra Roy (C P I), (*Bishnupur*) Basanta Kumar Mal (SC), (Con), (*Bishnupur (R)*) vacant (*Bizpur*) Hanseswar Roy (Con), (*Bolpur*) Bhushan Hansda (ST), (Con), (*Bolpur (R)*) Dr Jiban Ratan Dhar (Con), (*Bongaon*), Dr Bidhan Chandra Roy (Con) (*Bowbazar*) Bankim Mukherji (C P I) (*Budge-Budge*) Benoy Krishna Chowdhury (C P I) (*Burdwan*) Sudhir Chandra Ray Choudhuri (P S P), (*Burtola*) Satyendra Chandra Ghosh Maulik (Con) (*Burwan Khargram*) Sudhir Mondal (SC), (Con) (*Burwan Khargram (R)*), Jogeswar Roy (Con) (*Central Duars*) Mangal das Bhagat (SF) (Con) (*Central Duars (R)*), Smarajit Bandopadhyaya (Con) (*Chapra*) Probodh Dutta (H M S) (*Chhatna*), Kamala Kanta Hembram (ST), (Con) (*Chhatna (R)*) Jyotish Chandra Ghosh (F B (M)), (*Chinsura*), Radhanath Das (SC) (Con) (*Chinsura (R)*) Anandilal Poddar (Con) (*Cholootola*) Sudhir Chandra Das (P S P), (*Contai North*), Natendra Nath Das (P S P), (*Contai South*), Mazaruddin Ahmed (Con) (*Cooch Behar*), Jatindra Nath Singha Sarker (SC) (Con) (*Cooch Behar (R)*) Biswanath Roy (Con) (*Cossipur*), Jnanendra Kumar Chaudhury (J S), (*Dantan*), Dalbahadur Singh *Gahatraj* (All Gorka League), (*Darjeeling*), Mrigendra Bhattacharjya (C P I), (*Daspur*), Rafiuddin Ahmed (Con), (*Deganga*), Dhirendra Narayan Mukherjee (Con) (*Dhanikhali*) Loso Hasda (SF) (Con) (*Dhanikhali (R)*) Rabindra Nath Sikde (Con), (*Dhupguri*), Jagdish Haldar (Con) (*Diamond Harbour*), Satish Chandra Roy Singh (Con) (*Dinhata*) U C Mandal (SC) (Con) (*Dinhata (R)*), Tarapada Dey (C P I) (*Domjur*) Khanal Lal Dass (Con), (*Dum Dum*), Debendra Chandra Dey (Con) (*Entally*), Jyotish Chandra Roy (C P I), (*Falta*) Giasuddin (Con), *Farakka*), Narendra Nath Sen (Con), (*Fort*), Ziaul Haque (Con) (*Gaighata*) Jadabendra Nath Panja (Con), (*Galsi*), Mohitosh Shaw (SC), (Con), (*Galsi (R)*) Dhirendra Nath Chatterjee (Con), (*Gangajalghati*), Satindra Nath Basu (Con), (*Gangarampur*) Saroj Roy (C P I), (*Garbeta*), S M Abdullah (Con) (*Garden Reach*) Dharani Dhar Sarkar (C P I), (*Garole*), Dr Jatish Chandra Ghosh (C P I) (*Ghatal*) Amulya Charan Dal (SC) (C P I), (*Ghatal (R)*), Narendra Nath Ghosh (*Goghat*) Dhananjoy Kar (P S P) (*Gopiballavpur*) Jagatpati Hansda (ST) (P S P) (*Gopiballavpur (R)*) Tarun Kanti Ghosh (Con) (*Habra*) Janab Hajee Abdul Hameed (Con), (*Hariharpara*) Ramhari Roy (Con) (*Harischandrapur*), Hemanta Kar Ghosal (C P I) (*Haroa Sandeshkhali*), Jyotish Chandra Ray (SC), (Con), (*Haroa Sandeshkhali (R)*), Bijesh Chandra Sen (Con), (*Hasnabad*), Rajkrishna Mondal (SC), (Con) (*Hasnabad (R)*), Saila Kumar Mukherjee (Con) (*Howrah East*) Biren Banerjee (C P I) (*Howrah North*) Dr Beni Chandra Dutt (Con) (*Howrah South*) Bankim Chandra Kar (Con), (*Howrah West*) Banamali Das (Con), (*Itahar*) Amrita Lal Hazra (Con) (*Jagatballavpore*) A M A Zaman (Con) (*Jallangi*) Khagendra Nath Das Gupta (Con) (*Jalpaiguri*) vacant (*Jalpaiguri (R)*) Mahendra Nath Mahata (Con), (*Jhargram*) Madan Mohan Khan (SC) (J S) (*Jhargram (R)*), Ram Lagan Singh (Con), (*Jorabagan*) Amarendra Nath Basu (F B (M)) (*Jorasanko*) Shiva Kumar Rai (All Gorka League) (*Jorebungalow*) Subodh Banerjee (Ind), (*Joynagore*), Dintaran Moni (SC) (Ind) (*Joynagore (R)*) Abul Barkat Ataul Gani (Ind) (*Kalyachak North*), Sourindra Mohan Misra (Con) (*Kalyachak South*) S M Fazlur Rahaman (Con) (*Kaliganj*) Shrimati Mani Kuntala Sen (C P I) (*Kalighat*) Nar bahadur Gurung (*Kalimpong*) Rashbehari Sen (Con) (*Kalna*) Baidya Nath Santal (ST) (Con) (*Kalna (R)*) Gopibadan Trivedi (Con), (*Kanda*), Haripada Chatterjee (P S P), (*Karimpur*) Subodh Choudhury (C P I), (*Katwa*), Gangapada Kuar (SC) (P S P), (*Keshpur*) Nagendra Pahil (SC) (C P I) (*Keshpur (R)*) Tarapada Bandopadhyaya (H M S) (*Khargram*) Mohammed Hossain (Con) (*Khanda ghosh*) Moulana Mohammad Mumtaz (Con) (*Kharagpur*) Tafazzal Hossain (Con) (*Kharba*) Amulya Ratan Ghose (H M S) (*Khatra*), Ashutosh Mallick (SC), (Con) (*Khatra (R)*) Shrimati Abha Mati (Con), (*Kheyri*), Koustuv Kanti Karan (SC) (Con) (*Kheyri (R)*) Khagendra Nath Bandopadhay (Con) (*Khoyrasol*) Bejoylal Chatterjee (Con), (*Krishnagar*), Nalini Kanta Haldar (P S P), (*Kulpi*) Pran Krishna Kumar (SC) (J S) (*Kulpi (R)*) Joynarayan Sarma (Con) (*Kultli*), Baidyanath Mondal (SC) (Con) (*Kulti (R)*) Nepal Chandra Roy (F B (M)), (*Kumartuli*) George Mahbert (All Gorka League) (*Kurseong Sil guri*) Tenzing Wangdi (ST) (Con), (*Kurseong Silguri (R)*), Kazim Ali Meerza (Con), (*Lalgola*), Abdul Hashem (Con) (*Magrahat*) Ardhendu Shekhar Naskar (Con) (*Magrahat (R)*) vacant, (*Maheshtola*) Kumar Deba Prasad Garga (Ind), (*Mahisadal*) Surendra Nath Roy (SC), (Con), (*Mainaguri (R)*) Nikunja Behari Gupta (Con), (*Malda*), Rupadi Das (SC) (Ind), (*Malda (R)*), Bhakta Chandra Roy (Con) (*Mangalkot*) Dr Ramendra Nath Sen (C P I) (*Manicktala*) Pasupati Jha (Con) (*Manikchak*) Ananda Prasad Mandal (Con), (*Manteswar*) Sarada Prasad Pramanik (Con) (*Mathabhanga*) Bhusan Chandra Das (P S P), (*Mathurapore*), Brindaban Gayen (SC) (Con) (*Mathurapore (R)*) Dr Satyendra Prasanna Chatterjee (Con), (*Mekliganj*) Basanta Kumar Panigrahi (J S), (*Mohanpur*) Kanai Lal Bhowmik (C P I), (*Moyna*), Sankar Prasad Mitra (Con), (*Muchiapara*), Jogendar Narayan Das (P S P) (*Murarai*) Durgapada Sinha (Con) (*Murshidabad*), Niranjan Modak (Con) (*Nabadwip*), Suresh Chandra Paul (Con) (*Naihati*) Jagannath Mojumder (Con), (*Nakasipara*) Keakub Hossain (Con), (*Nalhati*) Subodh Chandra Mutli (Con), (*Nandigram North*) Prabir Ch Jana (Con) (*Nandigram South*) Basanta Lall Murarka (Con) (*Nanur*) Dr Sisir Kumar Saha (SC) (Con) (*Nanur (R)*) Dr Krishna Chandra Satpathi (J S) (*Narayangarh*) Surendra Nath Pramanik (SC) (P I P) (*Narayangarh (R)*) Mohammad Israil (Ind), (*Nowada*), Rajani Kanta Pramanik (Con) (*Panskura North*) Syama Bhattacharyya (Con) (*Panskura South*), Janardan Sahu (J S) (*Patashpur*), Pulin Behari Maiti (J S) (*Pingla*) Bimalananda Tarkatirtha (Con) (*Purbasthali*) Golam Hamidur Rahman (Con), (*Raiganj*) Syama Prasad Barman (SC) (Con), (*Raiganj (R)*), Dasarathi Tah (P S P) (*Raina*) Mritunjoy Pramanik (SC) (P S P) (*Raina (R)*) Jatindra Nath Basu (Con) (*Raipur*), Jadu Nath Murmu (ST) (Ind) (*Raipur (R)*) Balailal Das Mahapatra (Con) (*Ramnagar*) Sri Kumar Banerjee (F B (M)) (*Rampurhat*) Panchanan Let (SC), (F B (M)) (*Rampurhat (R)*) Keshab Chandra Mitra (Con) (*Ranaghat*), Bejoy Krishna Sarkar (SC) (Con), (*Ranaghat (R)*), Pashupati Nath Mallah (Ind) (*Raniganj*) Dhirjadhari Mondal (SC), (Con) (*Raniganj (R)*), Zamal Abedin Kazi (Con) (*Ranninagar*) Srijukta Renuka Ray (Con), (*Ratua*) Gopal Ch Das Adhikary (Con), (*Sabong*), Shyamapada Bhattacharjee (Con) (*Sagardighi*), Kuber Chand Haldar (SC), (Con), (*Sagardighi (R)*) Haripada Baguli (P S P) (*Sagore*) Bijoy Gopal Goswamy (Ind) (*Salboni*), Kanailal Bhattacharya (F B (M)), (*Sankrail*) Kripa Sindhu Shaw (SC), (F B (M)) (*Sankrail (R)*), Sasibhusan Khan (Con), (*Santipur*) Pannalal Bose (Con) (*Sealdah*) Jitendra Nath Lahiri (Con), (*Serampore*), Hemanta Kumar Basu (F B) (*Shampukur*), Sasabindu Bera (F B (M)), (*Shyampur*) Ajit Kumar Basu (C P I) (*Singoor*) Sourendra Nath Saha (SC), (C P I), (*Singoor (R)*) Bhabataran Chakravarty (Con) (*Sonamukhi*), Sishuram Mandal (SC), (Con) (*Sonamukhi (R)*) Gopika Bilas Sen Gupta (Con), (*Suri*) Nishapati Majhi (SC) (Con), (*Suri (R)*) Kumar Chandra Jana (P S P), (*Sutahata*) Tuffal Hoque (Ind) (*Sutahata*), Mahammad Ishaque (Con) (*Swarupnagar*), Sya Purabi Mukhopadhyay (Con) (*Taldangra*), Samsul Huq (Con) (*Taltola*) Ajoy Kumar Mukerji (Con), (*Tamluk*) Parbati Hazra (Con) (*Tarakeswar*) Raghunandan Biswas (Con) (*Tehatta*), Krishna Kumar Shukla (Con), (*Titlagarh*) Jyotish Joardar (F B), (*Tollygunge*) Priya Ranjan Sen (Con) (*Tollygunge North*) Ambica Chakrabarty (C P I) (*Tollygunge South*) Bibhuti Bhusan Ghose (F B (M)) (*Uluberia*) Bijoy Bhusan Mondal (SC) (F B (M)), (*Uluberia (R)*) Monoranjan Hazra (C P I) (*Uttarpara*) Narayan Chandra Ray (Ind), (*Vidyasagar*), Radhagobinda Roy (Con), (*Vishnupur*) Kiran Chandra Digar (SC) (Con) (*Vishnupur (R)*) Kali Mukherjee (Con), (*Watgunge*), Sasadhar Kar (Con) (*Western Duars*) Antoni Topno Munda (ST), (Con) (*Western Duars (R)*) R I Platel (*Anglo Indian Nominated*), Reginald Arthur Massey (*Anglo Indian, Nominated*)

Abbreviations P S P Praja Socialist Party H M S —Hindu Mahasabha C P I —Communist Party of India, F B (M) —Forward Bloc (Marxist), F B (R) —Foward Bloc (Ruikar Group), Con —Congress J S —Jan Sangh Ind —Independent S T —Scheduled Tribe, S C —Scheduled Caste

HYDERABAD STATE ASSEMBLY GENERAL ELECTIONS

Population 18,655,108 (1951 final) Electorate 9,035,497 Constituencies 142 (109 SM, 33 DM) Seats 175 (SC 31, ST 2).

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		Set up	For seats													
			Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	TC		
1	Congress	172	173	31	1	4	3	—	89	15	1	93	18	1	2,176,654	5
2	Socialist	97	97	9	2	—	—	—	11	3	1	11	3	1	591,215	53
3	Kisan Mazdoor Praja Party	1	1	—	—	—	—	—	—	—	—	—	—	—	4 047	1
4	Jan Sangh	2	2	—	—	—	—	—	—	—	—	—	—	—	2,328	2
5	People s Democratic Front	75	78	6	—	—	—	—	42	4	—	42	4	—	1,086,111	12
6	Scheduled Castes Federation	23	23	20	—	—	—	—	5	5	—	5	5	—	265,908	8
7	Peasants and Workers' Party	21	21	—	—	—	—	—	10	—	—	10	—	—	215,992	4
8	Ram Rajya Parishad	7	7	—	—	—	—	—	—	—	—	—	—	—	12 489	6
9	Hindu Mahasabha	3	3	—	—	—	—	—	—	—	—	—	—	—	3,176	3
10	Other State Parties*	25	25	9	—	—	—	—	—	—	—	—	—	—	92,234	21
11	Independents	132	94	7	1	—	—	—	14	1	—	14	1	—	751,988	80
	Total	558	—	—	—	4	3	—	171	28	2	175	31	2	5,202,142	195

* Hyderabad State Praja Sabha , United Scheduled Caste Federation , Hyderabad State Depressed Class Association , Republican Party , Independent League

The Congress emerged as the largest single Party in the Hyderabad State Assembly with an absolute majority over all others

Ten Muslims were returned to the Assembly Of these eight belonged to the Congress Party, one to the P D F and one was an Independent The 175 member House had eight women, five of them being Congress, 1 P D F , 1 S C F and 1 Independent

The Congress suffered some major reverses at the hands of the People s Democratic Front (Communists) in Telengana, Peasants and Workers (pro-Communists) in Marathwada and Independents (rebel Congressmen) in Karnatak regions

In Telengana which consists of the eight disturbed districts of the State out of the 93 seats it contested, the Congress won only 38 It lost all the 14 seats in Nalgonda to the Communists and annexed only 2 each in Karimnagar and Warangal Six prominent Congressmen, including the two General Secretaries of the Congress were defeated Two prominent Nationalist Muslims who stood on Congress ticket were also defeated

The Congress polled roughly 41 per cent of the total votes polled Six Congress candidates forfeited their deposits

Almost all the prominent members of the Socialist Party, including Mr Mahadev Singh and Mr Y S Rao were defeated

The People s Democratic Front (Communists) which was a coalition of four Leftist Parties concentrated its attention on Telengana

The Front was the second largest Party in the Assembly It obtained, about 21 per cent of the total polled Some of the heaviest polling in the State was witnessed in the villages of Telengana, Mr Ravi Narayan Reddy s home village Bellapalli heading the list with 95 per cent

The Peasants' and Workers' Party, who follow the Marxian ideology and was expected to support the P D F in the Assembly annexed ten out of the 19 seats it contested in Marathwada Its candidates obtained about four per cent of the total votes polled

The leader of the Scheduled Castes Federation Mr J H Subbiah, who stood for the House of the People from Ibrahimpatnam for the General Seat was defeated by a Congressman The Federation polled about five per cent of the total vote

The Independents polled about 16 per cent of the total votes

An estimate of party strength at present (1954 March) is as follows Congress 97, People s Democratic Front 39, United People s Party 36, Scheduled Castes Federation 2

HYDERABAD LEGISLATIVE ASSEMBLY

Speaker Kashinath Rao Vaidya *Dy Speaker* Pampan Gowda

Daji Shankar Rao (P D F), (*Adilabad*), Anna Rao Basappa (Con), (*Afzalpur*), Nivarthireddy Namdeoreddy (Con), (*Ahmedpur*), Paga Pulla Reddy (Con), (*Alampur Gadwal*), Naganna (SC) (Con), (*Alampur Gadwal (R)*) Shrimati Arutla Kamala Devi (P D F), (*Aler*), Virendra Patil (Con), (*Alland*), Bhagvant Rao Ghambir Rao (Con), (*Ambad*), Sharan Gowda (Ind), (*Andola-Jewargi*), Venkat Rajeshwar Joshi (Con), (*Andole*), Luchman Kumar (SC) (Con), (*Andole (R)*), G Raja Ram (Soc) (*Armoor*), Rakhamaji (Con), (*Ashti*), Laxman Konda (Con), (*Asifabad*), Kashiram (ST) (Con), (*Asifabad (R)*), Shripad Rao Laxman Rao Newasekar (Con), (*Aurangabad*), Devisingh Venkatsingh Chouhan (Con), (*Awsa*), Ananth Reddy (P S P), (*Balkonda*), Shrimati Laxmi Bai (Con) (*Banswada*), Bhagwan Rao (P & W P), (*Basmath*), Shamrao (SC), (S C F) (*Basmath (R)*), Kashinath Rao Vaidya (Con), (*Begum Bazar*), Murlidhar Rao Sriniwas Rao Kamtikar (Con), (*Bhalki*), Sreepat Rao (P D F), (*Bhir*), Digamber Rao Bindu (Con), (*Bhokar*), Bhau Rao Dagdu Rao (P D F), (*Bhokardan*), Dhondi Raj Kamble (SC), (Con), (*Bhokardan (R)*), Goka Ramalingam, (Con), (*Bhongir*), Shafiuddin (Con), (*Bidar*), Narayanrao Narsingrao (Con), (*Biloli*), S L Shastry (Con), (*Bodhan*), Gopal Rao Ekbote (Con), (*Chanderghat*), Shankerappa Shivapuri (*Chincholi*), Kanchinepalli Venkata Rama Rao (P D F), (*Chinnakondur*) Rudrappa (Con), (*Chitapur*), Jaywant Rao Gyaneshwar Rao (Con) (*Deglur*) Ganpatrao Manik Rao (SC) (Con) (*Deglur* (R)), Karibarappa Guru Basappa (Ind), (*Deodurg*), K Anantharama Rao (P D F), (*Devarakonda*) Srinivas Rao (Soc), (*Dharpalli*), Juvvadi Damodhar Rao (P D F), (*Elgandal*), Pendem Vasudevu (P D F), (*Gajwel*), Rang Rao (P & W P), (*Gangakhed*), K R Hiramath (Ind), (*Gangawathi*), Ram Rao (P D F), (*Georai*), Mohamad Ali (Con), (*Gulbarga*), Madhav Rao (P D F), (*Hadgaon*), Servadwa Bhatla Ramnadam (P D F) (*Hanamkonda*), Mirza Shukur Baig (Con), (*Hasanparti*), Shamrao (P & W P), (*Hingoli*), Madhaorao (SC), (S C F), (*Hingoli (R)*), Deshpande Bapurao Kishen Rao (Con), (*Huzur*), Shreenivasa Rao (Con.), (*Hummabad*), Shankar Deo (SC), (Con), (*Humnabad (R)*), P Narayana Rao (Con), (*Huzurabad*), J Venkatesam (SC), (P S P), (*Huzurabad (R)*), Makdoom Mohiuddin (P D F), (*Huzurnagar*), Thalamalla Narsimlu (SC), (P D F), (*Huzurnagar (R)*), Syed Hasan (P D F), (*Hyderabad City*), Papi Reddy (P D F), (*Ibrahimpatan*), M B Gautam (SC), (Con), (*Ibrahimpatan (R)*), Vithal Rao Deshpande (P D F), (*Ippaguda*), Baddam Malla Reddy (P D F), (*Jagtiyal*), Butti Raja Ram (SC), (S C F), (*Jagtiyal (R)*), Mohd Ali Moosavi (Con), (*Jalna*), Syed Aktar Hussain (P D F), (*Jangaon*), Bhujang Rao Nagorao (P & W P), (*Jintur*), Ramlingaswami (Con), (*Kaij*), Achutrao Yogiraj (P & W P), (*Kallam*), M Narsingh Rao (Con.), (*Kalvakurthi*), K R Veeraswamy (SC), (Con), (*Kalvakurthi (R)*), G Vithal Reddy (Con), (*Kamareddi*), Ram Rao (SC), (Con), (*Kamareddi (R)*), Chandrasekhar (Con), (*Kamlapur*), Govind Rao Narsing Rao (Con), (*Khandhar*), Madhaw Rao Sawai Sitaram Sawai (SC), (Con), (*Kandhar (R)*), Ramgopal Ramkishan (Con), (*Kannad*), C H Venkat Ram Rao (P D F), (*Karimnagar*), Narendra (Con), (*Karwan*), B Krishniah (P D F), (*Khammam*), R B Gurumoorthy (SC), (P D F), (*Khammam (R)*), Shrihari (Con), (*Kinwat*), Anant Reddy (Con), (*Kodangal*), Veeraswami (SC), (Con), (*Kodangal (R)*), Anantha Ramachandra Reddi (P D F), (*Kollapur*), Shrimati Mahadevamma Basavangowda (Ind), (*Koppal*), M Kondal Reddy (Ind), (*Kunaram*), Andanappa (Ind), (*Kushtagi*), Vinayak Rao Koratkar (Con), (*Latur*), Baswangowda (Con), (*Lingasugur*), Vishwanath Rao (P S P), (*Luxshatipeth*), Rajmallu (SC), (P S P) (*Luxshatipeth (R)*), Kondabolu Venkayya (P D F), (*Madhira*), Kannakanti Sriniwas Rao (P D F), (*Mahubabad*), B M Chander Rao (SC), (S C F), (*Mahubabad (R)*), P Hanumantha Rao (Con), (*Mahbubnagar*), Shrimati Shantabai (Con), (*Makhtal Atmakur*), Basappa (SC), (Con), (*Mahkhtal-Atmakur (R)*), Abdul Rahman (P D F), (*Malakpet*), Limbaji Muktaji (P D F), (*Manjlegaon*), G Sriramulu (P S P), (*Manthani*), Pampana Gowda Sharappa (Ind), (*Manvi*), Venkateshwar Rao (Con), (*Medak*), Varakantam Gopal Reddy (Con), (*Medchal*), Gangula Bhoomayya (Ind), (*Mel-*

palli), Vaman Rao Ram Rao (P & W P), (*Mominabad*), Dwarka Prasad Choudhari (SC), (Con), (*Mominabad (R)*), Gopal Shastrideo (Con), (*Mudhol*), Hanumanth Rao (P D F), (*Muluq*), G S Malkote (Con), (*Musheerabad*), Brahmareddi (Ind), (*Nagarkurnool*), Rama swami (SC), (Con), (*Nagarkurnool (R)*), Katta Rama Reddy (P D F), (*Nalgonda*), Lakshmayya (SC), (P D F), (*Nalgonda (R)*), Bhagwan Rao (Con), (*Nanded*), Appa Rao (Con), (*Narayankhed*), J Rama Reddy (Con), (*Narsapur*), Sheshrao Madhavrao (Con), (*Nilanga*), Gopi Reddy Ganga Reddy (P S P), (*Nirmal*), Ganga Ram (SC), (P S P), (*Nirmal (R)*), Mohammad Daver Hussain (Con) (*Nizamabad*) Singi Reddi Venkat Reddy (P D F), (*Nustulapur*), Phoolchand Ramchand Gandhi (Con), (*Omerga*), Udhave Rao (P & W P), (*Osmanabad*), Kalyan Rao (SC), (Con), (*Osmanabad (R)*), Bapuji Mansing (P D F), (*Parthan Gangapur*), Govindrao Keroji Gayakawad (SC), (Con), (*Parthan-Gangapur (R)*), Gopal Rao (P D F) (*Pakhal*), Annajee Rao (P & W P), (*Parbhani*) Vishwas rao (P & W P), (*Parenda*), Shrimati Shajihan Begum (Con), (*Pargi*), K Keshava Reddy (Con), (*Parkal*), Ankushrao Venkatrao (P & W P), (*Partur*), Ram Rao Balkishan Rao (Con) (*Pathri*), Ratanlal Kotecha (Con), (*Patoda*), K Venkatarama Rao (Con), (*Peddamunagal*) Muthayya (P D F), (*Pedda palli*) Manikchand Kewalchand Pahade (Con), (*Phulmarri*) L K Shroff (Con), (*Raichur*) K V Narayan Reddy (Ind) (*Rajgopalpet*) Kathakoori Ramachandra Reddy (P D F) (*Ramannapet*), Ramachandra Reddy, (P D F), (*Ramayanpet*), V B Raju (Con), (*Secundera bad*) J B Mutyal Rao (SC), (Con), (*Secundera bad (R)*), B Ramakrishna Rao (Con), (*Shad nagar*), Venkat Ranga Reddy (Con), (*Shahabad*), Virupakshappa (Con), (*Shahpur*), Shrimati Masooma Begum (Con), (*Shalibanda*), Mallappa (Con), (*Shorapur*), A Gurva Reddy (P D F), (*Siddipet*), Nago Rao Vishwanath (Con), (*Sullod*), Sivbasangouda (Ind), (*Sindhanoor*), Joganpalli Anand Rao (P D F), (*Sircilla*), Shrimati J M Rajmani Devi (SC), (S C F), (*Sircilla (R)*), M Buchaiah (Soc), (*Sirpur*), Mehdi Nawaz Jung (Con), (*Somajiguda*), A Raj Reddy (P D F), (*Sultanabad*), B Dharma Biksham (P D F), (*Suryapet*) Uppula Malchar (SC) (P D F), (*Suryapet (R)*), I K Praneshcharya (Con) (*Tandur-Serum*), Madhavrao Venkatrao Ghonsikar (Con) (*Udgir*), Tulsiram Dasharath Kamble (SC) (Con), (*Udgir (R)*), Shrimati Ashatai Waghamare (Con), (*Vanjapur*), Kandimalla Ramakrishna Rao (P D F), (*Vemsur*), M Chenna Reddi (Con), (*Vikarabad*), A Ramaswami (S C), (Con), (*Vikarabad (R)*), M Ram Reddy (P S P), (*Wanaparti*), M S Rajalingam (Con) (*Warangal*) Arutla Laxminarasimha Reddy (P D F), (*Waradannapet*), Jagannath Rao (Con) (*Yadgir*), Ambadas (SC), (Con), (*Yadgir (R)*) A Ningangowda (Con), (*Yelburga*) K L Narasimharao (P D F) (*Yellandu*), Vooke Nagaiah (ST) (Soc), (*Yellandu (R)*), Gunde Rao (Con) (*Zaheerabad*)

Abbreviations Con —Congress P S P —Praja Socialist Party, Ind —Independent, P D F —People's Democratic Front, S C F —Scheduled Castes Federation P & W P —Peasants and Workers Party, SC —Scheduled Castes, ST —Scheduled Tribes

MADHYA BHARAT ASSEMBLY GENERAL ELECTIONS

Population 7,954,154 (1951 final) Electorate 4,090 857 Seats 99 (17 for SC, 12 for ST), Constituencies 79 (59 SM, 20 DM)

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		Set up	For seats													
			Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	99	99	17	12	1		1	74	16	5	75	16	6	939 327	2
2	Socialist	59	59	8	7	—	—	—	4	—	4	4	—	4	145,843	50
3	Kisan Mazdoor Praja Party	8	8	—	—	—	—	—	—	—	—	—	—	—	7,963	8
4	Jan Sangh	42	42	5	4	—	—	—	4	—	1	4	—	1	192,208	14
5	Communist Party of India	18	18	5	—	—	—	—	—	—	—	—	—	—	89,600	16
6	Hindu Mahasabha	33	33	7	1	—	—	—	11	1	1	11	1	1	236,728	5
7	Ram Rajya Parishad	39	39	4	2	—	—	—	2	—	—	2	—	—	143,132	17
8	Madhya Bharat Bhumi Sewak Sangh	6	6	—	—	—	—	—	—	—	—	—	—	—	11,675	5
9	Madhya Bharat Kisan Congress Samiti	5	5	1	—	—	—	—	—	—	—	—	—	—	13 089	4
10	Independents	131	66	10	1	—	—	—	3	—	—	3	—	—	258,057	107
	Total	440	—	—	—	1	—	1	98	17	11	99	17	12	1,987,622	228

MADHYA BHARAT LEGISLATIVE ASSEMBLY

Speaker A S Patwardhan *Dy Speaker* V V Sarwate

Soubhagyamal Bapulal Jain (Con), (*Agar*), Bhima (ST) (P S P), (*Alirajpur (R)*), Kusamkantji Pooranchand Jain (Con), (*Alot*), Jamuna Prasad Singh (R R P), (*Ambah*), Chandana (SC) (Con), (*Ambah (R)*) Babu Ram (Con), (*Attavr*), Mishrilal Balchand Gangwal (Con), (*Bagli*), Sawaisingh Mohabat Singh (Con), (*Barnagar*), Jadavchand Gulabchand (Con), (*Burwaha*), Sitaram Sadhu (SC) (Con), (*Burwaha (R)*) Kishan Singh Dhir Singh (Con), (*Barwani (R)*), Niranjan Varma (H M S) (*Basoda*) Vimal Kumar Mannalal (P S), (*Bhanpura*), Vallabhdas Sitarm (Con) (*Bhilanguon*), Jamna Parshad Mukhraiya (H M S), (*Bhilsa*) Chaturbhuj Jatav (SC), (H M S), (*Bhilsa (R)*) Narsingh Rao Dixit (Con), (*Bhind*), Balmukand (Con), (*Bijaypur*), Madan Lal Bhikaram (Ind), (*Biaora*), Dwarkadas Ramnarain (H M S), (*Chachaura*), Kanhaiyalal Jagannath Khadiwal (Con), (*Depalpur*), Sajjansingh Vishnar (SC), (Con), (*Depalpur (R)*), Anand Sadashiv Patwardhan (Con) (*Dewas*) Bapu Kishan Malviya (SC), (Con), (*Dewas (R)*) Gopal Prasad (Con), (*Dhar Badnawar*), Jagannath (SC) (Con), (*Dhar Badnawar (R)*) Murlidhar Vishwanthrao Ghule (Con), (*Ghatigaon*) Ram Dhan Singh (Con), (*Gohad Mehgaon*), Prabhu (SC) (Con), (*Gohad-Mehgaon (R)*) Vindrawan Prasad Tiwari (H M S), (*Guna*) Purushottam Rao Inamdar (H M S) (*Gwalior*), Ramsingh Karansingh Verma (Con), (*Indore City 'A'*) Vyanktesh Vishnu Dravid (Con) (*Indore City B'*), Manoharsingh Hullasmal (Con), (*Indore City 'C'*), Vishnu Vinayak Sarwate (Con), (*Indore City 'D'*), Faizulla Allbux Chaudhri (Con), (*Jaora*), Badridutt Chaturbhuj (Con), (*Jawad*), Shrimati Jamnabai (ST) (P S P), (*Jhabua (R)*), Prem Singh (SI) (P S P), (*Jobat (R)*), Ramcharan Mishra (Con), (*Joora*), Bhagwan Dass Chaturvedi (H M S), (*Karera*), Ramchandra (Con), (*Khachraud Mahidpur*), Bheroolal Sewaji (SC) (Con), (*Khachraud Mahidpur (R)*), Manjulabai Wagle (Con) (*Khategaon*), Ramkant Khode (Con), (*Khargone*), Sawaisingh Mandloi (ST) (Con) (*Khargone (R)*), Raghuraj Singh (Ind), (*Khilchipur East*), Prabhudayal Bhanwarlal (ST) (Con), (*Khilchipur West*), Ratu (Con), (*Kukshi (R)*), Ram Singh (Con), (*Kurwai*), Har Sewak Mishra (Con), (*Lahar*) Gokul Prasad (SC) (Con), (*Lahar (R)*), Har Kishore (H M S) (*Lashkar*), Ramlal Ji (Con), (*Manasa*), Shiv Bhan (ST) (Con), (*Manawar North (R)*) Kirat Singh (SI) (H M S), (*Manawar South (R)*), Bhagwandas Kuwarji (Con), (*Mandsaur North*), Shyamsukh Sedmalji Garg (Con), (*Mandsaur South*) Rustamji Cowasji Jall (Con) (*Mhow*), Shyamlal Pandviya (Con), (*Morar*) Murlidhar Singh (P S P), (*Morena*) Karan Singh (SC) (Con), (*Morena (R)*) Kundan Lal Madan Lal Varva (Con), (*Mungaoli*) Radha Vallabh (Con), (*Narsingarh*), Bhanwarlal Jivan (SC) (Con), (*Narsingarh (R)*) Sitaram Surajmal Jaju (Con), (*Neemuch*), Ram Dayal Singh

Raghuvanshi (Con) (*Pachhar*) Dulichand Sumerchand (SC) (Con), (*Pachhar (R)*), Devlal Rudra (Con), (*Pichhore-Bhandair*), Kishorilal Sukhram (SC) (Con) (*Pichhore Bhandair (R)*), Laxmi Narain Gupta (H M S), (*Pichhore North*), Diwan Burjor Singh (H M S), (*Pichhore South*), Raja Balbhadrasingh (Ind), (*Raghogarh*), Shrimati Pratibha Datta (Con), (*Rajgarh*), Hiralal Sharma (J S), (*Rajpur*), Dr Premsinghji (Con), (*Ratlam City*) Devisinghji (Con), (*Ratlam Tehsil*) Laxmichand (Con), (*Sabalgarh*), Jetha (S1) (Con), (*Sailana (R)*) Shankarlal (Con), (*Sardarpur*), Ram Chandra Bade (J S), (*Sendhwa*), Barku (ST) (Con), (*Sendhwa (R)*), Hari Laxman Masurkar (Con), (*Shajapur*), Kishanlal Nagaji (SC) (Con), (*Shajapur (R)*), Udaibhan Singh (Con), (*Sheopur Pohri*) Soma (ST) (Con) (*Sheopur Lohri (R)*), Narhari Prasad (Con) (*Shivpuri Kolaras*), Tula Ram Jatav (SC) (Con) (*Shivpuri Kolaras (R)*) Trayambak Sadashiv Gokhle (Con) (*Shujalpur*), Bapulal Champalal Chaudhary (Con), (*Sitamau*) Dhaniram Harischandra Sagar (SC) (Con) (*Sitamau (R)*) Vijaysingh Hirasingh (Con), (*Sonkatch*) Rana Mansingh Kalusingh (Con), (*Susner*) Rameshwar Dayal Totla (Con), (*Tarana*) Lalsingh Manna (ST) (P S P), (*Thandla (R)*) Vishvanath Vasudeo (Con), (*Ujjain City*) Moulana Masood Ahmed Mahmood Ahmed (Con), (*Ujjain Tehsil*) Durgadass Bhagwandass (SC) (Con), (*Ujjain Tehsil (R)*) Ranvijay Singh (R R P), (*Umri*)

Abbreviations Con —Congress, P S P —Praja Socialist Party, H M S —Hindu Mahasabha, R R P —Ram Rajya Parishad J S —Jan Sangh SC —Scheduled Castes ST —Scheduled Tribes

MYSORE LEGISLATIVE COUNCIL*

Chairman K T Bashyam *Dy Chairman* P Gopalakrishna Chetty

Graduates' Constituency

G Veerappa (*Davangere*), I S Rajagopala Iyengar (*Mysore*), A N Rama Rao (*Bangalore*)

Teachers' Constituency

M P L Sastry (*Bangalore*) K Sampathgiri Rao (*Bangalore*), H R Abdul Gaffar (*Bangalore*)

Local Authorities' Constituencies

KOLAR DISTRICT

C H Venkataramanappa (*Kolar*) D Venkataramiah (*Kolar*)

TUMKUR DISTRICT

T N Kempa Honnaiah (*Tumkur*)

BANGALORE DISTRICT

R Subbanna (*Bangalore*), S R Gurulingaiah *alias* S R Guru (*Dodballapur*)

MANDYA DISTRICT

J Deviah (*Mandya Town*)

MYSORE DISTRICT

P Sitharamiah (*Mysore*), R P Revanna (*Chamarajanagar Taluk*)

HASSAN DISTRICT

Y Dharmappa (*Hassan*)

CHIKMAGALUR DISTRICT

N P Govinda Gowda (*Chikmagalur*)

SHIMOGA DISTRICT

U P Shankara Rao (*Shimoga*)

CHITALDURG DISTRICT

T Veeranna (*Challakere Taluk*), J Krishna Rao (*Davangere City*)

Elected by Legislative Assembly

K T Bhashyam (*Bangalore City*) I P Brahmaiah (*Tumkur*) H M Gangadhariah (*Tumkur*) M Hanumanthaiah (*Nelamangala*) M N Jois (*Mysore City*), Srimathi M R Lakshamma (*Bangalore*) M N Mahanta Devaru (*Mysore*) B T Ramiah (*Bangalore*) M Shankaraiya (*Mysore City*), S Sivappa (*Channarayapatna Taluk*), P Thirumale Gowda (*Maddur Town, Mysore*) S Veerabasappa (*Chitaldurg*), M Velluri (*Bangalore*)

Nominated

K R Seshachar (*Retired Chief Engineer*) T Chowdriah (*Asthana Vidwan*) G H Veeranna (*Vatukaratna*) Rumale Channabasaviah P Gopalakrishna Setty (*Advocate*) C J Devanath (*Advocate*) Gorur Ramaswamyengar, Syed Ghouse Mohyuddin (*Editor, Alkalam*)

* About a third of the members were due to retire in April 1954

MYSORE ASSEMBLY GENERAL ELECTIONS

Population 9 074 972 (1951 final) Electorate 3 960,733 Seats 99 (19 for SC) Constituencies 80 (61 SM 19 DM)

Parties	Candidates			Uncontested Gains		Contested Wins		Elected		Valid Votes Polled	Forfeited Deposit
	Set up	for seats									
		Total	SC	Total	SC	Total	SC	Total	SC		
1 Congress	99	99	19	1	1	73	13	74	14	1,276,383	—
2 Socialist	46	46	7	—	—	3	—	3	—	235 747	23
3 K M P P	62	62	10			8	1	8	1	418 394	22
4 Jan Sangh	23	23	2				-	—	-	61,418	18
5 C P I	5	5	1			1		1		25,116	4
6 S C I	8	8	4			2	2	2	2	60 684	4
7 Hindu Mahasabha	1	1	—	—	-	—	-	—	-	2 543	1
8 Independents	150	75	11	—	—	11	2	11	2	665,228	94
Total	394	—	—	-	-	-		99	—	2 745 515	166

MYSORE LEGISLATIVE ASSEMBLY*

Speaker Vacant *Dy Speaker* R Chennigaramiah

K Panchakshariah (Con), (*Arsikere*), G A Thimmappa Gowda (Con), (*Arkalgud*), B V Narayana Reddy (P S P), (*Bagepalli-Gudibanda*), K V Byregowda (Con), (*Bangalore North*), R Munisamiah (SC), (Con), (*Bangalore North (R)*), A V Narasimha Reddy (Con), (*Bangalore South*), B T Kempa Raj (SC) (Con), (*Bangalore South (R)*), B Madhavachar (Con), (*Bhadravati*), R K Prasad (Con), (*Bangarpet*), P R Ramaiya (Con), (*Basavangudi*), B N Boranna Gowda (Con), (*Belur*) H K Siddiah (SC) (Con) (*Belur (R)*), U M Madappa (P S P), (*Chamarajanagar*) R Anantaraman (Con) (*Chamarajpet*), L Siddappa (P S P) (*Channagiri*), V Venkatappa (Con), (*Channapatna*) vacant (*Channarayapatna*), Shrimati B L Subbamma (Con), (*Chikmagalur-Mudigere*), G Puttaswamy (SC), (Con), (*Chikmagalur Mudigere (R)*) C H Lingadevaru (Con) (*Chiknayakanahalli*) M C Anjaneya Reddy (Ind) (*Chintamani*), Narayanappa (SC) (Ind), (*Chintamani (R)*), Mulka Govinda Reddy (P S P) (*Chitaldurg*), B M Seenappa (Con), (*Culbonpet*), Shrimati Ballary Siddamma (Con), (*Davangere*), T Siddalingaiah (Con), (*Dodballapur*), D Venkatesh (Con), (*Gandhinagar*), N C Nagaiah Reddy (Con), (*Goribidnur*), C M Annayyappa (Con), (*Gubbi*), H K Shivarudrappa (Ind), (*Gundlupet Heggadadevankote*), Siddiah *alias* Kunniah (SC), (Ind), (*Gundlupet Heggadadevankote (R)*), H Siddaveerappa (Con) (*Harihar*), D R Kari Gowda (Con), (Hassan) V Masiyappa (Con), (*Hiriyur*), T Hanumaiya (SC) (Con), (*Hiriyur (R)*), G Shivappa (Con), (*Holalkere*), G Duggappa (SC), (Con), (*Holalkere (R)*), A G Ramachandra Rao (Con), (*Hole Narsipur*), H S Rudrappa (Con), (*Honnali*), G Basappa (Con), (*Hosadurga*), Shrimathi Lakshmidevi Ramanna (Con), (*Hoskote-Anekal*) H T Puttappa (SC), (Con), (*Hoskote Anekal (R)*) N Huchamasthegowda (Con), (*Huliyurdurga*) D Devaraja Urs (Con), (*Hunsur*), J Mohamed Imamsab (P S P), (*Jagalur*), B Chikkanna (Con) (*Javagal*) Y M Chandrasekharaiah (Con), (*Kadur*) K G Thimme Gowda (Con), (*Kankanhalli*) K Pattabhiraman (Ind), (*Kolar*), K S Vasan (C P I), (*Kolar Gold Fields*), P M Swamidorai (SC), (S C F), (*Kolar Gold Fields (R)*), B C Nanjundiah (Con), (*Kora*), Muddu Ramaiah (Con), (*Koratagere Madhugiri*), R Chennigaramiah (SC), (Con), (*Koratagere Madhugiri (R)*), S H Thammiah *alias* Hanumanthegowdara Thammiah (Ind), (*Krishnarajanagar*), S M Lingappa (Con), (*Krishnarajpet*), T N Mudlagiri Gowda (Con) (*Kunigal*), H K Veeranna Gowda (Con), (*Maddur*), K V Shankara Gowda† (Con), (*Mandya*), S Siddappa (Con), (*Magadi*), B P Nagaraja Murthy (P S P), (*Malavalli*), M Chikkalingiah (SC), (S C F)

* Member from Bellary not included † Resigned membership on March 25 1954

(*Malavalli (R)*), V R Naidu (Con), (*Malleswaram*) H C Linga Reddy (Con), (*Malur*), A Bhimappa Naik (Con) (*Molakalmuru*) G Narayana Gowda (Con) (*Mulbagal-Srinivasapur*) T Channiah (SC), (Con) (*Mulbagal Srinivasapur (R)*) T Mariappa (Con) (*Mysore City North*), B Narayanaswamy (Con), (*Mysore City (South)* Shivananje Gowda (Con), (*Mysore Taluk*) K Singari Gowda (Con) (*Nagamangala*) M Linganna (Ind) (*Nanjangud*) M Madiah (SC) (Con) (*Nanjangud (R)*) D M Govindaraju (Con) (*Nelamangala*) K Prabhakar (SC) (Con) (*Nelamangala (R)*) Mahmanthiah (SC) (Con) (*Pavagada (R)*), B Y Neelegowda (Con), (*Pandavapura*) S M Mariyappa (Ind) (*Periyapatna*) K Hanmanthiah (Con) (*Ramnagaram*), S Gopala Gowda (P S P) (*Sagar cum Hosanagar*), S R Nagappa Setty (Con), (*Shimoga*) G Papanna (Con) (*Sidlagatta Chikballapur*) A Munivappa (SC) (Con) (*Sidlagatta Chikballapur (R)*) B N Ramegowda (Ind) (*Sira*) H Siddaiya (Con), (*Sorab cum Shikaripur*) A Ganganayak (SC), (Con) (*Sorab cum Shikaripur (R)*) K Puttaswamy (Con) (*Srirangapatna*) V M Mascarenhas (Con) (*St John's Hill*) I C Basappa (Con) (*Tarikere*) T G Thimmegowda (Con) (*Tiptur*) Kadidal Manjappa (Con) (*Thirthalli Koppa*) S Srinivasa Iyengar (P S P), (*T Narasipur*), M V Rama Rao (Con), (*Tumkur*) B Hutche Gowda (P S P), (*Turuvekere*) M Palaniappan (Con), (*Ulsoor*) S Kariyappa (Con) (*Virupakshipura*) M Rajasekharamurthy (Ind) (*Yelandur*) B Rachiah (SC) (P S P), (*Yelandur (R)*)

Abbreviations Con—Congress P S P—Praja Socialist Party Ind Independent S C F—Scheduled Caste Federation C P I—Communist Party of India S C—Scheduled Castes

PEPSU ASSEMBLY FIRST GENERAL ELECTIONS

Population 3 493 687 (1951 final) Electorate 1,758 026 Seats 60 (10 for SC), Constituencies 50 (40 SM, 10 DM)

	Parties	Candidates			Uncontested Gains		Contested Wins		Elected		Valid Votes Polled	Forfeited Deposit
		Set up	for Seats									
			Total	SC	Total	SC	Total	SC	Total	SC		
1	Congress	53	53	8	—		26	5	26	5	395 750	7
2	Socialist	18	18	2			—	—	—	—	23 899	15
3	Kisan Mazdoor Praja Party	15	15	1	—	—	1		1	—	20,179	14
4	Jan Singh	27	27	1	—	—	2		—	—	52 905	22
5	Communist Party of India	7	7	—	—		2	—	2	—	33 235	3
6	Scheduled Castes Federation	5	5	2		—	1	1	1	1	43 932	1
7	Forward Bloc (M)	12	12	1	—	—	—	—	—		24,156	10
8	Krishikar Lok Party	2	2		—	—	—	—			15 103	—
9	Akali Party	41	41	7	—	—	19	3	19	3	317 502	6
10	Lal Communist Party	14	14	3	—		1	—	1	—	58 500	7
11	Independents	180	57	9	1	1	7	—	8	1	369 294	144
	Total	374	—	—	1	1	59	9	60	10	1 354,455	229

PEPSU LEGISLATIVE ASSEMBLY

A second general election took place early in 1954

Total seats 60 Electorate 1 880 165

	Contested	Won	Votes polled
Congress	60	37	702 077
Right Akhali	35	10	324 699
Left Akhali	22	2	120 210
Communists	9	4	98 697
P S P	4	Nil	2 228
Hindu Sabha	8	Nil	14 003
Jan Sangh	11	Nil	17 406
Independents	22	7	336 485

Independents include four National Front nominees

Speaker, Ramsaranchand Mittal, *Dy Speaker*, Sardar Chet Singh

The list of members given below is arranged according to party

Congress

Col Raghbir Singh (*Patiala*) Gurbakhshik Singh (*Sherpur*) Parduman Singh (*Dhuri—General*), Lehna Singh (*Dhuri—Reserved*), Kanwar Manjit Inder Singh (*Kot Kapura*) Ramsaran Chand Mittal (*Narnaul*) Thakur Singh (*Kapurthala*) Gian Chand (*Kandaghat—General*) Roshan Lal (*Kandaghat—Reserved*), Nihal Singh (*Nangal Chaudhri*), Sham Manohar (*Ateli*) S Chanda Singh (*Ahmedgarh*), S Kirpal Singh (*Banur*), S Harchand Singh (*Banur*) Kali Ram (*Safidon*) Nawab Iftikhar Ali Khan (*Malerkotla*), S Dal Singh (*Jind*) Mangal Singh (*Mohindergarh*) Hira Singh (*Jaito*) Hans Raj Sharma (*Phagwara—General*) Sadhu Ram (*Phagwara—Reserved*) Lal Singh (*Kamina*) Amir Singh (*Dadri—General*) Ram Chand (*Dadri—Reserved*) S Prem Singh Prem (*Rajpura*) Shamsher Singh (*Mani*) Brish Bhan (*Kalyat*) Devinder Singh (*Sangrur*) Raja Surinder Singh (*Nalagarh*) Thakur (*Narwana*) Shiv Dev Singh (*Nabha*) Balwant Singh (*Sirhind*) S Chet Singh (*Nehianwala Raman*) Shrimati Chandrawati (*Badhra*) Harcharan Singh (*Bhatinda*) Raja Maheshindra Singh (*Sunam*) Shri Bhagwant Singh (*Bhadson*)

Akali Dal (Tara Singh Group)

Mrs Rarewala (*Patiala City*) Baba Harnam Singh (*Bholath*) S Atma Singh (*Sultanpur*), Jangir Singh Phaguwala (*Bhawanigarh*) S Pritam Singh (*Sardulgarh*), S Kartar Singh Diwana (*Barnala*) S Kartar Singh (*Nehianwala—Raman*) S Beant Singh (*Basi*)

Akali (Left wing)

S Dhanna Singh (*Phul—Reserved*)

Communist

Hardit Singh (*Dhanaula*) S Arjan Singh (*Phul—General*) S Jangir Singh (*Mansa*)

Independent

Raja of Faridkot (*Faridkot*) Shri Ghasi Ram (*Julana*) Surinder Nath (*Samana*) Pritam Singh (*Samana*) S Gian Singh Rarewala (*Amloh General*) S Mohan Singh Gill (*Amloh—Reserved*) Ch Albel Singh (*Narwana*)

RAJASTHAN ASSEMBLY GENERAL ELECTIONS

Population 15,290,797 (1951 final) Electorate 7,620,000 (approximately)
Seats 160 (16 for SC, 5 for ST) Constituencies 140 (120 SM, 20 DM)

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		Set up	for Seats													
			Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	152*	136	16	5	7	2	3	75	14	2	82	16	5	1,288,832	11
2	Socialist	52	52	3	1	—	—	—	1	—	—	1	—	—	136,464	41
3	Kisan Mazdoor Praja Party	6	6	—	—	—	—	—	1	—	—	1	—	—	16,411	4
4	Jan Sangh	50	50	4	—	—	—	—	8	—	—	8	—	—	193,541	31
5	Communist Party of India	11	11	—	—	—	—	—	—	—	—	—	—	—	17,181	11
6	Scheduled Castes Federation	1	1	1	—	—	—	—	—	—	—	—	—	—	7,280	1
7	Ram Rajya Parishad	59	59	2	—	—	—	—	24	—	—	24	—	—	399,968	14
8	Krishikar Lok Party	46	46	3	—	—	—	—	7	—	—	7	—	—	270 807	19
9	Hindu Mahasabha	6	6	—	—	—	—	—	2	—	—	2	—	—	28,183	1
10	Forward Bloc (M)	1	1	—	—	—	—	—	—	—	—	—	—	—	1,331	1
11	Kisan Janta Sanyukt Party	6	6	—	—	—	—	—	—	—	—	—	—	—	7,164	6
12	Independents	228†	109	7	1	—	—	—	35	—	—	35	—	—	891,478	147
	Total	618	—	—	—	7	2	3	153	14	2	160	16	5	3,258,640	287

* Four of these contested from two constituencies each † One of these contested from two constituencies

An estimate of party strength at present (March 1954) is as follows Congress 93 Sanyukat Dal 25 Independents 1, Rama Rajya Parishad 4, Communist 1 Kisan Sabha 1 Praja Socialist Party 1

RAJASTHAN LEGISLATIVE ASSEMBLY *

Speaker Narottam Lal Joshi *Dy Speaker* Lal Sinha Saktawat

Chhotu Singh (Con), (*Alwar*), Kr Tej Singh (Ram Rajya Parishad) (*Amber (A)*) Maharawal Sangram Singh (Sanyukat dal), (*Amber (B)*), Chandra Kant Rao (Sanyukat dal) (*Arter Mangrol*) Jaisingh Ranawat (Con), (*Asind*), Himmat Singh of Atru (Sanyukat dal) (*Atru*) Jagat Singh Jhala (Sanyukat dal), (*Badi Sadri Kapasan*) Lal Chand (SC) (Con) (*Badi Sadri Kapasan (R)*) Hari Ram Ninawa (ST) (Con) (*Bagidora (R)*), Mukti Lal Modi (Con) (*Bairath*) Laxman Singh (Ind) (*Bali*) Bhairon Singh Barkana (Sanyukat dal) (*Bali Desuri*), Bishamber Nath Joshi (Con) (*Bandikui*) Badri Prasad Gupta (Con) (*Bansur*) Shrimati Yashoda Devi (PSP) (*Banswara*) Dr Mangal Singh (Con) (*Bari*), Hansraj Jatia (SC), (Con), (*Bari (R)*) Tan Singh (Ram Rajya Parishad), (*Barmer (A)*) Nathu Singh (Sanyukat dal), (*Barmer (B)*) Madho Singh (Sanyukat dal) (*Barmer (C)*), Sugan Chand Jain (Con) (*Begun*) Ramji Lal Yadav (Con) (*Behror*) Hans Raj Arya (Con), (*Bhadra*) Hari Dutt (Sanyukat dal) (*Bharatpur*), Mohabat Singh (Sanyukat dal), (*Bhavri*) Tej Mal (Con) (*Bhilwara*) Sangram Singh (Sanyukat dal) (*Bhim*) Moti Chand Khazanchi (Con), (*Bikaner City*) Jaswant Singh (Sanyukat dal) (*Bikaner Tehsil*), Santosh Singh Kachhawaha (Sanyukat-dal), (*Bilara*), Chittar Lal Sharma (Sanyukat-dal) (*Bundi*), Ved Pal Tyagi (Con) (*Chabra*), Har Lal Singh (Con), (*Chirawa*), Partab Singh (Sanyukat-dal) (*Chitor*), Chaudhary Kumbha Ram (Con), (*Churu*), Prabhu Dayal (SC), (Con), (*Churu (R)*), Bheron Singh (Sanyukat dal) (*Dantaramgar*), Srigopal Bhargava (Con), (*Dholpur*) Mathura Das (Con), (*Didwana*), Moti Lal (Con), (*Didwana Parbatsar*), Hari Deo Joshi (Con), (*Dungarpur*), Somawalu Bhil (ST), (Con) (*Dungarpur (R)*) Moti Ram (Con) (*Ganganagar*), Dhulji Bhai Bhavsar (Con) (*Ghatol*) Talsinha Saktawat (Sanyukat dal) (*Girwa*) Ridhi Chand (Con), (*Hindaun*) Chhanga (SC) (Con) (*Hindaun (R)*) Sajjan Singh (Sanyukat dal), (*Hindoli*), Ram Dayal (Con) (*Jahazpur*) Shah Ahmuddin (Con) (*Jaipur City (A)*), Ram Kishore Vyas (Con), (*Jaipur City (B)*) Gulab Chand Kasliwal (Con), (*Jaipur City (C)*), Narayan Chaturvedi (Con) (*Jaipur-Chaksu*), Hari Shanker Sidhant Shastri (SC), (Con), (*Jaipur Chaksu (R)*), Mohan Singh Bhati (Sanyukat dal) (*Jaitaran East-Sojat East*) Hanwant Singh (Sanyukat-dal), (*Jaisalmer*), Umed Singh (Sanyukat-dal) (*Jaitaran North West*) Madho Singh (Ind) (*Jalore (A)*), Hari Singh (Sanyukat dal) (*Jalore (B)*) Man Singh (Ram Rajya Parishad) (*Jamwa Ramgarh*) Chattar Singh (Sanyukat dal) (*Jaswantpura*), Ganpat Singh (Sanyukat dal), (*Jaswantpura-Sanchore*), Bhagwan Singh Tarangi (Con), (*Jhalrapatan*), Madho Lal Mehar (SC) (Con), (*Jhalrapatan (R)*) Narottam Lal (Con) (*Jhun Jhunu*) Dwarkadas Purohit (Con) (*Jodhpur City (A)*) Hari Krishna Vyas (Communist) (*Jodhpur City (B)*) Mangal Singh Kachawaha (Sanyukat dal) (*Jodhpur Tehsil North*) Narsingh Kachhawah (Con) (*Jodhpur Tesil South*) Mohammad Ibrahim (Con) (*Kaman*) Raj Kumar Brijendra Pal (Sanyukat dal) (*Karauli*) Sheo Dan Singh (Sanyukar dal) (*Khamnor*) Jujhar Singh (Sanyukta dal) (*Khanpur*) Thakur Raghubir Singh (Sanyukat dal) (*Khetri*) Mahadev Prasad (SC) (Con) (*Khetri (R)*) Vijai Singh (Sanyukat dal (*Khumbalgarh*) Raghuraj Singh (Sanyukat dal) (*Kishangarh*) Jai Narain Vyas (Con) (*Kishangarh*) Hazarilal Sharma** (Con), (*Kotputli*) Raja Man Singh (Kisan Sabha) (*Kumner*) Bal Vir (Con) (*Lachmangarh*), Narayan Lal (SC) (Con) (*Lachmangarh (R)*) Bhola Nath (Con) (*Lachmangarh Rajgarh*) Sampat Ram (SC) (Unopposed) (Con) (*Lachmangarh-Rajgarh (R)*) Dalip Singh (Con) (*Ladpura*) Kanwar Lal Jella (Con), (*Ladpura (R)*) Ram Karan Joshi (Con), (*Lalsote Dausa*), Ram Lal Bansiwal (SC) (Con), (*Lalsote Dausa (R)*) Udai Lal (Con), (*Lasadia*) Tika Ram Paliwal (Con), (*Mahana*) Virendra Singh (Con) (*Malarna Chour*), Damodar Lal Vyas (Con) (*Malpura*) Chuni Lal (Con) (*Mandal*), Kesri Singh Bejolia (Sanyukat-dal), (*Mandalgarh*), Ghasi Ram Yadav (Con), (*Mandawar*), Jeyendra Singh (Sanyukat-dal), (*Manohar Thana*), Bhopal Singh (Sanyukat-dal) (*Merta East*), Nathu Ram (Con), (*Merta West*), Shyam Lal (Con), (*Nadoti*) Gopi Lal Yadav (Ind) (*Nagaur*) Ram Niwas Maddha (Con) (*Nagaur East*) Keshri Singh of Nagaur (Sanyukat-dal) (*Nagaur West*) Thakur Bhimsingh (Sanyukat dal) (*Nawalgarh*) Kishan Lal Shah (Con), (*Nawan*) Chaudhary Jadu Ram (Con), (*Neem-ka-Thana (A)*), Rup Narain (Ram Rajya Parishad), (*Neem-ka Thana (B)*) Kapil Deo (Con), (*Neemka Thana (C)*), Manphool Singh (Con), (*Nohar*) Kan Singh (Sanyukat-dal) (*Nokha*) Bishan Singh (Sanyukat dal) (*Pali Sojat*) Chand Mal (Con) (*Parbatsar*) Badri Lal (Con) (*Partabgarh Nimbahera*) Manna Bhil (ST) (Con) (*Parbatsar Nimbahera (R)*), Kesri Singh (Sanyukat dal), (*Patan*) Abani Kumar Mookerjee (Sanyukat dal) (*Phagi*) Himmat Singh (Sanyukat-dal), (*Phalodi*) Iej Raj Singh (Sanyukat dal), (*Pipalda*) Gurdayal Singh Sandhu (Con) (*Raisinghnagar Karanpur*) Dharam Pal (SC) (Con) (*Raisinghnagar Karanpur (R)*) Bhairon Singh (Sanyukat dal), (*Rajsamand Belmagra*) Amrit Lall Yadav (SC) (Con) (*Rajsamand Belmagra (R)*) Durlab Singh (Con) (*Ramgarh*) Madhav Prasad N Pandit (Con) (*Ratangarh*) Shribhan Singh (Sanyukat dal) (*Roopbas*) Bhanu Pratap Singh (Sanyukat dal), (*Roop nagar*) Chaudhary Ram Chander (Con) (*Sadulgarh*), Bhogi Lal Pandya (Con) (*Sagwara*) Roshan Lal (Con) (*Sanja*) Deenbhandu Parmar (ST) (Con) (*Sanja (R)*) Mohammad Abdul Hadi (Con) (*Sanchore*) Lal Bahadur (Con) (*Sangod*), Thakur Dharam Chandar (Sanyukat dal), (*Sapotra*), Sohan Lal (Con), (*Sarada Salumber*), Laxman Hirat (ST) (Con), (*Sarada-Salumber (R)*), Chandan Mal Bald (Con), (*Sardarshahar*), Shri Dass Goel (Con), (*Sawai Madhopur*), Sambhu Singh (Sanyukat dal), (*Shahada*), Rajadhiraj Amar Singh (Sanyukat-dal), (*Shahpura Banera*), Kastoor Chand (SC), (Con), (*Shahpura Banera (R)*) Arjun Singh (Ind), (*Sheogan*), Khet Singh (Ind) (*Shergarh*) Ishwar Singh (Sanyukat dal), (*Sikar Tehsil*) Radha Krishna (Con), (*Sikar Town*), Triveni Shyam Sharma (Con) (*Sikrai*) Jawan Singh Solanki (Sanyukat dal), (*Sirohi*) Brij Sunder Sharma (Con), (*Sirohi*) Mota Ram (Sanyukat dal) (*Siwana*), Keshari Singh of Sojat (Sanyukat dal), (*Sojat*) Bhairon Singh (Sanyukat-dal), (*Sojat Desuri*), Pratap Singh (Sanyukat dal), (*Sujangarh*), Bhawani Sahai Sharma (Con), (*Thanagazi*), Rao Raja Sardar Singh (Sanyukat-dal), (*Umara*), Ghasi Ram (Con), (*Tijara*), Ram Ratan (Con), (*Tonk*), Lalu Ram (SC), (Con), (*Tonk (R)*), Devi Singh (Sanyukat dal), (*Udaipur*), Mohan Lal Sukhadia (Con), (*Udaipur City*), R S Dilip Singh (Sanyukat-dal), (*Unthala*), Ghisi Singh Katala (Con), (*Weir*), Tej Pal (SC), (Con), (*Weir (R)*)

Abbreviations Con—Congress, Soc—Socialist, Ind—Independent

* 19 Jagirdar members of the Opposition have joined the Congress Legislature Party. ** Void

SAURASHTRA ASSEMBLY GENERAL ELECTIONS

Population 4,137,359 (1951 final) Electorate 1,806,997 Seats 60 (4 for SC 1 for ST), Constituencies 55 (50 SM, 5 DM)

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		Set up	for Seats													
			Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	59	59	3	1	2	—	1	53	3	—	55	3	1	608 372	—
2	Socialist	28	28	2	—	1	1	—	1	—	—	2	1	—	34,799	25
3	Kisan Mazdoor Praja Party	16	15	—	—	—	—	—	—	—	—	—	—	—	30 343	11
4	Jan Sangh	3	3	—					—	—	—	—	—	—	4,346	2
5	Communist Party of India	3	3	—	—		—	—	—	—	—	—	—	—	7 791	1
6	S C F	3	1	3	—	—	—	—	—	—	—	—	—	—	4 977	3
7	Hindu Mahasabha	25	25	1	—	—	—	—	—	—	—		—	—	43,043	21
8	Ram Rajya Parishad	1	1	—	—	—	—	—	—	—	—	—	—	—	3,660	
9	Forward Bloc (M)	1	1	—	—	—	—	—	—	—	—		—	—	1 621	
10	Khedut Sangh	35	34	2	—	—	—	—	1	—	—	1	—	—	138,013	10
11	Independents	51	30		—	—	—		2	—	—	2		—	76 600	42
	Total	225		—	—	3	1	1	57	3		60	4	1	953 765	115

SAURASHTRA LEGISLATIVE ASSEMBLY

Speaker Maganlal B Joshi *Dy Speaker* Premchand M Shah

Gajanan Bhavanishankar Joshi (Con), (*Babra*), Keshavji Arjan Patel (Con) (*Bhanvad Jamjodhpur*) Vrajlal Gokaldas Vora (Con), (*Bhavnagar City (East)*) Ajitrai Manshankar Oza (Con), (*Bhavnagar City (West)*), Karsan Jeram Kanbi (Con), (*Bhavnagar Dascroi-Sahor*), Bhupatbhai Vrajlal Desai (Con) (*Dasada-Lakhtar*), Vajubhai Manilal Shah (Con), (*Dhoraji*) Manaharlal Mansukhlal Shah (Con) (*Dhrangadhra*), Hansraj Jivandas Vaghani (Con), (*Dhrol-Jodiya*), Govindji Keshavji Patel (Con), (*Gondal Kunkavav*), Haribhai Ranabhai Bhaskar (SC), (Con) (*Gondal-Kunkavar (R)*), Labhshanker Maganlal Shukla (Con), (*Halvad Muli*) Kanubhai Jivanlal Laheri (Con), (*Jafrabad Rajula*), Ratanshi Bhanji Patel (Con) (*Jamjodhpur Lalpur*) Alarakha Hasan Hamirka (*Jamnagar City (East)*) Pulchand Purushottam Tamboli (*Jamnagar City (West)*), Maganlal Bhagwanji Joshi (Con), (*Jamnagar Taluka*), Prabhatgiri Gulabgiri Gonsai (Con) (*Jasdan*), Babubhai Pranjivan Vaidya (Con) (*Jetpur*), Parmanandas Jivanlal Kathrecha (Con), (*Junagadh-Bhesan*), Chittaranjan Rugnath Raja (Con), (*Junagadh City*), Kalyanji Harji Vasant (Con) (*Kalyanpur*) Bhimji Rudabhai Changela (Con) (*Kandorna Bhayavadar*) Ratubhai Mulshanker Adani (Con), (*Keshod*) Chandrasinhji Dipsinhji Jadeja (Ind), (*Kalavad Dhrol*), Harilal Ramji Nakum (Con), (*Khambhalia*), Amulakhrai Kushalchand Khimani (Con) (*Kundla*), Daya shanker Trikamji Dave (Con) (*Kutiyana Ranavav*) Limba Jasmat Savani (Con), (*Lathi*), Mohan Dharamsi Vaghani (Khedut Sangh) (*Lalia*) Acharya Labhshankar Devshanker (Con), (*Limbdi Lakhtar*), Ghanashyamlal Chhotalal Oza (Con), (*Limbdi Wadhwan*), Hamir Jiva Vankar (SC) (Soc), (*Limbdi Wadhwan (R)*) Jadavji Keshavji Modi (Con), (*Mahuva Taluka*) Jasvantrai Nanoobhai Mehta (Soc), (*Mahuva Town*) Kanji Kachara Mori (Con), (*Malia (Hatina) Mendarda*), Shrimati Jaya Vajubhai Shah (Con), (*Mangrol*) Rajendra Rugnath Raya (Con) (*Morvi Malia*) Abdulla Hamir Kajedia (ST), (Con) (*Morvi-Malia (R)*), Balkrishna Dinmani Shanker Shukla (Con) (*Paddhari Lodhika Kotda Sangani*) Jorsinh Kasalsing Indrani (Con) (*Palitana Chok*) Motilal Gordhandas Joshi (Con), (*Patan Veraval Taluka*) Mathuradas Gordhandas Bhupta (Con), (*Porbandar City*), Maldevji M Odedra (Con) (*Porbandar Taluka*), Chimanlal Nagardas Shah (Con) (*Rajkot City (North)*) Girdarlal Bhavanbhai Kotak (Con) (*Rajkot City (South)*), Kurji Jadavji Vekaria (Con), (*Rajkot Taluka*), Rasiklal U Parikh (Con), (*Sayla-Chotila*) Chhaganlal Laljibhai Gopani (Con) (*Songadh Umrala*) Prabhudas Ramjibhai Mehta (Ind) (*Talaja Datha*) Hamir Sarman Solanki (Con), (*Talala*) Suragbhai Kalubhai Varu (Con) (*Una*) Uchhrangrai Navalshanker Dhebar (Con) (*Upleta*) Premchand Maganlal Shah (Con) (*Vallabhipur Gadhada*), Kanji Savji Revar (SC) (Con) (*Vallabhipur Gadhada (R)*) Ramji Parbat Vikani (Con), (*Vanthali Mahavadar Bantwa*) Jivraj Vishram Gohel (SC), (Con), (*Vanthali Manavadar Bantwa (R)*) Shrimati Pushpaben Janardan Mehta (Con) (*Veraval Town*) Narshi Velji Borad (Con), (*Visavadar*) Shantilal Rajpal Shah (Con), (*Wankaner*)

Abbreviations Con —Congress, Ind — Independent Soc —Socialist S C —Scheduled Caste, S T —Scheduled Tribe

TRAVANCORE-COCHIN FIRST ASSEMBLY GENERAL ELECTIONS

Population 9,280,425 (1951 final) Electorate 4,200,000 (Approx) Seats 108 (11 for SC) Constituencies 97 (86 SM, 11 DM)

	Parties	Candidates			Uncontested Gains		Contested Wins		Elected		Valid Votes Polled	Forfeited Deposit
		Set up	for Seats									
			Total	SC	Total	SC	Total	SC	Total	SC		
1	Congress	104	104	10	3	1	40	5	43	6	1,189,837	9
2	Socialist	70	70	6	1	—	10	2	11	2	487,175	32
3	Revolutionary Socialist Party	11	11	—	—	—	6	—	6	—	118 333	2
4	Travancore Tamil Nad Congress	15	15	3	—	—	8	1	8	1	192,118	1
5	Tamil Nad Congress	10	10	2	—	—	—	—	—	—	47,054	6
6	Tamil Nad People's Front	2	2	—	—	—	—	—	—	—	4,025	2
7	Kerala Socialist Party	10	10	—	—	—	1	—	1	—	73,987	1
8	Cochin Party	12	12	1	—	—	1	1	1	1	59 536	5
9	Travancore-Cochin Republican Praja Party	7	7	—	—	—	—	—	—	—	53,052	2
10	Independents	200	92	8	—	—	38	1	38	1	1,169,552	121
	Total	441	—	—	4	1	104	10	108	11	3 394,668	181

The Congress, polled 35 3 per cent of the total votes cast

Only about 34 per cent of the successful candidates polled 50 per cent or more of the votes cast The average number of votes per candidate and the average number per elected candidate were 11 696 and 15,108, respectively

The Left Front (Communist Kerala Socialist Party and Revolutionary Socialist Party) won 21 4 per cent of the total votes cast Fifty per cent of the successful candidates won by an absolute majority The average number of votes per candidate and the average number per elected candidate were 12,491 and 15,388, respectively

The Socialists won 14 1 per cent of the total votes cast The average number of votes per candidate and the average per elected candidate was 6,897 and 15,673, respectively Thirty six per cent of the elected candidates won by an absolute majority

Independents polled 18 3 per cent of the total votes cast On an average, an Independent polled 3 913 votes the average number per elected candidate being 13 142 Twenty seven per cent of the elected candidates won by an absolute majority

The Travancore Tamil Nad polled 5 9 per cent of the total votes cast Fifty per cent of the elected candidates won by an absolute majority The average number of votes per candidate was 13 421 and the average per elected candidate was 17 600

The Cochin Party polled 2 9 per cent of the total votes cast

The Republican Praja Party, the Tamil Nad Congress, the Tamil Nad People s Front and the Independent South Party together polled 2 8 per cent of the total votes cast

There was a straight fight only in 12 constituencies and in the rest the number of candidates ranged from three to ten The largest majority of about 25,000 was scored by a Left Front candidate over a Congressman and the narrowest of 140 was won by an Independent over a Left Front candidate

Only in two constituencies was the poll less than 50 per cent The poll in one constituency was 88 per cent and in 58 constituencies the poll was more than 70 per cent The average poll for all the constituencies was 80 per cent

TRAVANCORE-COCHIN LEGISLATIVE ASSEMBLY

A second general election took place early in 1954 Seats 117 Electorate 4 410 908 Votes polled 3 906,415

	Seats Contested	Seats Won	Total Votes
Congress	115	45	17,62 992
P S P	38	19	6 31 622
Communists	36	23	6 62 613
R S P	12	9	2 12,354
I I N C	16	12	2 37 408
Jan Sangh	1	Nil	403
Independents	43	9	3 91 615

Total votes polled include 17 408 invalid votes
The nine Independents include three K S P candidates and five supported by C P I
Votes polled by Independents are the total polled by 47 candidates

MEMBERS

Speaker, V Gangadharan, *Dy Speaker*, D Damodaran Potti

P Thanulinga Nadar (T T N C), (*Agastee swaran*), K P Gopala Menon (Con), (*Alangad*), T V Thomas (Comm) (*Alleppey*) K C George (Comm), (*Alleppey I*) T O Bava (Con), (*Alwaye*), P Narayanan Pottil (R S P) (*Ambalapuzha*), Aviratharakan (Ind), (*Aroor*), R Prakasam (Comm) (*Attingal*), I Bhaskaran Pillai (Comm) (*Bharanikkavu General*) R Kuttappan (Comm), (*Bharanikkavu Reserved*), V Gangadharan (P S P), (*Chadayamangalam*) Panampalli Govinda Menon (Con) (*Chalakudi*), N Parameswaran Pillai (Con), (*Changanassery*) Baby John (R S P) (*Chavara*), C K Rama chandran Nair (P S P), (*Chengannur, General*) P K Kunjachan (Comm) (*Chengannur, Reserved*) Joseph Mundassery (Ind), (*Cherpu*), U Neelakantan (Ind U E L), (*Chirayinkil*) Dr A R Menon (Con), (*Chittur*) T I Daniel (T T N C) (*Colachel*), Abdul Kadir (Con) (*Cranganur*), Seshadrinatha Sarma (T T N C), (*Devicolan General*), Thankiah (T T N C), (*Devicolam Reserved*), M P Menon (Ind) (*Elankulam*) Sukumaran (Comm), (*Eravipuram General*) Chandrasekharan (R S P) (*Eravipuram Reserved*), O R Chunar (Con), (*Ernakulam*) V V Sabastin (Con) (*Ettumannur*), T M Verghese (Con), (*Ezhumattur*), K K Balakrishnan (Con), (*Irinjalakuda, General*), P K Chathan (Comm), (*Irinjalakuda, Reserved*), Parameswaram Namboothiri (I S I), (*Kadapara*) K M George (Con), (*Kaduthuruthy, General*), T T Kesavan Shastri (Con) (*Kaduthuruthy, Reserved*) M Mathai (Con) (*Kalloopara*), Dr N Kumaran (Con), (*Kanayannur*), Thomas Thomas (Con), (*Kanjirapally*), R Balakrishna Pillai (Comm) (*Karakulam*), A Achuthan (P S P) (*Karthikapally*) A A Rahim (Con), (*Karunagapally*), D Damodaran Potti (P S P), (*Keliyam*), R Ponnappan Nadar (T T N C) (*Killivoor*), P Kesava Menon (P S P), (*Kodakara*) A M Simon (I I N C) (*Kollengode*), M A Anthony (Con) (*Kothakulangara*) Manchanatha Prabhu (P S P) (*Kothamangalam*), B B Pandarathil (R S P) (*Kottarakara*), P Bhaskaran Nair (Comm) (*Kottayam*), D Vivekanandan (Ind), (*Kottukal*) P K Kunju (P S P), (*Krishnapuram*), C A Mathew (Con), (*Kumaramangalam*) T K Krishnan (Comm), (*Kunnamkulam*) K M Chacko (Con), (*Kunnathnad, General*) K Kochukuttan (Con) (*Kunnathnad, Reserved*) K Krishna Pillai (P S P) (*Kunnathukal*) P R Madhavan Pillai (Comm) (*Kunnathur General*) K S Krishna Shastri (R S P), (*Kunnathur, Reserved*) P J Sebastian (Con), (*Kurichi*), K Karunakaran (Con) (*Manalur*) K Kora (Con), (*Manimala*) R Sugathan (Com), (*Mararikulam*), Dr J A Lhatt (Con) (*Muttancherry*) R Sankaranarayanan Thampi (Comm) (*Mavelikara*) K M Chandy (Con) (*Meenachil*) M V Cheriyan (Con), (*Moovattupuzha*) D Aruinthuman (I I N C) (*Nagercoil*) K C Abraham (Con) (*Narakkal*), Neelakantaru Pandarathil (Comm) (*Nedumangad*), A Chidambaranathe Nadar (I I N C) (*Neendakara*) K V Sivarama Bharathi (P S P) (*Nemmara*) P Viswam Aran (P S P) (*Nemom*) M Bhaskaran Nair (Con) (*Neyyattinkara*) P R Krishnan (Con) (*Ollur*) N G Chacko (Con) (*Omallur*) Noor Mohamed (I I N C), (*Padmanabhapuram*) V J Joseph (Con) (*Pallivasal*), Alexander Parambithara (Con) (*Palluruthy*), N Chandrasekharan Nair (P S I) (*Palode*), R Kunjan Nadar (I I N C) (*Parassala*), P Ravindran (Comm) (*Paraccor*) K A Balan (Comm), (*Parur*) Kalathil Velayudhan Nair (Con) (*Pathanapuram*) P S Visudevan Pillai (Con), (*Pathanamthitta*) Yesodharan (R S P) (*Pathiyoor*), K P Urmese (Con), (*Perumbavoor*), A J John (Con) (*Poonjar*) R Gopalan (Ind) (*Punalur*) I P Seetharam Ayyar (Con) (*Puthukad*) Dr I T Thomas (Con), (*Puthupalli*) I K Divakaran (R S P), (*Quilon*) Joseph Chazhikad (Ind) (*Ramapuram*) Viala Pichula (I S I) (*Ranni*) K Sattanatha Karyalar (Ind) (*Shencottah*) Miss K R Gowri (Comm) (*Shertalai*) Narayana Kurup (Con) (*Thaka hi*) P Ramaswamy Pillai (I I N C) (*Thiruvattar*) Chandrasekharan Pillai (Con) (*Thiruvella*) A C Chacko (Con) (*Thodupuzha*) I S Ramaswami Pillai (P S P) (*Thovala*) Dr P P Anthony (Con) (*Trichur*) Prakkulam Bhasi (R S P), (*Trikkadavoor*) P S Nataraja Pillai (P S P), (*Trivandrum*), Pattom Thanu Pillai (P S P) (*Trivandrum*) K Balakrishnan (R S P), (*Trivandrum III*), C G Sadasivan (Comm), (*Turavoor*), V Sreedharan (Comm) (*Ulloor, General*), P Kunjan (P S P) (*Ulloor Reserved*), V K Achutha Menon (Con) (*Vadakkancherry, General*), C C Ayyappan (Comm) (*Vadakkancherry Reserved*) C K Viswanathan (Comm) (*Vaikom*) K Narayana Kurup (P S P), (*Vazhoor*) P Markose (Con), (*Vayaypuram*) M William (I I N C) (*Vilavancode*) K I Velayudhan (Con), (*Vijnur*)

AJMER ASSEMBLY GENERAL ELECTIONS

Population 693 372 (1951 final) Electorate 329 489 Constituencies 24 (18 SM 6 DM) Seats 30 (SC 6)

	Parties	Candidates Set up	Candidates for Seats Total	Candidates for Seats SC	Uncontested Gains Total	Uncontested Gains SC	Contested Wins Total	Contested Wins SC	Elected Total	Elected SC	Valid Votes Polled	Forfeited Deposit
1	Congress	29	29	6	—	—	20	5	20	5	101,441	—
2	Socialist	3	3	—	—	—	—	—	—	—	1,094	3
3	Jan Sangh	16	16	3	—	—	3	—	3	—	28,612	5
4	Communist Party of India	2	2	—	—	—	—	—	—	—	3 494	—
5	Parsharthi Panchayat	6	6	1	—	—	3	1	3	1	15,781	2
6	Independents	78	29	5	—	—	4	—	4	—	84,366	56
	Total	134	—	—	—	—	30	6	30	6	234,788	66

An estimate of party strength at present (March 1954) is as follows Congress 23 Opposition 7

AJMER LEGISLATIVE ASSEMBLY

Speaker Bhagirath Singh *Dy Speaker* Ramesh Chandra Bhargava

Arjandas (P P) (*Ajmer I (South West)*) Parasram (SC) (Con), (*Ajmer I (South West)*) Bal Krishna Kaul (Con) (*Ajmer II (East)*) Harjit Lal (SC) (Con), (*Ajmer II (East) (R)*) Ramesh Chandra Bhargava (Con) (*Ajmer III (Kalabagh)*), Bhiman Dass (Con) (*Ajmer IV (Town Hall)*) Amba Lal (I S) (*Ajmer V (Naya Bazar)*) Syed Abbas Ali (Con) (*Ajmer VI (Dhai Din Ka Jhonpra)*) Kalyan Singh (J S) (*Bhinai*) Brij Mohan Lal Sharma (Con) (*Beawar City North*) Jagan Nath Sharma (Con) (*Beawar City South*) Chhagan Lal Gena (Con) (*Deolia Kalan*) Himmat Ali (Con) (*Derathu*) Madan Singh (Con) (*Gaguana*) Chiman Singh (Con) (*Jawaja*) Bhagirath Singh (Con) (*Jethana*) Hazare (Con) (*Jethana (R)*) Jethmal (Con), (*Kekri*) Sewa Das (SC) (Con) (*Kekri (R)*) Narain Singh (Ind) (*Masuda*) Surya Mal Maurya (SC) (Con) (*Masuda (R)*) Mahendra Singh (Ind) (*Nasirabad*) Laxmi Narayan (SC) (Con) (*Nasirabad (R)*) Ganpati Singh (J S) (*Nayangar*) Shiv Narain Singh (Con) (*Pushkar North*) Jai Narain (Con) (*Pushkar South*) Laxman Sigh (Ind) (*Sawar*) Wali Mohammad (Con) (*Shahpur*) Hari Bhau Upadhyaya (Con), (*Srinagar*) Prem Singh (Con) (*Todgarh*)

Abbreviations Con—Congress Ind—Independent, J S—Jan Sangh P P—Pur sharthi Panchyat SC—Scheduled Castes R—Reserved

BHOPAL ASSEMBLY GENERAL ELECTIONS

Population 836 474 (1951 final) Electorate 419 976 Seats 30 (5 for SC 2 for ST) Constituencies 23 (16 SM, 7 DM)

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		Set up	For seats													
			Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	28	28	5	1	1		—	24	5	—	25	5	—	117 566	
2	Socialist	2	2	—								—	—	—	1 744	1
3	Hindu Mahasabha	9	9	2	—	—	—	—	1	—	—	1	—	—	31 684	
4	Jan Sangh	9	9	—	—	—	—	—	—	—	—	—	—	—	11 245	6
5	Communist Party of India	1	1	—	—	—	—		—	—	—	—	—	—	424	1
6	Scheduled Castes Federation	2	2	2	—	—	—	—	—	—	—	—	—	—	4 806	1
7	Ram Rajya Parishad	1	1	—	—	—	—	—	—	—	—	—	—	—	479	1
8	Kisan Mazdoor Mandal	12	12	—	1	—	—	—	—	—	—	—	—		13 549	8
9	Independents	27	18	1	2	—	—	—	4	—	2	4	—	2	44,603	14
	Total	91	82	10	4	1	—	—	29	5	2	30	5	2	226 190	32

BHOPAL LEGISLATIVE ASSEMBLY

Speaker Sultan Mohammed Khan *Dy Speaker* Lachmi Narain Agarwal

Narbada Charan Lal Saxena (Con) (*Amravad*) Chandan Mal Banwat (Con) (*Ashta*), Gopi Das Goil (SC) (Con) (*Ashta (R)*) Kumari Tila Rai (Con) (*Bairagarh*) Babu Lal Bhartiya (SC) (Con) (*Bairagarh (R)*) Shyam Sundar (Con), (*Bareli*) Kundan Lal (Con) (*Begumganj*) Dr Shankar Dayal Sharma (Con) (*Berasia*) Ram Karan Lal (Con) (*Deori*) Gulab Chand (Ind), (*Goharganj*), Dalip Singh (ST) (Ind) (*Goharganj (R)*), Seth Sardarmal Talwani (Ind) (*Huzur*) Keshrimal Jain (Con) (*Ichhawar*), Inayatullah Sahib Tarzi Mashriqi (Con) (*Jahangirabad*) Shrimati Maimona Sultana (Con) (*Kotri*) Banshidhar Parashar (Con) (*Nasrullaganj*) Shankar Dayal Saxena (H M) (*Nazirabad*), Kamta Prashad (Con) (*Raisen*) Baboo lal Charwaria (SC) (Con) (*Raisen (R)*) Umrao Singh (SC) (Con) (*Sehore (R)*) Jalaluddin Qureshi (Ind) (*Shahjehanabad*) Ajaruddin (Con), (*Shishmahal*) Babu Lal Agarwal (Con) (*Shyampur*) Harikishan Singh (SC) (Con) (*Shyampur (R)*) Tila Dhar Rathi (Con) (*Silwani*) Raja Daulat Singh (S1) (Ind) (*Silwani (R)*), Baboo Lal Kamal (P S P) (*Sultanganj*) Nityanand Gopal (Con) (*Udaipura*)

Abbreviations Con—Congress Ind—Independent H M—Hindu Mahasabha S T—Scheduled Tribe S C—Scheduled Caste P S P—Praja Socialist Party

COORG ASSEMBLY GENERAL ELECTIONS

Population 229 405 (1951 final) Electorate 94 593 Seats 24 (3 for SC, 3 for ST) Constituencies 18 (12 SM 6 DM)

	Parties	Candidates				Uncontested Gains			Contested Wins			Total Elected			Valid Votes Polled	Forfeited Deposit
		Set up	For seats													
			Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	24	24	3	3	—	—	—	15	2	2	15	2	2	48,845	—
2	Independents	34	24	3	3	—	—	—	9	1	1	9	1	1	37,640	11
3	C P I	2	2	—	—	—	—	—	—	—	—	—	—	—	1,386	1
	Total	60	—	—	—	—	—	—	24	3	3	24	3	3	87,871	12

COORG LEGISLATIVE ASSEMBLY

Speaker B S Kushalappa *Dy Speaker* K M Devaya

P I Bellappa (Ind), (*Ammathi*), Chepudira Poonacha (Con), (*Bettathnad*), Korana Devayya (Con), (*Bhagamandla*), G Lingarajayya (Con), (*Fraserpet*), Kakamada Ganapathi (Ind), (*Hudikeri*), P D Subayya (Con), (*Mercara Nad*) B S Kushalappa (Con), (*Mercara Town*), Chowrira Mandanna (Con), (*Murnad*), A C Thimayya (Ind), (*Napoklu*) Puthamana Nanamaya (Con), (*Ponnampet Nad*), Yeravara Belli (ST), (Con), (*Ponnampet Nad*) K Mallappa (Con), (*Sanvarsanthe*), P K Chennayya (SC), (Con), (*Sanvarsanthe (R)*), Muruvanda Machayya (Con), (*Siddapur*), Bettakurubara Kala (ST), (Con), (*Siddapur (R)*), C K Kalappa (Con) (*Somwarpet North*), H T Muthanna (Ind), (*Somwarpet South*), Kolera Karumbayya (Ind), (*Srimangala*), G Subayya (ST), (Ind), (*Srimangala (R)*), G M Manjunathayya (Con), (*Suntrcoppa*), P Lakkaya (SC), (Con), (*Suntrcoppa (R)*), P C Uthayya (Ind), (*Virajpet Nad*), Harijan Nanja (SC), (Ind), (*Virajpet (R)*), N G Ahamed (Ind), (*Virajpet Town*)

DELHI ASSEMBLY GENERAL ELECTIONS

Population 1 744,072 (1951 final) Electorate 743,000 (Approx) Constituencies 42 (36 SM, 6 DM) Seats 48 (SC 6)

	Parties	Candidates			Uncontested Gains		Contested Wins		Elected		Valid Votes Polled	Forfeited Deposit
		Set up	For Seats									
			Total	SC	Total	SC	Total	SC	Total	SC		
1	Congress	47	47	5	—	—	39	5	39	5	271,822	—
2	Socialist	6	6	—	—	—	2	—	2	—	12 396	3
3	Kisan Mazdoor Praja Party	7	7	—	—	—	—	—	—	—	13 646	3
4	Jan Sangh	29	29	4	—	—	3	—	3	—	110,072	4
5	Ram Rajya Parishad	4	4	—	—	—	—	—	—	—	849	4
6	Hindu Mahasabha	5	5	—	—	—	1	—	1	—	6 891	4
7	Scheduled Castes Federation	5	5	4	—	—	—	—	—	—	15 592	3
8	Revolutionary Socialist Party	1	1	—	—	—	—	—	—	—	307	1
9	Forward Bloc (M)	2	2	—	—	—	—	—	—	—	503	2
10	Communist Party of India	1	1	—	—	—	—	—	—	—	2 591	1
11	Independents	80	37	3	1	1	2	—	3	1	87,107	63
	Total	187	—	—	1	1	47	5	48	6	521,776	88

DELHI LEGISLATIVE ASSEMBLY

Speaker Gurmukh Nihal Singh *Dy Speaker* Gopi Nath

Harichand (J S) (*Ajmeri Gate*) Mangal Dass* (Con), (*Arya Pura*) Sultan Yar Khan (Con), (*Ballimaran*) Yudhvir Singh (Con), (*Chandni Chowk*) Nur ud din Ahmad (Con) (*Chawri Bazar*) Kartar Singh (Con), (*Chittar Gupta*), Hukam Singh (Con) (*Chandra wal*) Shrimati Krishna (Con) (*Civil Lines*) Gurmukh Nihal Singh (Con) (*Darya Ganj*) Raghvendra Singh (Con), (*Delhi Cantt*) Shiam Charan (J S) (*Deputy Ganj*) Subedar Hati Singh (Con) (*Isapur*), Girdhari Lal Salwan (Ind) (*Jhandewalan*) Bhoop Singh (Con), (*Khanjhawla*), Bhagwan Dass (Con), (*Kashmere Gate*), Jang Bahadur Singh (Ind) (*Kingsway Camp*) Jag Parvesh Chandra (Con), (*Kisan Ganj Anand Parbat*) Shrimati Shanta Vasisht (Con), (*Kotla Feroz Shah*), Mustaq Ahmad (P S P) (*Kucha Chelan*) Shiv Nandan Rishi (Con) (*Lodhi Road*), Anand Raj (Con) (*Maliwara*), B D Joshi (P S P) (*Manakpura*) Mustaq Rai (Con) (*Mantola*) Sukh Dev (Con) (*Mehrauli*) Mitter Sain (SC) (Con) (*Mehrauli (R)*) Dilawar Singh (J S), (*Naiwala*) Brahm Parkash (Con) (*Nanglou*) Mangey Ram (Con), (*Narela*) Prabhu Daval (SC) (Con) (*Narela (R)*) Ajit Singh (Con) (*Najafgarh*) Hem Chand Jain (Con) (*Pahari Dhiraj Basti Tulahan*) Sheo Nath (SC) (J S) (*Pahari Dhiraj Basti Tulahan (R)*) Khushaleshwar Prasad Shankara (Con) (*Parliament Street*) Har Kishan Lal (Con), (*Phatak Habash Khan*), Shrimati Pushpa Devi (Con), (*Purana Qila-Vinay Nagar*), Shankar Lal (Con), (*Ram Nagar*), Prafulla Ranjan Chakravarty (Con), (*Reading Road*) Amin Chand (SC) (Con), (*Reading Road (R)*) Dr Sushila Nayar (Con), (*Rehgarpura Dev Nagar*) Daya Ram (SC), (Con), (*Rehgarpura Dev Nagar (R)*) Jagan Nath* (Con) (*Roshanara*), Daljit Singh (Con) (*Safdar Jang*), Chintamani (Con) (*Shahdara*), Shiv Charan Das (Con), (*Sitaram Bazar Turkman Gate*), Sudershan Singh (SC) (Con), (*Sitaram Bazar Turkman Gate (R)*), Ram Singh (H M), (*Tibbia College*) Gopi Nath (Con) (*Tokriwalan*), Kateh Singh (Con), (*Wazirabad*)

Abbreviations Con Congress P S P — Praja Socialist Party, Ind Independent, H M — Hindu Mahasabha, J S Jan Sangh, SC Scheduled Castes

HIMACHAL PRADESH ASSEMBLY GENERAL ELECTIONS

Population 983 367 (1951 final) Electorate 516,000 (Approx) Constituencies 28 (20 SM, 8 DM) Seats 36 (SC 8)

	Parties	Candidates			Uncontested Gains		Contested Wins		Elected		Valid Votes Polled	Forfeited Deposit
		Set up	For Seats									
			Total	SC	Total	SC	Total	SC	Total	SC		
1	Congress	34	35	8	2	2	22	3	24	5	84,819	1
2	Kisan Mazdoor Praja Party	22	22	5	—	—	3	2	3	2	26,371	10
3	Scheduled Castes Federation	9	9	3	—	—	1	1	1	1	10,352	4
4	Jan Sangh	10	10	—	—	—	—	—	—	—	6,009	8
5	Socialist	5	5	1	—	—	—	—	—	—	2,664	4
6	Hindu Mahasabha	3	3	—	—	—	—	—	—	—	1,554	3
7	Independents	50	25	1	—	—	8	—	8	—	47,706	31
	Total	133	—	—	2	2	34	6	36	8	179,475	61

* Election set aside

HIMACHAL PRADESH LEGISLATIVE ASSEMBLY

An estimate puts the party strength now as follows Congress 28 Himachal Democratic Front 5 Communists 2, Scheduled Castes Federation 1

Speaker Jalwant Ram

Dy Speaker Kishan Chandar

Sarju Singh (Con), (*Bhamla*) Jalwant Ram (Con), (*Bhattiyat*), Gurditta Mall (Ind) (*Bhar maur*), Kishan Chandar (Con) (*Chachiot*), Piru (Con), (*Chachiot (R)*), Avtar Chand (Con), (*Churah*) Vidya Dhar (Con) (*Churah (R)*), Chattar Singh (Con) (*Chamba*), Gopal Chandra (Ind), (*Chim*), Bala Nand (Con), (*Jubbal*) Besar Ram (Con) (*Joginderanagar*), Hitendra Sen (Con) (*Kasumpti*), Ram Dayal (Con) (*Kumarsain*), Rattan Singh (Con) (*Karsog*) Karam Singh (Con), (*Mahader*), Krishna Nand Swami (Ind), (*Mandi Sadar*) Tapindar Singh (Con), (*Nahan*) Yashwant Singh Parmar (Con) (*Parhhad*) Jiwanu (Con), (*Parhhad (R)*), Shiva Nand (Con) (*Paonta*) Daulat Ram (Con), (*Pangi*), Padam Dev (Con) (*Rohru*) Ghan Shyam (Con), (*Rajgarh*), Hardayal Singh (Con) (*Rampur*)* Bhagat Ram (Con) (*Rampur (R)*) Gauri Parshad (Con), (*Rawalsar*), Surat Singh (Con) (*Renka*), Partap Singh (Con) (*Renka (R)*) Hira Singh Pal (P S P) (*Solan*), Ram Dass (P S P) (*Solan (R)*) Sita Ram (Con) (*Suni*) Baldev Chand (Con) (*Sundarnagar*) Kashmir Singh (Comm), (*Sandhol*), Hari Singh (Comm) (*Sandhol (R)*) Devi Ram (Con), (*Theog*), Jiwanoo (P S P), (*Theog (R)*)

Abbreviations Con Congress Ind — Independent S C F Scheduled Castes Federation Comm Communist

KUTCH ELECTORAL COLLEGE ELECTIONS

Population 567,606 Electorate 288 400 Seats 30

Party position Congress 28 Independents 2

KUTCH ELECTORAL COLLEGE

Nanalal Ramchand (Con) (*Adesar*) Maneklal Nensi (Con), (*Adho*), Purshotam Samji (Con) (*Anjar*) Hetubha Ravaji (Con) (*Bhachau*) Khimji Jevat (Con), (*Bhadreswar*), Jamiatray Gulabshanker (Con), (*Bhuj*), Maganlal Velji (Con), (*Bhujpar*), Shivji Narsi (Con), (*Bidada*) Sarupchand Nyalchand (Con), (*Fatehgad*) Tha Govindji Mavji (Con) (*Gadhsisa*), Dungarsi Purshottam Lohana (Con), (*Gandhidham*) Hirjibhai Ranchhoddas Kotak (Con) (*Kera*) Ra Vakil Mulshanker Kunverji (Con), (*Khavda*), Vanechand Dharamsi (Con), (*Kuria nagar*), Tha Karsandas Hirji (Con) (*Kothara*), Mavji Ramji Joshi (Con), (*Lasya Mota*), Motilal Lakhman Jain (Con), (*Lokadia*), Kharashanker Jatashanker Joshi (Con), (*Lakhpat*), Premji Bhawanji Thacker (Con), (*Madhapar*), Hariram Nathubhai Kothari (Ind), (*Mandvi*), Manharlal Mavji Kayasth (Con) (*Mankuwa*), Bra Shivla Amarji Garanara (Con) (*Maska*) K S Jethusinghji Jadeja (Con) (*Mothala*) Vaghji K Solanki (Con) (*Mundra*) Nathu Nanji (Con) (*Nakhatrana*) Vishanji Kanji Lohana (Con), (*Naliya*), Jugatram Dalpatram Brahmin (Con) (*Netra*) Jadavji Mansang Lohana (Con), (*Rapar*) Shivubha Morji Jadeja (Ind), (*Ratnal*) Mansukh Khimkaran Barot (Con) (*Roha Sumra*)

Abbreviations Con —Congress, Ind — Independent

MANIPUR ELECTORAL COLLEGE GENERAL ELECTIONS

Population 577,635 (1951 final) Electorate 298,452 Seats 30 Constituencies 30

	Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
		Set up	For Seats													
			Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1	Congress	22	22	—	—	1	—	—	9	—	—	10	—	—	37 448	2
2.	Socialist	14	14	—	—	—	—	—	1	—	—	1	—	—	9 196	10
3	Praja Santhi Party	21	21	—	—	—	—	—	3	—	—	3	—	—	21 026	10
4	All Manipur National Union	12	12	—	—	1	—	—	2	—	—	3	—	—	12,450	6
5	Communist Party of India	6	6	—	—	—	—	—	2	—	—	2	—	—	5 298	4
6	Achumba Pamba Congress	7	7	—	—	—	—	—	2	—	—	2	—	—	8 075	4
7	Kuki National Association	7	7	—	—	—	—	—	2	—	—	2	—	—	10 072	1
8	Gandhi Sebok Sova	5	5	—	—	—	—	—	1	—	—	1	—	—	5 041	2
9	Manipur Zelengrong Union	2	2	—	—	—	—	—	2	—	—	2	—	—	5 786	—
10	Mao Maram Union	2	2	—	—	—	—	—	2	—	—	2	—	—	6 538	—
11	Mizo Union	2	2	—	—	—	—	—	1	—	—	1	—	—	4 142	—
12	Other State Parties*	4	4	—	—	—	—	—	—	—	—	—	—	—	6 155	1
13	Independents	8	8	—	—	—	—	—	1	—	—	1	—	—	8 105	5
	Total	112		—	—	2	—	—	28	—	—	30	—	—	139 332	45

* Include Naga National League, Paite National Council, Historical Research Conference

MANIPUR ELECTORAL COLLEGE

Athuibou (M Z U), (*Aimol*), Mairenbam Koireng Singh (Con), (*Bishenpur Moirang*), Sorokhaibam Chourjit Singh (P S P), (*Charangpat-Khomjom*), Sumkhohen (K N A), (*Churachandpur*), Elangbam Nadi Singh (Con), (*Hsyanglam-Sugnu*), Takhellambam Ibotombi Singh (C P I), (*Irinbung Yairipok*), Sinam Bijoy Singh (Unopposed) (Con), (*Jiri*), Pukhrambam Tomchow Singh (Con), (*Kakching Wangjing*), Yumnam Megho Singh (Con), (*Keisamthong*), Shrimati Binodini Devi (A M N U), (*Khurai*), Ningthoujam Thonglen Singh (A P C), (*Kumbi Thanga*), Tomba Mia (Ind), (*Lamlai-Keirao*), Alimuddin (P S P), (*Lilong*), Daso Thoiso (M M U), (*Mao East*), Hepuni Kaikho (M M U), (*Mao West*), Laisram Girimohon Singh (Con) (*Nambol-Keirnou*), Zarrem (K N A), (*Phaisat*), Salam Tombi Singh (Con), (*Sagolband*), R K Angousana (A P C), (*Sagolmang*), Sorem Satradhari Singh (C P I), (*Salam Khumbong-Konthoujam*), Khwairakpam Chaoba Singh (P S P), (*Sekmai-Lamsang*), Maipaksana Singh (G S S), (*Singjame*), Keiben (M Z U), (*Tamenglong*), Atnam Anal (A M N U), (*Tengnoupal*), Khuma (M U), (*Thanlon*), L Chaoyaima Singh (Con), (*Thoubal Chandrakhong*), Suisa (Unopposed) (A M N U), (*Ukhrul*), Hidang mayum Dwijamani Sarma (Con), (*Uripok Lalambung Thangmeiband*), Laisram Achow Singh (Soc), (*Wangkhei-Kongba*), Ningthoujam Tomchow Singh (Con), (*Wangoi-Mayang Imphal*)

(Party affiliations given are as at the time of nomination)

Abbreviations Con —Congress, Ind — Independent M Z U —Manipur Zelengrong Union, P S P —Praja Santhi Party C P I — Communist Party of India, A M N U —All Manipur National Union, A P C —Achumba Pamba Congress, M M U —Mao Maram Union, K N A —Kuki National Association, G S S — Gandhi Sebok Sova, Soc —Socialist, M U — Mizo Union

TRIPURA ELECTORAL COLLEGE GENERAL ELECTIONS

Population 639 029 (1951 final) Electorate 325,067 Seats 30 Constituencies 30

Parties	Candidates		Uncontested Gains	Contested Wins	Total Elected	Valid Votes Polled	Forfeited Deposit
	Set up	for Seats					
1 Congress	24	24	3	6	9	36 167	4
2 Communist Party of India	16	16	2	10	12	55 333	2
3 Forward Bloc (R)	3	3	—	—	—	2 775	1
4 Ganatantrik Sangha	5	5	1	2	3	6 221	1
5 Independents	35	15	—	6	6	27 886	25
Total	83	—	6	24	30	128 382	33

TRIPURA ELECTORAL COLLEGE

Hemanta Deb (C P I) (*Agartala Sadar I*) Janab Atikul Islam (C P I) (*Agartala Sadar II*) Sudan Chandra Deb Barma (C P I) (*Agartala Sadar III*) Nandlal Chakravorty (T G S), (*Agartala Town I*) Umesh Lal Singh (Con) (*Agartala Town II*), Joynal Abedin (Ind) (*Belonia I*) Garu Mia (Con) (*Birganja*) Janab Aftabaddin (C P I) (*Bishalgarh*), Aghore Chandra Deb Parma (C P I) (*Charilam*) Karun Chandra Nath (Con) (*Dharmanagar North*) Abdul Wajid (Ind) (*Dharmanagar South*) Pyari Mohan Jung (Con) (*Dhumburnagar*) Gokul Chand Singha (C P I) (*Fatikrai*), Abdul Latif (Con) (*Kailashahar*) Ram Charan (C P I) (*Kalyanpur South*) Gana Sinha (Ind) (*Kamalpur*) Madhab Chandra Master (Con) (*Kanchanpur*) Satish Chakravarty (C P I) (*Khowai Isharambari*) Shrimati Kiranmala Devi (C P I), (*Khowai Kalyanpur*) Krishna mani Tripura (C P I), (*Kulaimour*) Basira tullah (Con) (*Kurti*) Promode Ranjan Das Gupta (C P I) (*Mohanpur*) Kshetra Mohan Majumdar (Ind) (*Muhuripur*) Janab Siraju Ismail (C P I) (*Old Agartala*) Choudhury Ershad Ali (Ind) (*Radhakishorepur*) Bangshi Deb Barma (Ind) (*Subroom*) Manindra Kishore Choudhury (T G S) (*Salgarh*) Kala Mia (Con) (*Sonamura North*) Krishnachandra Dev Barman (Con) (*Sonamura South*) Bir Chandra Deb Barma (T G S), (*Takarjala*)

Abbreviations Con —Congress Ind — Independent C P I Communist Party of India, T G S —Tripura Ganatantrik Sangha.

VINDHYA PRADESH ASSEMBLY GENERAL ELECTIONS

Population 3 574 690 (1951 final) Electorate 1 760 9–6 Seats 60 (6 for SC, 6 for ST) Constituencies 48 (36 SM 12 DM)

Parties	Candidates				Uncontested Gains			Contested Wins			Elected			Valid Votes Polled	Forfeited Deposit
	Set up	For seats													
		Total	SC	ST	Total	SC	ST	Total	SC	ST	Total	SC	ST		
1 Congress	57	57	6	4	1	1	—	40	4	3	41	5	3	269 989	2
2 Socialist	44	44	2	5	—	—	—	10	1	2	10	1	2	127,484	16
3 Kisan Mazdoor Praja Party	50	50	4	4	—	—	—	3	—	1	3	—	1	111 929	25
4 Jan Sangh	34	34	4	2	—	—	—	2	—	—	2	—		67,796	18
5 Ram Rajya Parishad	17	17	1	—	—	—	—	2	—	—	2			30 571	12
6 Scheduled Castes Federation	1	1	1		—	—	—		—	—	—		—	4 070	—
7 Hindu Mahasabha	2	2	1	—	—	—			—	—	—		—	5,526	1
8 Kisan Sabha	6	6	—	—	—	—			—	—			—	3,066	6
9 Sarva Janik Sabha	1	1	—	—	—	—			—	—			—	223	1
10 Independents	41	26	—	—	—	—	—	2	—		2	—	—	62 354	27
Total	253	—	—		1	1	—	59	5	6	60	6	6	683,008	108

VINDHYA PRADESH LEGISLATIVE ASSEMBLY

Speaker Shiva Nand *Dy Speaker* Shyam Sunder Das

Lal Mohammad (Con), (*Ajaigarh*), Lal Behari Singh (Con), (*Amarpatan*), Shambhoo Nath Shukla (Con), (*Amarpur*), Ramadhar Pandey (Con) (*Amdara*) Ram Kishore (P S P), (*Beohari*), Baba Din (ST), (P S P), (*Beohari (R)*) Diwan Pratap Singh (Con), (*Bijawar*), Pyare Lal (SC), (Con) (*Bijawar (R)*), Saraswati Prasad Patel (Con) (*Burhar*) vacant (*Chandla*), Thakur Das (Con) (*Chandpura*) vacant (*Chhatarpur*) vacant (*Chhatarpur (R)*) Jagat Bahadur Singh (P S P) (*Churhat*) Shyam Sunder Das (Con) (*Datia*) Jagdish Pd Khare (Con) (*Deosar*) Rana Shamsher Singh (Con), (*Garhi*) Braj Raj Singh (Con) (*Gurh*) Bhuwaneshwar Prasad (R R P) (*Hanumana*), Bahulal Udania (Con) (*Jaitpur Kotma*) Ratan Singh (P S P) (*Jaitpur Kotma (R)*) Narain Das (Con) (*Jatara*) Bhai Lali (P S P) (*Kanpura*) Maharaja Kaushalendra Pratap Bahadur Singh (Ruler of Kothi) (R R P), (*Kothi*) Mahendra Kumar Jain (Con) (*Laundi*) Raghuraj Singh (Con), (*Udhora*) vacant (*Malehera*), Siri Niwas Tiwari (P S P), (*Manjawan*), Someshwar Singh (Ind), (*Maugany Nagarhi*), Saha Deya Chamar (SC), (P S P), (*Maugani-Nagarhi (R)*), Kesho Prasad (Con), (*Mukundpur*), Gopal Sharan Singh (Con), (*Nagod*) vacant (*Nagod (R)*) Lala Ram Bajpai (Con), (*Newari*) Sarjoo Pd Chandpuria (Con) (*Panna*), Narendra Singh (Con) (*Pawai*) Bhura (ST), (Con) (*Pawai (R)*) Shyam Lal Sahu (Con) (*Prithipur*), Dan Bahadur Singh (Con), (*Pushparajgarh*), Ram Prasad Singh (ST), (Con), (*Pushparajgarh (R)*) Shatrusudhan Singh (Con) (*Raipur*), Gokul Prasad (Con), (*Rajnagar*), Col Balwant Singh (Jan Sangh) (*Ramnagar*), Govind Narain Singh (Con), (*Rampur Baghelan*), Muni Pd Shukla (P S P) (*Rewa*), Ram Sajiwan (Con), (*Sabhapur*), Shiva Nand Vakil (Con), (*Satna*), Baikunth Prasad (Con), (*Semaria*), vacant (*Seondha*) vacant (*Seondha (R)*) Chandra Pratap Tiwari Vakil Sidhi (P S P), (*Sidhi Madwas*) Darhi Singh (ST), (P S P), (*Sidhi Madwas (R)*) Shyam Kartik (P S P), (*Singrauli Niwas*), Sunitri (ST), (P S P), (*Singrauli Niwas (R)*), Narmada Prasad Singh (P S P) (*Sirmaur*) Lal Rajendra Bahadur Singh (Ind), (*Sohagpur*), Rajeshwar Prasad Mishra (Con) (*Teonthar*) Krishna Kant (P S P) (*Tikamgarh*) Rilli Chamar (SC), (Con) (*Tikamgarh (R)*) Aditya Nath Singh (Con), (*Umaria*)

SPORT

CRICKET

In cricket India lost the rubber in the series against West Indies having lost one match the other four resulting in draws

The details are

First Test at Port of Spain, resulted in a draw

INDIA 417 (P R Umrigar 130 M L Apte 64 G S Ramchand 61, D H Shodhan 45 D K Gaekwad 43 G Gomez 3 for 84 E King 2 for 75 A Valentine 2 for 92 J Stollmeyer 2 for 56) and 294 (M L Apte 52, P R Umrigar 69 D G Phadkar 65 S Ramadhin 3 for 58, E Worrell 2 for 32 C Walcott 2 for 12) West Indies 438 (E Weekes 207 B Pairaudeau 11, C Walcott 47 S P Gupte 7 for 62) and 142 for no loss (A Rae 65 not out, J Stollmeyer 76 not out)

Second Test at Bridgetown resulted in a victory for the West Indies by 142 runs

WEST INDIES 296 (C Walcott 98 E Weekes 47 S P Gupte 3 for 99 V Mankad 3 for 12) D G Phadkar 2 for 24, V S Hazare 2 for 13) and 228 (J B Stollmeyer 54 D G Phadkar 5 for 64 S P Gupte 2 for 82 V Mankad 2 for 54) India 253 (M L Apte 64 V S Hazare 63 P R Umrigar 56 A Valentine 4 for 98, S Ramadhin 2 for 59 E King 2 for 66) and 129 (S Ramadhin 5 for 26 A Valentine 2 for 53)

Third Test at Port of Spain resulted in a draw

INDIA 279 (G S Ramchand 62 P R Umrigar 61 E King 5 for 74 L M Worrell 2 for 47) and 362 for 7 wkts decl (M L Apte 163 P R Umrigar 67 V Mankad not out 96 E M Worrell 2 for 62) West Indies 315 (E Weekes 161 S P Gupte 5 for 107, D G Phadkar 2 for 80) and 192 for 2 wkts (J B Stollmeyer not out 104 E Weekes not out 80)

Fourth Test at Georgetown British Guiana resulted in a draw

INDIA 262 (V Mankad 66 C V Gadkari not out 50, A Valentine 5 for 127 S Ramadhin 2 for 74) and 190 for 5 wkts (P Roy 48 P R Umrigar not out 40 A Valentine 3 for 70) West Indies 364 (E Worrell 56 E Weekes 86 C Walcott 125 S P Gupte 4 for 122 V Mankad 3 for 105, G S Ramchand 2 for 48)

Fifth Test at Kingston Jamaica resulted in a draw

INDIA 312 (P Roy 85, P R Umrigar 117 V L Manjrekar 43 A Valentine 5 for 64 E King 2 for 64) and 444 (P Roy 150 V L Manjrekar 118 G Gomez 4 for 72 A Valentine 4 for 149 E King 2 for 83) West Indies 576 (B Pairaudeau 58 E Worrell 237 E Weekes 109, C Walcott 118 S P Gupte 5 for 180 V Mankad 5 for 228) and 92 for 4 wkts (G S Ramchand 2 for 33)

Silver Jubilee Overseas Cricket Team

First Test, at Delhi, won by India by an innings and 15 runs

INDIA 387 (V L Manjrekar 86 P R Umrigar 47 G S Ramchand 119 R Berry 5 for 90 E Worrell 4 for 65) S J O C Team 198 (R T Simpson 57, S P Gupte 8 for 91) and 174 (R T Simpson 59 E M Worrell 54 Ghulam Ahmed 6 for 52, S P Gupte 4 for 82)

Second Test, at Bombay, resulted in a draw

S J O C TEAM 504 (R T Simpson 121 K Meuleman 50, R Marshall 90 D Barrick not out 102, S J Loxton 55 V Mankad 3 for 110) India 153 (P R Umrigar 83 P J Loader 4 for 53, L Worrell 3 for 32 S J Loxton 3 for 42) and 447 for 5 wkts (V Mankad 154, V S Hazare 61 C V Gadkari not out 102, C D Gopinath not out 67, P J Loader 3 for 43)

Third Test at Calcutta won by the Commonwealth Team by six wickets

INDIA 238 (P R Umrigar not out 112 R Berry 4 for 61 J Iverson 4 for 78) and 190 (C S Ramchand 111 J Iverson 6 for 47 P Loader 3 for 44) S J O C Team 240 (K Meuleman 75, G Emmett 39 S P Gupte 6 for 95) and 187 for 4 wkts (R Marshall not out 88, A J Watkins not out 55)

Fourth Test at Madras January 13 14 15 16 and 17 resulted in a win for India by an innings and 50 runs

India (1st Innings) 440 for 9 wkts decl (Roy 141 G S Ramchand 96 R B Kenny 65 J Iverson 2 for 59 R Berry 2 for 109) Commonwealth (1st Innings) 222 (K Meuleman 124 Ghulam Ahmed 5 for 51 S P Gupte 4 for 96) and 168 (A J Watkins 44 Ghulam Ahmed 7 for 42 S P Gupte 3 for 92)

Fifth Test at Lucknow February 1 2 3 and 4 resulted in a draw

India (1st Innings) 416 (P Punjabi 107 Mushtaq Ali 58 P R Umrigar 87, D G Phadkar 63 J Iverson 4 for 96, P Loader 2 for 53 S Loxton 2 for 101) and 168 for 2 wkts (P Roy 58 Mushtaq Ali 70 not out) Commonwealth (1st Innings) 344 (K Meuleman 131 P Bhandari 3 for 90 D G Phadkar 3 for 8) and 64 for 3 wkts

Ranji Trophy

Ranji Trophy final played at Calcutta, March 1952 resulted in a win for Holkar who won by virtue of their first innings lead of 17 runs over Bengal

Bengal 479 (P B Dutt 141 N Chatterji 52 H Cackwad 4 for 128) and 320 for five wkts decl (B Frank 62 N Chatterji 54 S K Girdhari not out 58 B Das Gupta not out 50) lost to Holkar 496 (B B Nimbalkar 219 K M Rangnekar 86 Shome 4 for 102) and 177 for 9 (S K Girdhari 3 for 17 Shome 2 for 44, Bannerji 2 for 44 B Das Gupta 2 for 38)

HOCKEY

Aga Khan Tournament at Bombay April 1953

Tusitanan Sports Club beat Tata Sports Club by one goal to nil

National Tournament at Bangalore May, 1953

Services Eleven beat East Punjab by one goal to nil

Brighton Cup, at Calcutta May 1953

Tata Sports Club (Bombay) beat Nagpur United by two goals to one

Women's Inter State Championship, played at Bombay May 1953

Bombay and Bengal were declared joint holders of the Lady Ratan Tata Shield after they drew three times, 0 0 2 2 and 1 1

Sommy Emat Gold Cup at Bombay May, 1953

Sarangarh Eleven (Madhya Pradesh) beat Bombay Greys by two goals to nil

BILLIARDS

Western India Championships at Bombay May 1953

Wilson Jones (Bombay) beat T A Selvaraj (Bangalore) by 3 128 points to 2 237 points in the billiards final

Wilson Jones beat T A Selvaraj in the Snooker final by five frames to two 61 39 65 33, 51 52 66 46 105-20, 48 73, 53 26

National Championship

At Calcutta, February 1954

Snooker

Wilson Jones (Bombay) beat Chandra Hirjee (Bengal) by five frames to four 59 91, 55 47, 62 34, 62 39, 54 58, 45 48, 29 107, 66 53, 57 46

Billiards

Wilson Jones beat Chandra Hirjee 3 333 to 3 272 in eight hours game

ATHLETICS

All India Athletic Meet held at Jubbulpore, February 6 7 and 8, 1953

MEN

100 Metres Lavy Pinto (Bombay) 1 Sati Ghosh (Bihar) 2 Hav Balwant Singh (Services) 3 Time 10 8 seconds

200 Metres Lavy Pinto (Bombay) 1 Sati Ghosh (Bihar) 2 Kripal Singh (Punjab) 3 Time 21 8 seconds

400 Metres I Jacob (Madras) 1 Balwant Singh Sn (PEPSU) 2 L/Nk Appar Singh (Services) 3 Time 49 6 seconds

800 Metres I Nk Sohan Singh (Services) 1 Hav Kulwant Singh (Services) 2 Bhagat Singh (Delhi) 3 Time 1 minute 55 2 seconds

1,500 Metres L/Nk Kulwant Singh (Services) 1 Hav Nika Singh (Services) 2 Ranjit Ram (Delhi) 3 Time 4 minutes 5 seconds

5,000 Metres N k Dauram (Services) 1 S Karnal Singh (Services) 2 Guru Bachan Singh (Services) 3 Time 15 minutes 31 5 seconds

10,000 Metres L/Nk Dhan Singh (Services) 1 L Nk Bulu Singh (Services) 2 Raunaq Singh (PEPSU) 3 Time 32 minutes 45 8 seconds

3,000 Metres Steeplechase N k Dauram (Services) 1, Hav Inder Singh (Services) 2 Gulzara Singh (PEPSU) 3 Time 9 minutes 33 4 seconds

4 x 100 Metres Relay Bombay 1 Delhi 2 Madras 3 Time 44 2 seconds

4 x 400 Metres Relay Services 1 Madras 2 PEPSU 3 Time 3 minutes 23 9 seconds

110 Metres Hurdles Guldur Singh (Services) 1 L Nk Gurdev Singh (Services) 2, Ajmer Singh (Punjab) 3 Time 15 6 seconds

400 Metres Hurdles I Nk Joginder Singh (Services) 1 L/Nk Pritam Singh (Services) 2 Darshan Singh (Punjab) 3 Time 55 6 seconds

50 Kilometre Walk B Das (Bengal) 1 Bhag Singh (Punjab) 2 Lal Singh (PEPSU) 3 Time 5 hours 32 minutes 24 1 seconds

10,000 Metres Walk L/Nk Harnam Singh (Services) 1 Amrik Singh (Punjab) 2 Nathu Rao (Rajasthan) 3 Time 55 minutes 2 seconds

Hop Step and Jump N k Keshar Singh (Services) 1 I Nk Sadurshan Singh (Services) 2 Darshan Singh (Punjab) 3 Distance 46 feet 10 inches

Throwing the Discus Bakshis Singh (Punjab) 1 Makhan Singh (Services) 2 Ishar Singh (PEPSU) 3 Distance 131 feet 1½ inches

Throwing the Javelin Hav Surat Singh (Services) 1 Rajagopalan (Delhi) 2, Govind Ram (Delhi) 3 Distance 176 feet, 8 inches

Throwing the Hammer I Nk Nandi Prasad (Services) 1 Krishan Singh (PEPSU) 2, L/Nk Bipi Ram (Services) 3 Distance 142 feet, 1 inch

Shot Put Pardman Singh (Services) 1 I Nk Mohinder Singh (Services) 2 Ishwar Singh (PEPSU) 3 Distance 44 feet 10 inches

High Jump Ajit Singh (Punjab) 1 K Chatterjee (Bengal) 2, L/Nk Dayal Singh (Services) 3 Height 6 feet, 3½ inches

Broad Jump Keshar Singh (Services) 1 Bhag Singh (Services) 2 Kirpal Singh (Punjab) 3 Distance 22 feet 7¾ inches

Pole Vault L/Nk George (Services) 1, Bhagwan Singh (Services) 2 P Vasavan (Travancore Cochin) 3 Height 11 feet 11 inches

Decathlon Gurnam Singh (PEPSU) 4 367 points 1 M Kaunds (Bombay) 4 345 points, 2 N K Das (Orissa) 4,302 points, 3

Marathon Chhota Singh (PEPSU) 1 Surjan Singh (PEPSU) 2 Surat Singh (Delhi) 3 Time 2 hours 33 minutes 21 6 seconds

WOMEN

100 Metres: Mary D'Souza (Bombay) 1, A. Catchatour (Bengal) 2, Joan Felis (Bengal) 3. Time 13 seconds.

200 Metres: Mary D'Souza (Bombay) 1, A. Catchatour (Bengal) 2, Stephie D'Souza (Bombay) 3. Time 26.4 seconds.

80 Metres Hurdles: Mary D'Souza (Bombay) 1, Marie Simoes (Bombay) 2, Nilima Ghose (Bengal) 3. Time 12.7 seconds.

4 × 100 Metres Relay: Bombay 1, Bengal 2, Madhya Pradesh 3. Time 52.5 seconds.

High Jump: Marie Simoes (Bombay) 1, P. Vasu (Madhya Pradesh) 2, C. O. Dea (Madhya Pradesh) 3. Height 4 feet 2½ inches.

Broad Jump: Stephie D'Souza (Bombay) 1, Lucy Paul (Travancore Cochin) 2, Mary Castelino (Bombay) 3. Distance 13 feet, 3½ inches.

Shot Put: Ronnie Thornbur (Bombay) 1, A. Masaun (Madhya Pradesh) 2, Susamma Thomas (Travancore Cochin) 3. Distance 29 feet 3½ inches.

Discus Throw: Mrs. P. Proudfoot (Bombay) 1, A. Masao (Madhya Pradesh) 2, C. Bhide (Bombay) 3. Distance 90 feet 0.5 inch.

The team championship was again won by the Services who aggregated 121½ points followed by PEPSU with 30 points while Bombay earned the third position, with 23 points.

TABLE TENNIS

National Championships

Men's Singles: S. K. Thackersey (Bombay) beat T. Thiruvengadam (Madras) 25-23, 21-13, 15-21, 21-19.

Men's Doubles: U. M. Chandarana and D. P. Somaya (Bombay) beat M. Banerjee and R. Bhandari (Bengal) 22-20, 18-21, 21-12, 22-24, 21-18.

Mixed Doubles: Miss S. Sultana (Hyderabad) and R. Bhandari (Bengal) beat Mrs. V. Rajagopalan (Delhi) and U. M. Chandarana (Bombay) 21-16, 21-13, 21-13.

Women's Singles: Miss S. Sultana (Hyderabad) beat Mrs. C. K. K. Pillai (Madras) 21-12, 21-16, 21-11.

Women's Doubles: S. Sultana (Hyderabad) and Mrs. V. Rajagopalan (Delhi) beat Miss I. Samuel and M. Parande (Bombay) 21-15, 21-15, 21-14.

Inter State Championship

MEN

Bombay 1, Bengal 2, Madras 3, Mysore, Maharashtra and Delhi 4.

WOMEN

Hyderabad 1, Bombay 2, Madras 3, Ceylon 4. Rankings:

MEN

T. Thiruvengadam (Madras) 1, Y. S. Vyas and S. K. Thackersey (both of Bombay) jointly 2, D. P. Sampat (Bombay) 4, N. C. Raghavan (Madras) and K. Nagaraj (Mysore) jointly 5, R. Bhandari (Bengal) and K. R. Chandorkar (Maharashtra) jointly 7, M. Banerjee (Bengal) 8.

K. Jayant, of Bengal, was not ranked for want of sufficient data.

WOMEN

Sayeed Sultana (Hyderabad) 1, Meena Parande (Bombay) 2, Mrs. C. K. K. Pillai (Madras) 3, Mrs. Vijaya Rajagopalan (Delhi) 4, Virachoon (Ceylon) 5, V. John (Madras) 6, Sulochana Mankar (Bombay) 7, I. Samuel (Bombay) 8.

INDIA VS. HONG KONG

Hong Kong beat India by four Tests to one.

At Bangalore, March, 1953: India won 3 matches to two.

Kalyanpur Jayant (India) beat Chung Chin Sing (Hong Kong) 21-15, 21-15, 23-25, 20-22, 22-20. Sih Su Chu (Hong Kong) beat Nagaraj (India) 17-21, 21-18, 21-12, 21-18.

Nagaraj and Jayant (India) beat Chung Chin Sing and Sih Su Chu (Hong Kong) 21-19, 8-21, 21-15, 22-20.

Sih Su Chu (Hong Kong) beat Kalyanpur Jayant 23-21, 18-21, 21-12, 21-19.

Nagaraj beat Chung Chin Sing (Hong Kong) 19-21, 18-21, 21-12, 21-14, 21-14.

At Madras, March 1953, Hong Kong won by three matches to nil.

Sih Su Chu beat Kalyanpur Jayant 21-15, 23-21, 21-19. Chung Chin Sing beat T. Thiruvengadam 21-7, 21-15, 21-17. Sih Su Chu and Chung Chin Sing beat Kalyanpur Jayant and T. Thiruvengadam 21-10, 21-7, 19-21, 21-11.

At Hyderabad, March 1953, Hong Kong won by three matches to 1.

Sih Su Chu beat Kalyanpur Jayant 21-19, 14-21, 21-16, 16-21, 21-12. T. Thiruvengadam beat Chung Chin Sing 5-21, 21-16, 17-21, 21-15, 21-14. Chung Chin Sing beat Kalyanpur Jayant 21-19, 16-21, 14-21, 21-16, 21-14. Sih Su Chu and Chung Chin Sing beat Kalyanpur Jayant and T. Thiruvengadam 17-21, 21-19, 15-21, 21-19, 21-18.

At Bombay, March, 1953, Hong Kong won three matches to one.

Chung Chin Sing beat Kalyanpur Jayant 21-14, 21-6, 24-22. Sih Su Chu beat Dilip Sampat 21-13, 21-13, 19-21, 21-17. Sih Su Chu beat Kalyanpur Jayant 21-19, 22-20, 21-16. Uttam Chandarana and Devchand Somaya beat Chung Chin Sing and Sih Su Chu 21-16, 10-21, 21-18, 20-22, 21-14.

At Calcutta, March 1953, Hong Kong won by three matches to one.

Sih Su Chu beat Kalyanpur Jayant 21-17, 21-15, 21-18. R. Bhandari beat Chung Chin Sing 21-19, 23-21, 21-13. Sih Su Chu beat R. Bhandari 21-16, 21-18, 21-18. Sih Su Chu and Chung Chin Sing beat R. Bhandari and Kalyanpur Jayant 17-21, 22-20, 21-17, 21-18.

RACING

The results of the important races were —

Bombay Races

1,000 Guineas: 1 Mile—December 13, 1953

Messrs. Hoosein and Pardesi's ABEERA 8.7 (Hanuman Singh) 1, Mr. Hugo Watchsmann's VEDETTE 8.7 (P. Khade) 2, Maharaja of Jammu and Kashmir's DONNA NEARCO 8.7 (Evans) 3. Mrs. Talib and Mrs. Jeejeebhoy's PRINCESS DILAWAR 8.7 (Dar) 4.

Won by 1½ L., Sh., Sh. Time: 1 minute, 43.2/5 seconds.

2,000 Guineas: 1 Mile—December 19, 1953

Mr. Diamond's COMMONER 8.11 (S. Chavan) 1, Messrs. Ahmedbhoy and Jethabhai's PLAY SAFE 8.11 (Damodar) 2, Mrs. J. B. Patel's BRIGHT STEEL 8.11 (Kheemsingh) 3, Maharani Chimnabai of Baroda's DESERT LIGHT 8.11 (P. Khade) 4.

Won by 1½ L., H., 1 L. Time: 1 minute, 46 seconds.

The Indian Derby: 1½ Miles, January 23, 1954

Mr. Diamond's COMMONER 9.0 (S. Chavan) 1, Messrs. Ahmedbhoy and Jethabhai's PLAY SAFE 9.0 (Eldin) 2, Maharani Chimnabai of Baroda's DESERT LIGHT 9.0 (P. Khade) 3, Mrs. Talib and Mrs. Jeejeebhoy's PRINCESS DILAWAR (Kheemsingh) 4.

Won by ½ L., ¾ L., 2¼ L. Time: 2 Minutes, 49 seconds.

The Eclipse Stakes of India: 1¼ Miles, February 7, 1954

Mr. G. A. Jasdanwalla's BROGUE ROYAL 9.8 (Amir Ahmed) 1, Maharaja of Parlakimedi's OUR OWEN 9.10 (P. Khade) 2, Mr. A. I. M. M. Chettiar's SILVANUS 9.3 (Purtusingh) 3, Messrs. R. J. Sigtia and R. R. Ruia's IMPLACABLE 9.3 (Eldin) 4.

Won by 1¼ L., Sh., ¾ L. Time: 2 Minutes, 6.4/5 seconds.

The Indian St. Leger: 1¾ Miles, February 14, 1954

Mr. Diamond's COMMONER 9.0 (S. Chavan) 1, Mr. H. Watchsmann's VEDETTE 9.11 (P. Khade) 2, Mrs. J. B. Patel's BRIGHT STEEL 9.0 (Purtusingh) 3, Messrs. Ahmedbhoy and Jethabhai's PLAY SAFE 9.0 (Eldin) 4.

Won by 1¼ L., ¾ L., 1¼ L. Time: 3 Minutes, 11 seconds.

Poona Races

Colts and Fillies' Trial: 6 Furlongs—August 29, 1953

Mrs. A. I. I. Talib's PRINCESS DILAWAR 9.0 (Kheemsingh) 1, Mr. B. N. Sanas's ROMMELL 8.11 (Khade) 2, Mr. and Mrs. Sultan Chinoy's BADSHAHI TIR 8.11 (S. Chavan) 3, Maharaja of Jammu and Kashmir's SUPERB ROSE 8.8 (Whiteside) 4.

Won by ¾ L., ¾ I., 1¼ L. Time: 1 Minute, 16.1/5 seconds.

Rajaram Chhatrapati Memorial Gold Cup: 1¼ Miles: September 12, 1953

Mr. B. R. Patel's SANGRAM 8.7 (Kheemsingh) 1, Messrs. Shah and Ahmedbhoy's YAAR 7.9 cd. 7.2 DAMODAR 2, Mr. B. R. Bhadani's GAY RADHA 9.4 (Amir Ahmed) 3, Mr. P. M. Modi's HASEEN 8.10 (Purtusingh) 4.

Won by 2 I., 1½ L., ½ I. Time: 2 Minutes, 10.2/5 seconds.

Western Command Cup: 1 Mile—September 19, 1953

Maharaja of Parlakimedi's WINDERMERE PARK 9.0 (Kheemsingh) 1, Mr. and Mrs. A. K. Shah's GAGAN DOOT 8.10 (Purtusingh) 2, Mr. H. Watchsmann's DARK WILLIAM 8.12 (Khade) 3, Mr. S. A. Poonawalla's PAPER KING 8.13 (Chavan) 4.

Won by 1¼ I., 3 I., 1¾ L. Time: 1 minute, 42.4/5 seconds.

Calcutta Races

Nepal Gold Cup: 1¼ Miles: December 5, 1953

Raja of Ramnad's FLOWER DUST 9.3 (Duffy) 1, Mr. G. A. Jasdanwalla's BROGUE ROYAL 9.3 (Amir Ahmed) 2, Raja of Ramnad's REGENT KING 9.3 (Adley) 3, Raja of Nazargunj's PANAGIA 9.3 (Davis) 4.

Won by ¾ I., H., 2 I. Time: 2 minutes, 12.1/5 seconds.

Coronation Cup: 1 Mile, December 26, 1953

Raja of Ramnad's FLOWER DUST 9.3 (Stevens) 1, Mr. G. A. Jasdanwalla's BROGUE ROYAL 9.3 (Amir Ahmed) 2, Messrs. L. R. Patel and J. W. Jessop's GOOD SELLER 9.3 (M. Cracknell) 3.

Won by 2 I., 8 I. Time: 1 minute, 39.3/5 seconds.

Indian Gold Vase: 7 Furlongs, December 26, 1953

Mr. B. N. Sanas's PROGLODYTE 8.3 (Dixon) 1, Mr. S. A. Poonawalla's PAPER KING 8.7 (Percival) 2, Lt. Col. W. H. Kerr's KNICK KNACK 8.7 (Duffy) 3.

Won by 3½ L., 2 L. Time: 1 minute, 27.3/5 seconds.

Queen Elizabeth II Cup: 1¾ Miles, January 9, 1954

Raja of Ramnad's GOLD KALE 9.3 (Stevens) 1, Mr. G. A. Jasdanwalla's BROGUE ROYAL 9.3 (Amir Ahmed) 2, Maharaja of Parlakimedi's OUR OWEN 9.3 (McGaffin) 3, Mr. G. A. Jasdanwalla's CORNISH FLAME 9.3 (E. Cracknell) 4.

Won by 1¼ I., 1¼ L., ¼ L. Time: 3 minutes, 5.1/5 seconds.

FOOTBALL

Rovers Cup Tournament, at Bombay, October, 1953

Hyderabad Police beat Bangalore Muslims by two goals to nil

I F A Shield, at Calcutta, October/November, 1953

East Bengal and India Culture League, Bombay, contested the final three times without decision The latter then raised an objection against East Bengal for playing Pakistan players The Committee upheld the objection and awarded the title to India Culture League but a case has been filed by East Bengal for judicial decision

Durand Cup at Delhi November 1953

Mohun Bagan beat National Defence Academy by four goals to nil

National Tournament for the Santosh Memorial Cup, at Calcutta, September, 1953

Bengal beat Mysore by 3 goals to one

Asian Quadrangular at Rangoon, November 1953

India maintained an unbeaten record to emerge champions The scores were

Burma drew with Pakistan one all India beat Ceylon 2 0 India beat Pakistan 1 0 Pakistan beat Ceylon 6 0 India beat Burma 4 2 and Burma beat Ceylon 3 2

RUGBY FOOTBALL

The inaugural seven a side Rugby Football Tournament at Calcutta September, 1953

Madras beat Bengal Tigers by a goal and a try (8 points) to nothing

BADMINTON

Western India Championships at Bombay October 1953

Men s Singles Nandu Natekar beat Trilok Nath Seth 12 15 15 6, 17 14

Men s Doubles Trilok Nath Seth and Manoj Guha beat Devinder Mohan and Henry Ferreira 15 13, 10 15 15 10

Mixed Doubles Miss Shashi Bhatta and Nandu Natekar beat Miss Tehmi Vakeel and Devinder Mohan 15 10 6 15, 15 12

Women s Singles Mrs Mumtaz Lotwala beat Miss S Bhat 11 4, 11 3

Women s Doubles Mrs M Lotwala and Nobina Lewis beat Miss S Bhat and Miss T Vakeel 15 1 6 15 15 8

Inter State Championship held at Gwalior, December, 1953

Bombay beat Delhi by three matches to nil

Devinder Mohan (Bombay) beat Parduman Chawla (Delhi) 15 2, 17 18 15 9 Nandu Natekar (Bombay) beat Pramod Nath (Delhi) 15 1 15 6, Miss Shashi Bhat (Bombay) beat Miss Mathai (Delhi) 11 4 11 2

National Championships, at Gwalior, December 1953

Men's Singles Nandu Natekar (Bombay) beat Trilok Nath Seth (Uttar Pradesh) 15 8, 18 15

Men s Doubles Manoj Guha and Gajanan Hemmady (Bengal) beat Manohar Bopardikar and Ravindranath Bongre (Bombay) 15 11, 15 4

Mixed Doubles Nandu Natekar and Shashi Bhat (Bombay) beat Watal and Mrs David (Uttar Pradesh)

Women s Singles Sushila Rege (Bombay) beat Shashi Bhat (Bombay) 11 2, 11 3

Women's Doubles Miss Sushila Rege and Shashi Bhat (Bombay) beat Mrs Acharya and Miss Tambe (Madhya Pradesh) 15 11, 17 16

Rankings

Men s Singles Nandu Natekar (Bombay) 1, I N Seth (Uttar Pradesh) 2 Amrit Lal Dewan (Delhi) 3, Manoj Guha (Bengal) 4, Devinder Mohan (Bombay) 5, P S Chawla (Delhi) 6

Men s Doubles Manoj Guha and Gajanan Hemmady (Bengal) 1 C L Madan and Amrit Lal Dewan (Delhi) 2 Ravindranath Dongre and Manohar Bhopardikar (Bombay) 3

GOLF

Amateur Golf Champion at Calcutta December, 1953

Mahinder Bal (Kashmir) beat John Forman by two and one

All India Women s Golf Championship at Calcutta January 1954

Mrs K Lyne beat Mrs G Ribbins at the 19th hole

SQUASH

The first National Championship held in Bombay November, 1953

The results were

Men s Singles R K Narpat Singh (Jodhpur) beat N S Bhagat (Army) 9 2, 9 4 9 4

Women s Singles Mrs Gladys Riggall (U K) beat Miss Tehmi Vakeel (Bombay) 9 3 9 1 9 0

Juniors Singles M H Chinoy beat Pramod Tulla 9 6 5 9 10 9, 9 7

Professionals Singles Jamal Din beat D I Shinde 9 4, 10 8 9 3

LAWN TENNIS

All India Hardcourt Championships, at Bombay, February, 1953

The results were

Men s Singles Narendra Nath beat F Krishnan 6 4, 7 5 6 0

Men s Doubles Vishnu Mohan and M V Bobbjee beat G Vasant and Narendra Nath 6 3 3 6 6 4 6 4

Mixed Doubles G Vasant and Miss Laxmi Merchant beat Narendra Nath and Mrs Jill Roberts 6 3, 6 4

Women s Singles Mrs Leela Dayal beat Miss Laura Woodbridge 6 3, 9 7 6 3

Women s Doubles Miss Laura Woodbridge and Miss Laxmi Merchant beat Mrs Leela Dayal and Mrs V Abdulla 6 4 6 3

Juniors Singles R Krishnan beat A Quadri 6 1 6 0

Juniors Doubles A Quadri and Mazul Latif beat R Krishnan and R Srinivasan 6 3 6 1

Northern India Lawn Tennis Championships at Delhi, February March 1953

The results were

Men s Singles Narendra Nath beat Naresh Kumar 4 6, 7 5 6 3 7 9 6 3

Men s Doubles Narendra Nath and Naresh Kumar beat H Huber (Austria) and Iftikhar Ahmed (Pakistan) 2 6 6 3 6 2 5 7 6 2

Mixed Doubles Huber and Miss Shaikh beat S I R Sawhney and Mrs Rodrigues 6 1 6 4

Women s Singles Mrs Leela Dayal beat Mrs Zachariassen 6 2, 6 1

Women s Doubles Mrs Leela Dayal and Mrs Zachariassen beat Mrs Rodrigues and Miss Shaikh 6 1 6 0

Juniors Singles Asif Quadri beat Prem Kishore 9 7 9 7

Juniors Doubles Asif Quadri and Charanjiva beat Prem Kishore and Gurdeepsingh 6 4 9 7

National Tournament, at Calcutta December 53 January, 54

The results were

Men s Singles R Krishnan beat J Arkinstall (Australia) 6 2, 6 3, 7 5

Men s Doubles Iftikhar Ahmed (Pakistan) and J Arkinstall (Australia) beat Narendra Nath and Naresh Kumar 3 6 5 7 8 6, 7 5, 6 3

Mixed Doubles Iftikhar Ahmed (Pakistan) and Miss P Shaikh w o Narendra Nath and Miss Urmila Thapar

Women s Singles Miss Rita Davar beat Urmila Thapar 0 6, 6 2 6 2

Women s Doubles Not played

India vs Belgium (Davis Cup) at Sydney, December, 1953

Belgium beat India four matches to nil

The results were

Phillips Washer beat Sumant Misra 6 1, 6 4 6 3, beat R Krishnan 6 1 6 1 6 1 Jackie Brichant beat R Krishnan 3 6 3 6 6 4, 6 3, 6 0 beat Sumant Misra 6 4 4 6 7 5 6 4

Rankings—1953

Narendra Nath 1 Sumant Misra 2 Naresh Kumar 3 R Krishnan 4

Western India Lawn Tennis Championships, at Bombay February 1954

The results were

Men s Singles J Arkinstall (Australia) beat Sumant Misra 6 4 1 6 6 4

Men s Doubles J M Mehta and G Vasant beat J Arkinstall and Narendra Nath 6 4 7 5

Mixed Doubles J Arkinstall and Mrs Anjani Divan beat G Vasant and Miss Laxmi Merchant 7 5, 6 3

Women s Singles Miss Urmila Thapar beat Miss Laura Woodbridge 6 4 4 6 6 2

Women s Doubles Miss Laxmi Merchant and Miss Laura Woodbridge beat Miss Urmila Thapar and Mrs Anjani Desai 6 4, 1 6, 9 7

RIFLE SHOOTING

Second National Rifle Shooting at Delhi, November, 1953

Cups .22 Small Bore

25 Metres

Dr Harihar Bannerjee	197 200
S N Chatterjee	197/200
Prodosh Kumar Bajpai	196/200

50 Metres

Dr Harihar Bannerjee	196/200
Prodosh Kumar Bajpai	196/200
Sushil Kumar Ganguli	196 200

100 Metres

Mrs Sabita Chatterjee	194 200
Dr Harihar Bannerjee	193 200
S N Chatterjee	192 200

Small Bore 50 Metres Standing and kneeling

Dr Harihar Bannerjee	310 400
R C Das Gupta	309 400
S N Chatterjee	298 400

National Small Bore Champion Dr Harihar Bannerjee

Women Mrs Sabita Chatterjee (290 300) 1, Mrs Gita Roy (288 300) 2 Mrs Rekha Chatterjee (262/300) 3

Scores of the Indian entries for the Inter National Dewar Shooting Championship to be decided by the National Small Bore Rifle Association of England

Dr Harihar Bannerjee (Captain) 395 S N Chatterjee 390 Mrs Sabita Chatterjee 388

Indo Japanese Meet, at Delhi November, 1953

India beat Japan by 1944 points to 1888 in a possible 2,000

The scores were

India Sushed Ganguli 391 Dr Harihar Bannerjee 390 Mrs Sabita Chatterjee 388, S N Chatterjee 387, P K Bajpai 388

Japan S Kondo 384, M Anzai 382, Ikuzo Ishazaki 380, Dengo Okara 371 and Marito Shiratore 371

WRESTLING

Japan vs India at Calcutta March, 1953

Japan beat India by five matches to one

The results were

Flyweight H Hashimoto beat Ram Swarup (Delhi)

Bantamweight K D Jadhav (Kolhapur pinned K Yonemori in 13 minutes 7 seconds

Featherweight M Asakawa beat Hirala (Bengal)

Middleweight F Hirau beat Jaggan Singh (Punjab)

Heavyweight M Ito beat Kashinath Singh (Bengal) and K Sone beat Nandlal Singh (Bengal)

BOXING

Western India Boxing at Bombay March 1953

The results were

Bantamweight P J Khatau beat P Daruwala

Featherweight A Sequeira beat R Davey

Lightweight R Desanges beat D Massey Referee stopped the fight in the first round

Light welterweight V Banaji beat A Baker

Welterweight Peter Prince beat C Smith

Light heavyweight Vincent Pereira beat C Corin

Heavyweight P Scott beat J Sopher

Japan vs India at Calcutta March 1953

Japan beat India by five bouts to one

The results were

Flyweight A Bhattacharjee beat Manzo Idehara

Bantamweight Kichio Mujake beat Sakti Mazumdar

Featherweight Toshito Ishimaru beat J N Mukherjee Referee stopped the fight in the third round

Light heavyweight Yonchi Suzuki beat Ashok Ganguli

Light welterweight Hiroyuki Kaji beat G Hay

Welterweight Toshito Ounuki beat Louis Borthwick Referee stopped the fight in the third round

Japanese Boxers in India at Bombay March 1953

The results were

Japan beat India four bouts to one

Flyweight Manzo Idehara beat A Thomas

Bantamweight Yoshio Mujake beat P Daruwala Referee stopped the fight in the third round

Featherweight Toshito Ishimaru beat A Sequeira

Light welterweight Hiroyuki Kaji beat Water Parkinson Referee stopped the fight in the third round

Welterweight Peter Prince beat Toshiro Ounuki

International Boxing at Bombay February 1953

Perry Wakeling (Great Britain 151 lb) beat Vincent Pereira (India 147 lb) the Referee stopping the fight in the third round

Peter Prince (India 148 lb) beat Perry Wakeling (Great Britain 151 lb) on points

Burmese Boxers in India at Calcutta November 1953

Bengal beat Burma by six bouts to two

The results were

Light flyweight Ranjit Bose beat J Monteen (Burma)

Flyweight P Boog (Burma) beat W Lee grade, P Das beat Aye Ko (Burma)

Featherweight Arzoo beat R Ellis (Burma)

Bantamweight Thein Maung (Burma) beat R Johannes

Welterweight P Hassett beat V Johnson (Burma)

Lightweight G Hay beat Maung Myint

Light middleweight Louis Borthwick beat R Bagley

At Bombay November 1953

Bombay beat Burma by six bouts to two

The results were

Welterweight Peter Prince beat R Bagley (Burma)

Light heavyweight Ron Norris beat V Johnson (Burma)

Lightweight B Bose beat Maung Myint (Burma)

Bantamweight Percy Khatau beat V Thein Maung (Burma)

Flyweight P Bhattacharjee beat Aye Ko (Burma) Sammy Khatau beat P Boong (Burma)

Featherweight R Ellis (Burma) beat P Daruwalla

Light flyweight I Monteen (Burma) beat P Hassan

There was no national boxing tournament in 1953

CHESS

The results of the principal tournaments were

Hyderabad Championship, April 1953

S M Kazmi 1 C Bapi Raju 2 I I Colquhoun and S Hussein Ali (tie) 3

Madras Championship July 1952

G S Dikshit 1 D Venkaiya 2 S Narayanan 3

Capt Ranade Memorial Championship at Poona May 1953

G S Dikshit 1 P I Khadilkar 2 S V Samant 3

Bombay State Open Championship December 1953

R B Sapre 1 M M Rao 2 B D Alurkar 3

FIRST NATIONAL GAMES

The results of the First National Games held between March 4 and March 7 are as follows

Services athletes swept all before them in claiming the championship of the First National Games (these games were termed Olympic games in previous years) with an aggregate of 139 points as against 28 points secured by Punjab who obtained the second place Delhi filled the third place with 23 points

The women's championship went to Bombay with 10 points Bihar and Bengal tied for the second place with 8 points each while Madhya Bharat finished third with 6 points

This was a record breaking meet for as many as thirty three national records were broken.

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METEOROLOGY

Normal Monthly and Annual Maximum Temperature in Shade at Selected Stations in India

Stations	Elevation in feet	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
HILL STATIONS		° F	° F	° F	° F	° F	° F	° F	° F	° F	° F	° F	° F	° F
Darjeeling	7,432	47 0	47 8	55 4	61 2	62 9	64 9	65 7	65 6	64 6	61 7	55 6	50 5	58 6
Shillong	4,921	60 1	62 5	70 4	74 1	74 0	74 5	75 3	75 1	74 3	71 1	66 0	61 6	69 9
Simla	7,224	47 5	48 8	57 0	65 9	73 2	75 1	70 9	68 4	68 4	64 3	58 3	50 6	62 4
COASTAL STATIONS														
Bombay	35	83 2	83 1	86 2	89 1	91 1	88 5	85 5	85 0	85 5	88 8	89 4	86 6	86 8
Madras	51	85 3	88 3	91 4	95 5	101 3	99 6	96 3	94 8	93 9	90 1	85 4	84 1	92 2
STATIONS ON THE PLAINS														
Allahabad	322	74 8	79 2	91 7	102 6	107 1	102 7	92 1	89 4	91 5	90 4	83 4	75 7	90 1
Calcutta	21	79 6	83 7	92 5	96 8	95 6	92 4	89 5	89 0	89 9	89 2	84 2	79 4	88 5
Kanpur	413	71 9	77 0	89 4	99 4	106 2	102 7	92 4	89 7	90 9	91 2	82 8	74 0	89 0
Cuttack	87	83 1	88 2	96 6	101 2	101 4	95 5	89 5	89 0	90 0	89 7	85 0	81 2	90 9
New Delhi	710	70 0	75 8	87 0	98 8	106 1	104 3	95 1	92 5	92 7	92 0	83 9	73 6	89 3
Lucknow	371	73 9	78 6	90 8	101 4	105 4	100 2	92 4	90 5	91 9	91 4	83 9	75 9	89 7
Patna	173	73 0	77 8	89 8	98 9	100 3	96 2	90 7	89 1	89 7	88 6	82 1	74 6	87 6
PLATEAU STATIONS														
Dehra Dun	2,239	66 1	69 3	79 4	90 0	96 0	93 7	86 5	84 5	84 8	82 9	75 4	68 7	81 4
Nagpur	1,021	83 7	88 2	96 7	104 2	108 7	99 5	88 3	87 3	89 8	90 6	85 5	81 7	92 0

Normal Monthly and Annual Minimum Temperature in Shade at Selected Stations in India.

Stations	Elevation in feet	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
HILL STATIONS	For elevation, see table of maximum temperature normals	° F	° F	° F	° F	° F	° F	° F	° F	° F	° F	° F	° F	° F
Darjeeling		35 4	36 6	43 0	48 8	52 4	56 5	58 0	57 7	56 0	50 2	43 1	36 6	47 9
Shillong		38 8	42 4	50 8	57 0	59 1	63 0	64 6	64 0	61 6	54 8	46 2	40 0	53 5
Simla		35 4	36 1	43 6	50 6	57 7	60 1	59 2	59 2	56 3	51 4	44 2	39 3	49 4
COASTAL STATIONS														
Bombay		66 7	67 4	71 9	76 1	79 6	78 6	76 7	76 1	75 7	75 6	72 5	68 8	73 8
Madras		67 1	68 4	72 4	78 1	81 7	81 1	79 3	78 0	77 2	75 0	71 9	68 9	74 9
STATIONS ON THE PLAINS														
Allahabad		47 1	50 9	61 0	71 4	79 9	82 9	79 8	78 5	76 6	67 1	54 3	47 1	66 4
Calcutta		54 6	59 4	68 8	75 5	77 5	78 6	78 6	78 3	78 0	73 8	63 7	55 0	70 2
Kanpur		45 7	51 0	60 1	70 6	80 4	83 0	79 9	78 7	76 2	66 0	53 9	46 5	66 0
Cuttack		59 8	64 8	71 8	77 5	79 9	79 6	78 3	78 1	77 8	74 4	65 8	58 7	72 2
New Delhi		45 1	49 0	58 6	70 5	80 1	83 6	80 4	79 0	75 8	65 3	52 6	44 2	65 3
Lucknow		47 1	51 4	60 6	70 8	78 3	81 7	79 5	78 6	76 5	66 5	54 1	47 3	66 0
Patna		51 1	54 8	64 3	73 5	78 1	79 9	79 9	79 7	78 9	72 8	61 0	52 3	68 9
PLATEAU STATIONS														
Dehra Dun		44 0	46 6	54 1	62 5	70 1	74 1	73 8	72 9	69 5	60 3	51 1	47 1	60 3
Nagpur		56 0	59 9	66 7	74 5	80 9	79 6	75 5	75 0	74 2	66 5	59 1	53 8	68 5

Normal Monthly and Annual Rainfall at Selected Stations in India

Stations	Elevation in feet	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
HILL STATIONS	For elevation, see table of maximum temperature normals	in	in	in	in	in	in	in	in	in	in	in	in	in
Darjeeling		0 52	1 19	1 88	4 14	9 63	24 18	32 92	26 56	18 90	5 41	0 81	0 27	126 42
Shillong		0 52	1 06	1 97	5 10	11 29	18 16	13 65	12 49	11 79	6 72	1 61	0 28	84 64
Simla		2 61	2 92	2 36	1 81	2 53	6 04	16 30	16 85	6 68	1 18	0 52	1 24	61 04
COASTAL STATIONS														
Bombay		0 14	0 08	0 05	0 03	0 65	19 06	24 27	13 39	10 39	2 54	0 53	0 08	71 21
Madras		1 41	0 41	0 29	0 61	1 03	1 86	3 60	4 58	4 68	12 04	13 96	5 45	49 92
STATIONS ON THE PLAINS														
Allahabad		0 85	0 63	0 56	0 17	0 63	5 04	12 56	10 03	8 36	2 34	0 31	0 34	41 82
Calcutta		0 37	1 17	1 36	1 75	5 49	11 69	12 81	12 92	9 95	4 48	0 81	0 18	62 98
Kanpur		0 56	0 66	0 29	0 22	0 32	3 19	10 75	11 20	6 79	1 30	0 35	0 28	35 91
Cuttack		0 32	0 78	1 04	1 07	3 57	9 95	12 89	13 40	9 76	5 34	1 62	0 23	59 97
New Delhi		0 99	0 83	0 51	0.33	0.52	3 03	7 03	7 23	4 84	0 40	0 10	0 43	26 24
Lucknow		0 76	0 72	0 34	0 25	0 77	4 46	12 00	11 50	7 40	1 28	0 22	0 32	40 02
Patna		0 59	0 74	0 42	0 27	1 40	7 14	11 58	13 09	8 60	2 30	0 34	0 22	46 69
PLATEAU STATIONS														
Dehra Dun		2 32	2 47	1 26	0 65	1 45	8 55	26 30	28 79	10 62	1 26	0 35	1 02	85 04
Nagpur		0 37	0 65	0 60	0 60	0 76	8 82	14 60	11 42	8 01	2 17	0 77	0 47	49 24

SUB DIVISIONAL MEANS OF RAINFALL IN EACH MONTH AND DURING THE SEASON AS A WHOLE JUNE TO SEPTEMBER 1953

SUB DIVISIONS	JUNE TO SEPTEMBER			
	Actual	Normal	Departure from Normal	Percentage Departure from Normal
1	2	3	4	5
1 Bay Islands	68 9	70 9	— 2 0	— 3
2 Assam (including Manipur and Tripura)	61 2	59 8	+ 1 4	+ 2
3 West Bengal	54 9	56 9	— 2 0	— 3
3(a) Sub Himalayan West Bengal	74 6	86 8	— 12 2	— 14
3(b) Gangetic West Bengal	46 0	45 0	+ 1 5	+ 3
4 Orissa	41 2	43 0	— 1 8	— 4
5 Chota Nagpur	55 5	43 0	+ 12 5	+ 29
6 Bihar	47 1	42 5	+ 4 6	+ 11
7 Uttar Pradesh, East	53 3	37 3	+ 16 1	+ 43
8 Do do West	33 0	35 1	— 1 6	— 5
9 Punjab (I) (including PEPSU and Delhi)	24 1	20 5	+ 3 7	+ 18
10 Jammu and Kashmir †	—	—	—	—
11 Rajasthan, West	10 0	9 9	+ 0 1	+ 1
12 Do East (including Ajmer)	20 6	24 6	— 4 0	— 16
13 Madhya Bharat (including Bhopal)	26 1	34 9	— 8 7	— 25
14 Vindya Pradesh	39 9	41 7	— 1 9	— 4
15 Madhya Pradesh, East	52 0	51 5	+ 1 0	+ 2
16 Do do West	34 9	39 2	— 4 3	— 11
17 Gujarat	38 3	29 8	+ 8 5	+ 29
18 Saurashtra and Kutch	29 7	17 5	+ 12 2	+ 70
19 Konkan	109 9	94 4	+ 15 5	+ 16
20 Deccan (Desh)	24 6	20 8	+ 3 8	+ 18
21 Hyderabad, North	37 7	28 1	+ 9 7	+ 34
22 Do South	24 6	22 8	+ 1 8	+ 8
23 Coastal Andhradesa	22 9	19 8	+ 3 1	+ 16
24 Rayalaseema	17 7	15 3	+ 2 5	+ 16
25 Tamilnad	12 8	11 2	+ 1 6	+ 14
26 Malabar and South Kanara	90 6	100 3	— 9 7	— 10
27 Mysore	24 4	22 9	+ 1 5	+ 7
28 Travancore Cochin	52 9	51 8	+ 1 1	+ 2
Mean of India excluding Kashmir, and Bay Islands	35 4	33 1	+ 2 3	+ 7

† Data not available

MONSOON RAINFALL SUMMARY 1953

The south west monsoon set in over Travancore Cochin by the 7th June, about a week after the usual date, but extended over the whole country by the end of the month

The monsoon was vigorous in the Konkan between the 18th and 21st causing floods in many parts in the northern districts

Locally heavy to very heavy rain also occurred in Berar on the 21st and in sub Himalayan West Bengal, Assam and north Bihar on the 26th

Rainfall in July was fairly well distributed and in excess over the whole country, although no depressions formed during this month in the Bay of Bengal

Locally heavy rain in south Deccan (Desh) was responsible for floods in the Kolhapur district

Floods were also reported from Assam and many parts of north Bihar due to active monsoon conditions during the month

The monsoon continued to be fairly active over north India and in Konkan throughout August It was vigorous in Orissa on the 3rd in Madhya Pradesh between the 3rd and 5th and in the north Punjab (I) on the 3rd Very heavy rainfall was recorded in south east Madhya Pradesh on the 13th

The heavy rainfall in south east Madhya Pradesh during the first half of the month was responsible for severe floods in the deltaic region of the river Godavari

The monsoon was again vigorous in the north Konkan Gujarat and Saurashtra during the first week of September Also very heavy rainfall was recorded in sub Himalayan West Bengal on the 10th and in Assam between the 10th and 14th

The south west monsoon withdrew from the country outside the south Peninsula by the 8th October, and gradually from the whole country towards the end of October

The rainfall during the monsoon as a whole, was in large excess in Saurashtra and Kutch and in moderate excess in Chota Nagpur, east Uttar Pradesh, Gujarat and north Hyderabad It was in slight excess in Bihar the Punjab (I), the Konkan, Deccan (Desh), coastal Andhradesa, Rayalaseema and Tamiland, and normal over the rest of the country, except in sub-Himalayan West Bengal, east Rajasthan, Madhya Bharat and west Madhya Pradesh where it was in slight to moderate defect

Averaged over the plains of India, the rainfall was 7 per cent in excess

*

SOCIETIES AND INSTITUTIONS

Note 1 Some all India organizations are listed here

Note 2 Reference should also be made to societies listed under individual States

Note 3 Societies have been grouped under the following headings

Commercial, Industrial, Trade
Educational
Literary and Art
Medical
Political.
Professional
Religious and Semi Religious
Scientific and Research
Trade Unions
Welfare Agencies
Women's Associations
Youth Associations

COMMERCIAL, INDUSTRIAL, TRADE

ADVERTISING AGENCIES ASSOCIATION OF INDIA, C/o Everest Advertising Ltd 192, Hornby Road, Bombay 1

ALL INDIA BOBBIN MANUFACTURERS ASSOCIATION, 5, Ali Chambers, Tamarind Lane Fort, Bombay

ALL INDIA EXPORTERS ASSOCIATION, Churchgate House, Churchgate Street, Fort Bombay

ALL INDIA FEDERATION OF MASTER PRINTERS C/o The Bolton Fine Art Litho Works Building 274 Tardeo Road, Bombay 7

ALL INDIA FOOD PRESERVERS ASSOCIATION, 18 A, Aurangzeb Road, New Delhi

ALL INDIA GLASS MANUFACTURERS FEDERATION Hotel Regal, Queen's Road, New Delhi

ALL INDIA IMPORTERS ASSOCIATION, Churchgate House, Churchgate Street, Fort, Bombay

ALL INDIA JUTE MILL BOBBIN MANUFACTURERS ASSOCIATION, P 11, Mission Row Extension Calcutta 1

ALL INDIA KISAN CONGRESS, 2, Ferozeshah Road, New Delhi

ALL INDIA MANUFACTURERS ORGANIZATION, Industrial Assurance Building, Opp Churchgate Station Fort, Bombay

ALL INDIA OIL SEEDS GROWERS ASSOCIATION, Nibubrolu, South India

ALL INDIA ORGANIZATION OF INDUSTRIAL EMPLOYERS 28, Ferozshah Road New Delhi 1

ALL INDIA PLASTIC MANUFACTURERS ASSOCIATION, Chowpatty Chambers, Sandhurst Bridge, Bombay

ALL INDIA RADIO MERCHANTS' ASSOCIATION, Fatch Manzil, Opera House, Bombay 4

ALL INDIA SINDWORK MERCHANTS ASSOCIATION Commissariat Building 231 Hornby Road, Bombay 1

ALL INDIA VILLAGE INDUSTRIES ASSOCIATION, Maganwadi, Wardha (Madhya Pradesh)

AMATEUR CINE SOCIETY OF INDIA, C/o I H Makani, Esq, Clifton Studio, Standard Building, Hornby Road, Bombay 1

ASSOCIATION OF INDIAN IMPORTERS OF DYESTUFFS, Fort Chambers, Hamam Street, Fort, Bombay

ASSOCIATION OF INDIAN INDUSTRIES, Industrial Assurance Building, Opp Churchgate Station, Fort, Bombay 1

ASSOCIATION OF MERCHANTS AND MANUFACTURERS OF TEXTILE STORES AND MACHINERY (INDIA), Sir Vithaldas Chambers 16, Apollo Street, Fort, Bombay 1

AUTOMOTIVE MANUFACTURERS' ASSOCIATION OF INDIA, 23 B, Netaji Subhas Road, Calcutta 1

CINEMATOGRAPH EXHIBITORS' ASSOCIATION OF INDIA, Sandhurst Building, Sandhurst Road Bombay 4

DEPARTMENT OF COMMERCIAL INTELLIGENCE AND STATISTICS (GOVERNMENT OF INDIA), 1, Council House Street Calcutta

DOOARS BRANCH INDIAN TEA ASSOCIATION Mal P O, Dooars

EMPLOYERS FEDERATION OF INDIA Elphinstone Building Vir Nariman Street, Bombay 1

FEDERATION OF BRITISH INDUSTRIES, Head Office 21, Tothill Street, London S W 1 Indian Branch Office United India Building Sir Phirozeshah Mehta Road, Bombay 1

FEDERATION OF ELECTRICITY UNDERTAKINGS OF INDIA, Killick Building, Home Street Bombay 1

FEDERATION OF WOOLLEN MANUFACTURERS IN INDIA, F K Building Dougall Road Ballard Estate, Bombay

FILM FEDERATION OF INDIA Sandhurst Building, Sandhurst Road, Bombay 4

INDIAN CANVAS PROOFERS AND FABRICATORS ASSOCIATION, P 11, Mission Row Extension Calcutta 1

INDIAN CHEMICAL MANUFACTURERS ASSOCIATION, Shrinivas House, Outram Road, Bombay 1

INDIAN CHEMICAL MANUFACTURERS ASSOCIATION, 12, Netaji Subhas Road Calcutta 1

INDIAN COLLIERY OWNERS ASSOCIATION, Jharia, Bihar

INDIAN CONFECTIONERY MANUFACTURERS ASSOCIATION 23 B Netaji Subhas Road Calcutta 1

INDIAN COUNCIL FOR PROMOTION OF INTERNATIONAL TRADE, Kermani Building Sir Phirozeshah Mehta Road, Fort, Bombay 1

INDIAN AND EASTERN NEWSPAPER SOCIETY 27, Barakhamba Road New Delhi

INDIAN ELECTRICAL MANUFACTURERS ASSOCIATION 35, Stephen House, Dalhousie Square Calcutta 1

INDIAN ENGINEERING ASSOCIATION Royal Exchange Building, Clive Street, Calcutta

INDIAN INSTITUTE OF ARTIN INDUSTRY, Artistry House 15, Park Street Calcutta

INDIAN JUTE MILLS ASSOCIATION, Royal Exchange, Post Box No 280 Calcutta

INDIAN LAMP FACTORIES ASSOCIATION, P 11, Mission Row Extension, Calcutta 1

INDIAN LEATHER FEDERATION, Mel Vishram (N A District)

INDIAN MANUFACTURERS EXPORT ASSOCIATION, Nath Brothers, Kashi House, Connaught Place New Delhi

INDIAN MINING ASSOCIATION, Royal Exchange Calcutta 1

INDIAN MINING FEDERATION, 13 Canning Street Calcutta

INDIAN MOTION PICTURE DISTRIBUTORS ASSOCIATION, Mogul Lane, Off Sitaladevi Temple Road, Mahim Bombay 16

INDIAN MOTION PICTURE PRODUCERS ASSOCIATION Sandhurst Building, Sandhurst Road, Bombay 4

INDIAN NATIONAL STEAMSHIP OWNERS ASSOCIATION, Scindia House, Ballard Estate, Bombay 1

INDIAN ROADS AND TRANSPORT DEVELOPMENT ASSOCIATION LTD, 27, Bastion Road, Bombay 1

INDIAN STOCK EXCHANGE LTD Lakshmi Building, Sir Phirozshah Mehta Road, Fort Bombay 1

INDIAN SUGAR MILLS ASSOCIATION, 102 A, Clive Street, Calcutta

INDIAN TEA ASSOCIATION, 2, Clive Street, Calcutta

INDIAN TOBACCO MERCHANTS' ASSOCIATION, Tobacco Warehouse, Clive Road, Bombay 9

KINEMATOGRAPH RENTERS' SOCIETY OF INDIA BURMA AND CEYLON, LTD, Haroon House Bazar Gate Street, Fort Bombay 1

MOTION PICTURE SOCIETY OF INDIA, Sandhurst Bldg Sandhurst Road, Bombay 4

PRESS ASSOCIATION OF INDIA, 196-B, Gaiwadi Girgaum Bombay 4

SILK MERCHANTS ASSOCIATION Dahanukar Building, Kalbadevi Road, Bombay 2

TEXTILE ASSOCIATION (INDIA), Ganesh Bhuvan, Superibaug Road Parel, Bombay 12

UNITED CHAMBER OF TRADE ASSOCIATIONS Chandni Chowk, Delhi

WINE, SPIRIT AND BEER ASSOCIATION OF INDIA Royal Exchange Calcutta 1

YARN MERCHANTS ASSOCIATION, LTD, 111 Chawla Building, Tambakanta, Bombay 3

Chambers of Commerce

ASSOCIATED CHAMBERS OF COMMERCE OF INDIA Royal Exchange 6, Netaji Subhas Road Calcutta

FEDERATION OF INDIAN CHAMBERS OF COMMERCE AND INDUSTRY 28, Feroz-shah Road New Delhi

INDIAN CHAMBER OF COMMERCE, 23 B, Netaji Subhas Road Calcutta 1

INDIAN MERCHANTS CHAMBER Lalji Naranji Memorial Indian Merchants Chamber Building Churchgate Street, Fort, Bombay 1

INTERNATIONAL CHAMBER OF COMMERCE INDIAN NATIONAL COMMITTEE, 28 Feroz-shah Road, New Delhi

Insurance Associations

ACTUARIAL SOCIETY OF INDIA Churchgate House Churchgate Street Fort, Bombay

ALL INDIA COOPERATIVE INSURANCE SOCIETIES ASSOCIATION Co-operative Insurance Building Sir Phirozeshah Mehta Road Fort Bombay

ALL INDIA INSURANCE FIELD WORKERS ASSOCIATION, P-11, Mission Row Extension Calcutta

ASSOCIATION OF INDIAN INSURANCE OFFICES, Arvasthan Insurance Building 15 Chittaranjan Avenue Calcutta 13

ASSOCIATION OF LIFE ASSURANCE OFFICES IN INDIA, North British Building 3 7, Netaji Subhas Road, Calcutta

ASSOCIATION OF MUTUAL LIFE OFFICES IN INDIA BOMBAY

FEDERATION OF INDIAN INSURANCE COMPANIES New Asiatic Building, Connaught Circus New Delhi

INDIAN INSURANCE COMPANIES ASSOCIATION, Industrial Assurance Building, Opp Churchgate Station Bombay

INDIAN INSURANCE COMPANIES ASSOCIATION, Calcutta

INDIAN INSURANCE COMPANIES ASSOCIATION (CEYLON), 52, Baile Street, Colombo

INDIAN INSURANCE INSTITUTE, P 11, Mission Row Extension, Calcutta

INDIAN INSURANCE SOCIETY, Calcutta

INDIAN LIFE ASSURANCE OFFICES ASSOCIATION Industrial Assurance Building, Opp Churchgate Station, Bombay

INSURANCE CLUB, Kodarma

INSURANCE UNDERWRITERS' ASSOCIATION OF INDIA, 14, Netaji Subhas Road, Calcutta

NATIONAL EMPLOYERS MUTUAL GENERAL INSURANCE ASSOCIATION LTD Kamani Chambers 32 Nicol Road Ballard Estate Bombay 1

POLICYHOLDERS ASSOCIATION OF INDIA, 8 N Creek Lane Calcutta

PROVIDENT INSURANCE COMPANIES ASSOCIATION, Mherwan Building Sir Phirozeshah Mehta Road Fort Bombay

PROVIDENT INSURANCE COMPANIES ASSOCIATION OF INDIA 15 Chittaranjan Avenue Calcutta

SOUTH INDIA INSURANCE ASSOCIATION Andhra Insurance Building Thambu Chetty Street Madras

EDUCATIONAL

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION C/o Ministry of Education New Delhi

ALL INDIA FEDERATION OF EDUCATIONAL ASSOCIATIONS 6523 Paranjothi Street Secunderabad Dn

ALL INDIA PRIMARY TEACHERS FEDERATION Gokhale Society Lane Poibavdi Bombay 12

BENARAS MATHEMATICAL SOCIETY Department of Mathematics Lucknow University Lucknow

BOTANICAL SOCIETY OF BENGAL Department of Botany 35, Ballygunj Circular Road Calcutta 19

HINDUSTAN TALIMI SANGH Sevagram Wardha

INDIAN ADULT EDUCATION ASSOCIATION, 30 Faiz Bazar Delhi

INDIAN COUNCIL OF CHILD EDUCATION Sumanas, 39, Edward Elliots Road Mylapore Madras 4

INDIAN INSTITUTE OF ARCHITECTS Prospect Chambers Annexe Hornby Road Fort Bombay

INDIAN INSTITUTE OF METALS 23B Netaji Subhas Road Calcutta

INSTITUTION OF ENGINEERS (INDIA) 8, Gokhale Road, Calcutta

THE MINING GEOLOGICAL AND METALLURGICAL INSTITUTE OF INDIA 27 Chowringhee Calcutta

ORIENTAL INSTITUTE Baroda

PRAJNA PATHASHALA Wai (Dt Satara)

RASHTRA BHASHA PRACHAR SAMITI Wardha (Madhya Pradesh)

S I HINDI PRACHAR SABHA, Madras 17

VEDIC SAMSHODHANA MANDIR Poona 2

LITERARY AND ART

ALL INDIA LIBRARY ASSOCIATION Calcutta

ACADEMY OF FINE ARTS Indian Museum House 27 Chowringhee Calcutta

ALL INDIA FINE ARTS AND CRAFTS SOCIETY Parliament Street, New Delhi

ART SOCIETY OF INDIA, Sandhurst House, Sandhurst Road, Bombay 4

BM SOCIETY Chitrakoot Ellis Bridge Ahmedabad

BANGIYA SAHITYA PARISHAD, Calcutta

BHARATA GANITA PARISHAD (Formerly Benares Mathematical Society), Lucknow University Lucknow

BHARATA ITIHASA SAMSHODHAKA MANDALA 312 13, Sadashiv Peth Poona City

BHARATIYA VIDYA BHAVAN, Bombay

BOMBAY ART SOCIETY, Jehangir Art Gallery, Mahatma Gandhi Road Bombay 1

CAMERA PICTORIALISTS OF AHMEDABAD Salapose Ahmedabad 1

CAMERA PICTORIALISTS OF BOMBAY, C/o Messrs Continental Photo Stores, 243 45 Hornby Road, Bomay 1

DELHI SHILPI CHAKRA, 26, Gole Market, New Delhi

HINDUSTANI ACADEMY, Allahabad (U P)

INDIAN ACADEMY OF FINE ARTS, Cooper Road, Amritsar

INDIAN HISTORY CONGRESS C/o Dr P C Gupta Secretary 125, Rashbehari Avenue, Calcutta 29

INDIAN INSTITUTE OF ART IN INDUSTRY, Artistry House, 15 Park Street Calcutta 16

INDIAN INSTITUTE OF CULTURE 6 North Public Square Road Basavangudi, Bangalore City

INDIAN MATHEMATICAL SOCIETY, Gwyer Hall University of Delhi Delhi

INDIAN SOCIETY OF ORIENTAL ART 11, Wellington Square, Calcutta

KALAKSHETRA INTERNATIONAL ACADEMY OF THE ARTS Adyar Madras 20

KANNAD SAHITYA PARISHAD Bangalore

MAHARASHTRA SAHITYA PARISHAD Poona

MYSORE PHOTOGRAPHIC SOCIETY, 50 Sri Ram Mandir Road Bangalore 4

NAGARI PRACHARINISABHA Banaras

NATIONAL ACADEMY OF LETTERS New Delhi

NIHARIKA THE CLUB OF GUJRAT PICTORIALISTS Chitra Studios, Sarangpur, Ahmedabad

P I N ALL INDIA CENTRE 'Aryasangha 22, Narayan Dabholkar Road Malabar Hill, Bombay 6

PHILATELIC SOCIETY OF INDIA C/o E Franklin DeSouza, 30 C Khotachi Wadi Bombay 4

PHOTOGRAPHIC SOCIETY OF BENGAL 24 B Hindusthan Park Calcutta 29

PHOTOGRAPHIC SOCIETY OF NEW DELHI 673 W E Area Karol Bagh New Delhi

PHOTOGRAPHIC SOCIETY OF INDIA Saheb Building 190 Dadabhoi Naoroji Road, Bombay 1

PHOTOGRAPHIC SOCIETY OF SURAT Surat

PROGRESSIVE ARTISTS ASSOCIATION, P O Box 32, Srinagar (Kashmir)

THE ROYAL ASIATIC SOCIETY Calcutta

SANGEET NATAK AKADEMI New Delhi

SRI CHITRALAYAM Trivandrum

SOUTH INDIAN SOCIETY OF PAINTERS Madras

MEDICAL

CHRISTIAN MEDICAL ASSOCIATION OF INDIA PAKISTAN BURMA AND CEYLON Nelson Square Nagpur

INDIAN CANCER SOCIETY, Tata Memorial Hospital, Parel Bombay 12

INDIAN MEDICAL UNION C o Dr S S Tgrankar Lakshmi Bldg, Sir P M Road, Bombay 1

INDIAN RED CROSS SOCIETY, 20 Talkatora Road New Delhi

NEO MALTHUSIAN LEAGUE 6/11, Gandhipuram 5, Coimbatore South India

ST JOHN AMBULANCE ASSOCIATION (INDIA) AND ST JOHN AMBULANCE BRIGADE (INDIA) 20, Talkatora Road New Delhi 2

TUBERCULOSIS ASSOCIATION OF INDIA 20, Talkatora Road, New Delhi

POLITICAL

AKHIL BHARAT HINDU MAHASABHA, Hindu Mahasabha Building, Reading Road New Delhi

AKHIL BHARAT RAM RAJYA PARISHAD, Nigam Bodh Ghat, Kashmiri Gate Delhi

ALL INDIA ANGLO INDIAN ASSOCIATION, Central Office, Hindustan Times Building, Connaught Circus, New Delhi

ALL INDIA BHARTIYA JAN SANGH, Ajmere Gate, Delhi

ALL-INDIA CIVIL LIBERTIES UNION, C/o Servants of India Society, Poona 4

ALL INDIA FORWARD BLOC, Patna

ALL INDIA GANATANTRA PARISHAD Cuttack Orissa

ALL INDIA PEACE COUNCIL, 14, Munshi Niketan, Kamla Market, New Delhi

ALL INDIA SCHEDULED CASTES FEDERATION, 207 Gherpadepeth, Poona 2

COMMUNIST PARTY OF INDIA, Opposite Irwin Hospital New Delhi

CONGRESS FOR CULTURAL FREEDOM Manekji Wadia Bldg Mahatma Gandhi Road Bombay 1

DEMOCRATIC RESEARCH SERVICE Manekji Wadia Bldg Mahatma Gandhi Road Bombay 1

FOREIGN RELATIONS SOCIETY OF INDIA New Delhi

FRIENDS OF BURMA SOCIETY, 17 Horniman Circle Fort Bombay

INDIAN COUNCIL OF WORLD AFFAIRS Kashi House Connaught Place New Delhi 1

INDIAN NATIONAL CONGRESS, 7, Jantar Mantar Road New Delhi

INDIA CHINA FRIENDSHIP ASSOCIATION Neelam Chambers 350 Lamington Road Bombay 7

INDO JAPANESE ASSOCIATION, Wodehouse Road Bombay 1

INDO SOVIET CULTURAL SOCIETY Naaz Building Lamington Rd Bombay 4

JHARKHAND PARTY, Patna, Bihar

KISAN MAZDOOR MANDAL Inside Itwara Gate, Bhopal

KRISHIKAR LOK PARTY, C/o Prof N G Ranga, 104 C, North Avenue, New Delhi

PEASANTS AND WORKERS PARTY, 279 Shivajinagar Poona 5

PEOPLES DEMOCRATIC FRONT, Narayanguda, Hyderabad Deccan

PRAJA SOCIALIST PARTY National House, 6 Tulloch Road Apollo Bunder, Bombay

PROVINCIAL ZAMINDAR (UNIONIST) PARTY Camp Office Sonepat District Rohtak (Punjab)

PURSHARTHI PANCHAYAT, Khari Khui, Ajmer

REVOLUTIONARY SOCIALIST PARTY, 37, Ripon Street, Calcutta 16

SHIROMANI AKALI DAL Amritsar

TAMILNAD TOILERS PARTY, Government Estate, Madras 2

TRAVANCORE TAMILNAD CONGRESS PARTY, Nagercoil

PROFESSIONAL

AMATEUR CINE SOCIETY OF INDIA, C/o J B Whyte & Co, 195, Hornby Road, Bombay 1

ENGINEERING ASSOCIATION OF INDIA, 23B Netaji Subhas Road Calcutta

INDIAN ENGINEERING ASSOCIATION, Bombay Branch, C/o The Chamber of Commerce Bombay 1

INSTITUTE OF CHARTERED ACCOUNTANTS OF INDIA, Room Nos 98 102, Gurdwara Road Hutments New Delhi

INSTITUTION OF ENGINEERS (INDIA), 8 Gokhale Road Calcutta 20

MECHANICAL ENGINEERS' ASSOCIATION (INDIA), Janmabhoomi Chambers, 29, Fort Street, Fort, Bombay 1

RELIGIOUS AND SEMI-RELIGIOUS

ADI BRAHMO SAMAJ, 55, Upper Chitpur Road Calcutta 7

ALL INDIA ARYA DHARMA SEVA SANGH, Birla Lines, Delhi

BHARATVARSHIYA BRAHMO SAMAJ, 95, Keshub Sen Street, Calcutta 9

BIBLE SOCIETY OF INDIA, PAKISTAN AND CEYLON, A/1, Mahatma Gandhi Road, Bangalore 1 South India

CHILD EVANGELISM FELLOWSHIP, 2, Jubilee Road, Poona 1

CHILDREN S SPECIAL SERVICE MISSION, C/o The N I C Tract and Book Society, 18, Clive Road, Allahabad 1

CHRISTIAN EDUCATIONAL COUNCIL OF SOUTH INDIA Meston Training College, Madras 14

CHRISTIAN ENDEAVOUR UNION Arcot Theological Seminary Vellore South India

CHRISTIAN HOME MOVEMENT FOR SOUTH INDIA Vishrantha Nilayam 13, Cubbon Road Bangalore 1

CHRISTIAN MEDICAL ASSOCIATION OF INDIA PAKISTAN BURMA AND CEYLON Nelson Square Nagpur

CHRISTIAN SOCIETY FOR THE STUDY OF HINDUISM 129 Dasaswamedh, Banaras

EVANGELICAL FELLOWSHIP OF INDIA Kadhwa U P

INDIA SUNDAY SCHOOL UNION Coonoor, *Nilgiri Hills (South India)*

INDIAN INSTITUTE OF SOCIAL ORDER, 4 Boat Club Road Poona 1

INDUSTRIAL MISSIONARY ASSOCIATION Pasumalai Madura District South India

RAMAKRISHNA MISSION AND MATH, P O Belur Math Dt Howrah, W Bengal

SADHARAN BRAHMO SAMAJ 211, Cornwallis Street Calcutta 6

SCRIPTURE GIFT MINISTRY OF INDIA 13 Cubbon Road Bangalore

SOCIETY FOR THE PROMOTION OF CHRISTIAN KNOWLEDGE 1 Dickenson Road Bangalore P O 501, Park Town *Madras 3*

STUDENT CHRISTIAN MOVEMENT Spencer croft, 7 a Tannery Road, Cleveland Town, Bangalore

SWADHYAYA MADAI Pardi Dist Satara

THEOSOPHICAL SOCIETY Adyar Madras

THEOSOPHY COMPANY (INDIA), LTD 51, Mahatma Gandhi Road Fort, Bombay 1

UNITED LODGE OF THEOSOPHISTS, 51 Mahatma Gandhi Road Bombay 1

WOMENS CHRISTIAN TEMPERANCE UNION 24, Rajpur Road, Delhi

SCIENTIFIC AND RESEARCH

AERONAUTICAL SOCIETY OF INDIA, Palkatora Road, New Delhi

GEOLOGICAL MINING AND METALLURGICAL SOCIETY OF INDIA, Geology Department Presidency College Calcutta 12

INDIAN ASSOCIATION OF ANALYST AND ANALYTICAL CHEMIST Office of Public Analyst to Govt , Lucknow

INDIAN BOTANICAL SOCIETY, Botanical Department Institute of Science Mayo Road, Bombay

INDIAN CERAMIC SOCIETY Department of Ceramics Banaras Hindu University Banaras

INDIAN CHEMICAL SOCIETY 92, Upper Circular Road Calcutta

INDIAN COUNCIL OF MEDICAL RESEARCH P Block, Raisina Road P B 494, New Delhi

INDIAN DAIRY SCIENCE ASSOCIATION, Hosur Road, Bangalore 1

INDIAN INSTITUTE OF CHEMICAL ENGINEERS, Grosvenor House 21, Old Court House Street, Calcutta

INDIAN MATHEMATICAL SOCIETY, Madras 4

INDIAN PHARMACEUTICAL ASSOCIATION, Department of Chemical Technology, Matunga, Bombay 19

INDIAN PHYSICAL SOCIETY C/o Indian Association for the Cultivation of Science Jadavpur Calcutta 32

INDIAN SCIENCE CONGRESS ASSOCIATION, 1 Park Street, Calcutta 16

INDIAN SOCIETY OF AGRICULTURAL STATISTICS No 31 P, New Delhi

INDIAN SOCIETY OF SOIL SCIENCE Indian Agricultural Research Institute, Pusa Buildings, New Delhi

INDIAN STATISTICAL INSTITUTE, 204 Barrackpore Trunk Road, Calcutta 35

INSTITUTION OF CHEMIST (INDIA) Chemical Department Medical College Calcutta 12

NATIONAL ACADEMY OF SCIENCES Lajpat Rai Road Allahabad 2

NATIONAL INSTITUTE OF SCIENCES OF INDIA Mathura Road New Delhi

OIL TECHNOLOGICAL SOCIETY OF INDIA H B Technological Institute, P O Kanpur (U P)

PHYSIOLOGICAL SOCIETY OF INDIA University College of Science Department of Physiology 92 Upper Circular Road Calcutta 9

ROYAL AGRICULTURAL AND HORTICULTURAL SOCIETY OF INDIA Alipore Road Calcutta

SOCIETY OF BIOCHEMISTRY AND EXPERIMENTAL MEDICINE Department of Physiology Presidency College Calcutta 12

SOCIETY OF BIOLOGICAL CHEMISTS (INDIA), P O Malleswaram Bangalore

SOCIETY OF PEDIATRICS 36 4 2 Cook Row Calcutta 14

SOCIETY FOR THE STUDY OF INDUSTRIAL MEDICINE Tata Main Hospital Jamshedpur E I Railway

SUGAR TECHNOLOGIST ASSOCIATION OF INDIA Nawabganj Kanpur

ZOOLOGICAL SOCIETY OF INDIA Zoological Survey of India Indian Museum, 27 Chowringhee Calcutta

RESEARCH INSTITUTIONS AND LABORATORIES

Scientific

B C G LABORATORY, KING INSTITUTE OF PREVENTIVE MEDICINE Guindy, Madras

BENGAL IMMUNITY RESEARCH INSTITUTE Calcutta

BIRBAL SAHNI INSTITUTE OF PALEOBOTANY Lucknow

BOSE RESEARCH INSTITUTE 93 Upper Circular Road Calcutta

BOTANICAL SURVEY OF INDIA Royal Botanical Garden Sibpur Calcutta

CENTRAL BUILDING RESEARCH INSTITUTE Roorkee

CENTRAL COCONUT RESEARCH STATION, Kayamkulam Travancore

CENTRAL DRUGS LABORATORY, 110, Chittaranjan Avenue, Calcutta

CENTRAL DRUGS RESEARCH INSTITUTE Lucknow

CENTRAL ELECTRO CHEMICAL RESEARCH INSTITUTE Kundra Road, P O Sekkilair Karaikudi

CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE Chebuvamba Mansion V V Mohalla Mysore

CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE P O Jadavpur College Calcutta

CENTRAL INLAND FISHERIES RESEARCH STATION P O Barrackpore, *Via* Calcutta

CENTRAL LABORATORIES FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, P O Kumul, Osmania Hyderabad

CENTRAL MARINE FISHERIES RESEARCH STATION, P O Mandapam (Madras)

CENTRAL POTATO RESEARCH INSTITUTE Patna

CENTRAL RESEARCH INSTITUTE, Kasauli

CENTRAL RICE RESEARCH INSTITUTE Navabazar Post Cuttack

CENTRAL ROAD RESEARCH INSTITUTE P O Okhla New Delhi

CENTRAL SALT RESEARCH STATION Bhavnagar

CENTRAL SERICULTURAL RESEARCH STATION Berhampur (West Bengal)

CENTRAL TOBACCO RESEARCH STATION, Rajahmundry

CENTRAL VEGETABLE BREEDING STATION, Kulu (Punjab)

CENTRAL WATER & POWER RESEARCH STATION Poona

CIGARETTE TOBACCO RESEARCH STATION Guntur

DILPASA FISHING STATION Botawala Chambers Sir Pherozshah Mehta Road, Bombay

DR K I CAJJAR LABORATORY Dherwan Building Sir Pherozshah Mehta Road, Bombay

DRUG RESEARCH LABORATORY Lilami

FISHERIES DEPARTMENT MARINE BIOLOGICAL RESEARCH STATION, Taraporewala Aquarium Bombay

FOREST RESEARCH INSTITUTE Dehra Dun

FOREST RESEARCH LABORATORY, Malleswaram Bangalore

FRUIT RESEARCH INSTITUTE Sabour P O Dist Bhagalpur

FRUIT RESEARCH INSTITUTE Combatore

FUEL RESEARCH INSTITUTE Digwadih (Dhanbad)

GEODETIC AND RESEARCH BRANCH, SURVEY OF INDIA Dehra Dun

GEOLOGICAL SURVEY OF INDIA 27, Chowringhee Road Calcutta

HAFFKINE INSTITUTE Parel Bombay

HYDRAULIC RESEARCH LABORATORIES, Poona

INDIAN AGRICULTURAL RESEARCH INSTITUTE New Delhi

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE, 210, Bow Bazar St , Calcutta

INDIAN CANCER RESEARCH CENTRE, Bombay

INDIAN CENTRAL COTTON COMMITTEE, TECHNOLOGICAL LABORATORY, Matunga Bombay 19

INDIAN DAIRY RESEARCH INSTITUTE, Bangalore

INDIAN INSTITUTE FOR MEDICAL RESEARCH Calcutta

INDIAN INSTITUTE OF SCIENCE Bangalore 3

INDIAN LAC RESEARCH INSTITUTE, Ranchi

INDIAN METEOROLOGICAL DEPARTMENT, New Delhi

INDIAN VETERINARY RESEARCH INSTITUTE Mukteswar Kumaon U P

INDIA TEA ASSOCIATION RESEARCH INSTITUTE Tookla Assam

INDUSTRIAL RESEARCH LABORATORY AND BENGAL TANNING INSTITUTE Calcutta

INSTITUTE OF RADIO PHYSICS AND ELECTRONICS Calcutta

INSTITUTE OF NUCLEAR PHYSICS, 92, Upper Road Calcutta

INSTITUTE OF PLANT INDUSTRY Indore

INSTITUTE OF PSYCHOLOGICAL RESEARCH AND SERVICE Patna

IONOSPHERIC RESEARCH STATION, Harrighatta Calcutta

JUTE AGRICULTURAL RESEARCH INSTITUTE Central Jute Committee, Barrackpore (West Bengal)

JUTE TECHNOLOGICAL RESEARCH LABORATORY Calcutta

LABORATORIES OF INDIAN ACADEMY OF SCIENCE Malleswaram Bangalore

MAHARASHTRA ASSOCIATION FOR THE CULTIVATION OF SCIENCE Poona

MALARIA INSTITUTE OF INDIA Delhi

NATIONAL CHEMICAL LABORATORY Poona

NATIONAL METALLURGICAL LABORATORY Jamshedpur

NATIONAL PHYSICAL LABORATORY, Hill Side Road New Delhi

NUTRITION RESEARCH LABORATORIES, Coonoor

OIL TECHNOLOGICAL INSTITUTE, Anantapore (Madras)

PADDY RESEARCH STATION, Nagina, Dist Bijnaur

PASTEUR INSTITUTE AND MEDICAL RESEARCH INSTITUTE Shillong

PASTEUR INSTITUTE OF SOUTHERN INDIA Coonoor

PASTEUR INSTITUTE, Patna

PHYSICAL RESEARCH LABORATORY, Ahmedabad

RAMAN RESEARCH INSTITUTE, Indian Academy of Science, Hebbal Post, Bangalore

SRI RAM INSTITUTE OF INDUSTRIAL RESEARCH, 19, University Road, Civil Lines, Delhi

SUGARCANE RESEARCH INSTITUTE, Bhadruk, Jail Road Lucknow (U P)

SUGARCANE RESEARCH STATION, Pusa, Bihar

SUGARCANE RESEARCH STATION Poona

SUGARCANE RESEARCH STATION, Shah jehanpur

SUGAR RESEARCH INSTITUTE, Coimbatore

TATA INSTITUTE OF FUNDAMENTAL RESEARCH, Apollo Pier Road, Bombay

TOBACCO RESEARCH STATION, Anand (Bombay)

TUCKLAI EXPERIMENTAL STATION, Cinnamara P O (Assam)

ZOOLOGICAL SURVEY OF INDIA Jaba kusum House, 34, Chittaranjan Avenue, Calcutta

Humanistic

ANJUMAN I ISLAM URDU RESEARCH INSTITUTE Hornby Road, Bombay

ARCHAEOLOGICAL SURVEY OF INDIA, New Delhi

BHANDARKAR ORIENTAL RESEARCH INSTITUTE Poona

B J INSTITUTE OF LEARNING AND RESEARCH, Bhadra, Ahmedabad

CENTRAL PEDAGOGICAL RESEARCH INSTITUTE Allahabad

DECCAN COLLEGE POST GRADUATE & RESEARCH INSTITUTE Poona

GANGANATH JHA RESEARCH INSTITUTE Allahabad

GOKHALE INSTITUTE OF POLITICS AND ECONOMICS, Poona

INDIAN HISTORICAL RESEARCH INSTITUTE, St Xaviers College Bombay

INDIAN INSTITUTE OF EDUCATION, 11 Elphinstone Circle Bombay

INDIAN INSTITUTE OF PHILOSOPHY, Amalner East Khandesh

INSTITUTE OF CHILD DEVELOPMENT, Pharmacy College, Navrangpura Ahmedabad

KANNADA RESEARCH INSTITUTE, Dharwar

KUPPUSWAMI SASTRI RESEARCH INSTITUTE Mylapore Madras

MARATHI SANSHODHAN MANDAL, Mumbai Marathi Granthsanghralaya, Thakurdwar, Bombay

NATIONAL INSTITUTE OF PRACTICAL PSYCHOLOGY, Sunamn House, Malabar Hill Bombay

ORIENTAL INSTITUTE, Baroda

PRACHYAVANI (Institute of Oriental Learning) Calcutta

RAMAVARMA RESEARCH INSTITUTE, C/o Deptt of Archaeology, Trivandrum

SIR J J Z MADRESSA, Engineers Buildings, Princess Street, Bombay

THE BHARTIYA VIDYA BHAVAN, Chowpatty, Bombay

VENKATESVARA RESEARCH INSTITUTE, Tirupati

VISHVESHWARANAND VEDIC RESEARCH INSTITUTE Hoshiarpur

TRADE UNIONS

ALL INDIA BANK EMPLOYEES' ASSOCIATION, Bombay

ALL INDIA DEFENCE EMPLOYEES FEDERATION, 70 Market Street, Kirkee, Poona 3

ALL INDIA POSTAL AND RMS UNION, 24, Daryaganj, Delhi

ALL INDIA RESERVE BANK EMPLOYEES ASSOCIATION Bombay

ALL INDIA TRADE UNION CONGRESS C o Opposite Irwin Hospital New Delhi

HIND MAZDOOR SABHA, C/o 6 Tulloch Road Apollo Bunder Bombay 1

INDIAN NATIONAL TRADE UNION CONGRESS C/o 7 Jantar Mantar Road, New Delhi

MARITIME UNION OF INDIA, 204 Hornby Road, Fort Bombay 1

NATIONAL RAILWAY WORKERS FEDERATION Mylapore Madras

UNITED TRADE UNION CONGRESS Bow bazar St Calcutta

WELFARE AGENCIES

ALL INDIA CRIME PREVENTION SOCIETY Old Post Office Building, Hazratganj Lucknow

ALL INDIA ISMAILLIA HELPING SOCIETY Kersasp Building Dongri Street Bhimpura

INDIA SEVA SAMITI, Malaviya Road Allahabad

ALL INDIA ZIONIST FEDERATION, 63/67 Medows Street Fort Bombay 1

BHARATIYA ADIMJATI SEVAK SANGH Kingsway Delhi 9

CONVENTION OF THE TEACHERS OF THE DEAF IN INDIA 50, Bondel Road, Ballygunj Calcutta 19

DEPRESSED INDIA ASSOCIATION Associations New Building Clarke Road P O Jacob Circle Bombay 11

FAMILY PLANNING ASSOCIATION OF INDIA 5 Carmichael Road Bombay 26

GANDHI SMARAK NIDHI, 5 Mansingh Road, New Delhi 2

INDIA VILLAGE SERVICE Mainpuri, U P

INDIAN CONFERENCE OF SOCIAL WORK 16 Government Hutments 6, A, Cooperage Bombay 1

INDIAN NATIONAL SOCILTY, Soho House, Lohar Chawl Bombay 2

INDIAN RAILWAY PASSENGERS CONFERENCE ASSOCIATION Ruby House, Colaba Tram Terminus, Bombay 5

KASTURBA GANDHI NATIONAL MEMORIAL TRUST, P O Kasturbagram, Dist Indore, Madhya Bharat

NATIONAL ASSOCIATION FOR THE BLIND C/o Victoria Memorial School for the Blind, Tardeo, Bombay 7

NATIONAL EMPLOYMENT SERVICE, Directorate General of Resettlement and Employment, Gurdwara Road, New Delhi

PASSENGERS AND TRAFFIC RELIEF ASSOCIATION, Anand Bhavan, 346, Hornby Road, Bombay 1

SAFETY FIRST ASSOCIATION OF INDIA, Indian Globe Building, Fort Street, Bombay 1,

SERVANTS OF INDIA SOCIETY, Poona 4

SOCIETY FOR THE PROTECTION OF CHILDREN IN INDIA, 2 B, Camac Street, Calcutta

UNITED COUNCIL FOR RELIEF AND WELFARE, Rashtrapathi Bhavan, New Delhi

UNITED KINGDOM CITIZENS' ASSOCIATION, Bishop s House, 51, Chowringhee Road, Calcutta

YOUNG MEN S CHRISTIAN ASSOCIATION, 5, Russell Street, Calcutta 16

WOMEN'S ASSOCIATIONS

ALL INDIA WOMEN S CONFERENCE, Hon General Secretary, 759/31, Deccan Gymkhana, Poona 4

ALL INDIA WOMEN S FOOD COUNCIL Jamnagar House, Mansingh Road, New Delhi

ALL INDIA WOMEN S RESERVE MEDICAL UNIT, 7, York Road, New Delhi

ASSOCIATION FOR MORAL AND SOCIAL HYGIENE IN INDIA, Room No 211 A, P Block Raisina Road, New Delhi

FEDERATION OF UNIVERSITY WOMEN IN INDIA Windsor House Churchgate Reclamation, Bombay 1

NATIONAL COUNCIL FOR WOMEN IN INDIA Western House, C Block, Curzon Road New Delhi

NURSES AUXILIARY OF THE CHRISTIAN MEDICAL ASSOCIATION OF INDIA, PAKISTAN, BURMA AND CEYLON, Nelson Square Nagpur

TRAINED NURSES ASSOCIATION OF INDIA 28 Alipore Road Delhi 8

WOMENS CHRISTIAN TEMPERANCE UNION 24 Rajpur Road Delhi

YOUNG WOMENS CHRISTIAN ASSOCIATION OF INDIA Parliament Street, New Delhi

YOUTH ASSOCIATIONS

ALL INDIA BOY SCOUTS ASSOCIATION, 7 Jangpura B Extension, Mathura Road, New Delhi 14

BALKAN JI BARI AKHIL HIND BALAK SANGH Gulistan, Khar, Bombay 21

BHARAT SCOUTS AND GUIDES Regal Buildings, Parliament Street New Delhi

BANKS ASSOCIATIONS

ALL INDIA BANKERS ASSOCIATION 151, Canning Street Calcutta

INDIAN BANKS ASSOCIATION, Devkaran Nanjee Building Horniman Circle Fort, Bombay

SOCIAL

ALL INDIA SEVA SAMITI, Malaviya Road, Allahabad

INDIAN CONFERENCE OF SOCIAL WORK Central Office, 16 Government Hutments, 6 A Cooperage Bombay 1

SERVANTS OF INDIA SOCIETY, Sardar Vallabhbhai Patel Road Bombay 4

SPORTS

ALL INDIA AMATEUR ATHLETIC ASSOCIATION, Ajmer

ALL INDIA BADMINTON ASSOCIATION, C/o Secretariat of Sporting Associations, Brabourne Stadium, Bombay

ALL INDIA FOOTBALL ASSOCIATION, Calcutta

ALL INDIA HOCKEY ASSOCIATION, Khalsa College, Amritsar

ALL-INDIA LAWN TENNIS ASSOCIATION, Madras

INDIAN OLYMPIC ASSOCIATION, C/o Mr Moinul Huq, Bankipur, Patna

ALL INDIA RIFLE SHOOTING ASSOCIATION, Lankaria Road, Ahmedabad

ALL INDIA TABLE TENNIS FEDERATION, Madras

THE BOARD OF CONTROL FOR CRICKET IN INDIA, Calcutta

THE NATIONAL RIFLE ASSOCIATION, New Delhi

GOVERNMENT OF INDIA BUDGET

The following table shows the budget estimates of the Government of India for 1954 55 at a glance

REVENUE

(In Lakhs of Rs)

	Budget 1953 54	Revised 1953-54	Budget 1954 55
Customs	1,70,00	1,60,00	1,75,00
Union Excise Duties	94,00	93,55	92,60
			+ 11,85*
Corporation Tax	36 62	38,40	38,35
Taxes on Income other than Corporation Tax	68 08	69,31	70 67
Estate Duty	—	—	25
Opium	2,00	2,07	1,8
Interest	3 05	2,78	2,78
Civil Administration	11 18	10,34	10,48
Currency and Mint	15,69	15,41	20 42
Civil Works	1 53	1,62	1,63
Other Sources of Revenue	8,69	10 69	7,92
Posts and Telegraphs—Net contribution to general revenues	2 30	2,02	1,50
Railways—Net contribution to general revenues	7,65	7,50	7,37
Extraordinary Items	18 47	—	10,21
Total—Revenue	4,39 26	4,13,69	4,41,03
			+ 11 85*

EXPENDITURE

Direct Demands on Revenue	32,49	30 92	32,19
Irrigation	19	19	16
Debt Services	37 17	38 85	40,00
Civil Administration	71 27	68 57	86 08
Currency and Mint	2 57	2 56	2,63
Civil Works and Miscellaneous Public Improvements	15,06	14 75	15,54
Pensions	8,36	8,59	8,45
Miscellaneous —			
Expenditure on refugees	12,67	12 67	10,23
Subsidy on foodgrains	—	1 77	—
Other Expenditure	8 34	9,98	9,74
Grant to States, etc	26 37	26 36	32,48
Extraordinary Items	24 48	15 76	23,97
Defence Services (Net)	1 99,84	1,99,08	2,05 62
Total—Expenditure	4,38,91	4 30,65	4,07 09
Surplus(+)	+ 45	— 16,96	— 14,21
Deficit (—)			
Overall Deficit	—	—	2 38,00

*Effect of Budget Proposals

The capital expenditure provided works out to Rs 145 7 crores

TAX CHANGES

Changes in taxes, duties, excise are as follows

No Change in Income tax and Corporation Tax

Customs Duties

1 Preferential import duty on betel nuts increased by six and a half annas per pound from as 9 6 to a rupee per pound (Plus Rs 300 lakhs)

2 Increased duties on about 40 items including plastic and rubber insulated cables, electric fans and electric conduits Preference given to the U K on the import of motor cars, motor car parts and batteries to be abolished on the expiry of the period agreed under GATT (Plus Rs 125 lakhs)

3 Existing import duty on raw cotton of two annas per pound to be abolished (Minus Rs 400 lakhs)

4 Existing import duties on three categories of steel, namely, sheets, plates and rails, averaging 12 5 per cent *ad valorem* to be abolished (Minus Rs 25 lakhs)

Net effect of changes on customs revenue nil

Union Excise

1 Duty on cotton cloth increased from two annas to two annas six pies per yard in respect of superfine varieties, from one anna three pies to one anna six pies per yard in the case of fine cloth, and from three pies to six pies per yard in respect of medium and coarse varieties (Plus Rs 6 5 crores)

2 New duty of one anna six pies per yard on art silk fabrics [1] Manufacturers of handlooms and units which have fewer than ten power looms to be exempted , and

Levy of an additional three pies per yard, corresponding to a similar levy which is now being made on cotton cloth, for the development of the handloom industry (Plus Rs 160 lakhs)

3 New duty of five rupees per ton on cement (Plus Rs 175 lakhs)

New ten per cent *ad valorem* duty on factory made foot-wear [2] Hand made footwear is exempted (Plus Rs 80 lakhs)

New duty on soap[3] at Rs 5 4 per cwt on washing soap in bars of one pound and more in weight, Rs 6 2 per cwt on other washing soap and Rs 14 per cwt on toilet and other soaps (Plus Rs 120 lakhs)

The incidence of these imposts will not generally exceed ten per cent of the value Cottage industry products of soap and footwear will be exempted

Total net additional revenue from excise duties is Rs 11 85 crores

HEADS OF REVENUE

Here are some heads of revenue not shown above or not shown separately (figures in thousands of rupees)

Land revenue 52,93 , State excise duties 15,48 , Stamps 1,45,13 , Forest 1 10 70 Registration 1,99 Receipts under Motor Vehicle Acts 4,80 , Other taxes and duties 7,07 Posts and telegraphs (gross) 45 66 00 , Administration of justice 2,00 , Jails and convict settlements 53 , Police 17,27 Ports and pilotage 35 88 , Light houses and light ships 29,51 , Education 13 25 , Medical 21,00 , Public health 10 61 Agriculture 61,91 , Veterinary 10 00 , Co-operation 2 , Aviation 68,30 , Broadcasting 1,30 36 Miscellaneous departments 77 90 , Currency 19,04,44 , Mint 1 37,75 , Multi purpose river schemes 20 , Electricity Schemes (gross) 673 , Receipts in aid of superannuation 9 48 , Stationery and printing 45,25 , Road and water transport schemes (gross) 9 10 , Defence receipts (effective) 10,75,92 , Defence receipts (non effective) 10,00

HEADS OF EXPENDITURE

Here are some heads of expenditure not shown above or not shown separately (figures in thousands of rupees)

Civil works 15 13,33 Multi purpose river schemes 40,36 , Famine 5 , Territorial and political pensions 21,16 , Privy purses and allowances to Indian rulers 4 82 34 , Superannuation allowances and pensions 3,42,13 , Army 1 52,95,11 Navy 12,14 38 Air Force 35 90,45 , Defence Services non effective 15 48 13 , Grants-in aid to States 32,44 90 , Miscellaneous adjustments between Union and State Governments 2 76 Extraordinary charges 22 23 21 Community Development Projects 36 63 Civil defence 1 20 , Pre partition payments 1,36 00

Development of tea industry 83,00 , Development of coffee industry 5,00 , Ground water exploration 1,31,00 , Family planning 30,00

DEMANDS FOR GRANTS

Below are some Demands for Grants and Appropriations (figures are in thousands of rupees)

Posts and Telegraphs Department 48 49 64 Meteorology 1,14,56 , Overseas Communications Service 98,56 , Aviation 2,53,14 , Archaeology 48,79 , Other Scientific Departments 2,18,76 , Education 12,14,51 , Tribal areas 4,36,95 , External affairs 5,85,75 , Territorial and political Pensions 21,16 , Forest 43 28 Agriculture 8,96,94 , Civil veterinary services 39,03 , Medical services 1,51,12 , Public health 6 34,01 , Cabinet 25,94 , Police 1,03,24 , Census 20 58 Andamans and Nicobars 1,96,95 , Broadcasting 2 32,17 Employment exchanges and resettlement 1,29,25, Survey of India 1,43,79 , Botanical survey 6,93 , Zoological survey 4,49 , Geological survey 56,57 , Mines 26,01 , Scientific research 3 21 91 Displaced persons 10,23,51 , Kutch 1,16,97 , Bilaspur 37,80 , Manipur 82,71 , Tripura 1 31,97 , Ports and pilotage 62,39 , Lighthouses and light ships 79,89 , Central Road Fund 4 62,52 , Communications (including national highways) 4,88,85 , Stationery and printing 5,27,27 [1] Parliament 1,03,43 , Secretariat of Vice President 83 , Staff household allowances of President 16,22, Union Public Service Commission 22,22

1 One anna and six pies per yard duty on art silk to be converted into duty of one anna
2 Exemption limit raised in case of non power operated section of factories employing upto 45 workers per day
3 First 125 tons of laundry soap, and first 25 tons of toilet soap cleared from taxable factory after April 1, 1954 is exempt from duty

CAPITAL TRANSACTIONS

Receipts are as follows (in lakhs of rupees)

	Revised 1953 54	Budget 1954 55
New Loans	77 36	78 28
Net Receipts from		
Treasury Bills	80 00	2 50 00
Treasury Deposit Receipts	—15	—
Treasury Savings Deposit Certificates	6 50	7 50
Post Office Savings Bank	13,50	13 50
Defence Savings Bank Deposits	—1,22	—
Post Office Cash Certificates	- 2 36	—2 07
National Savings Certificates	24,00	26 50
Defence Savings Certificates	64	20
Other Unfunded Debt	13 86	15 39
Railway Depreciation Fund	8 49	9 70
Revenue Reserve Fund (Railways)	1 05	1,18
Railway Development Fund	- 8 52	- 4 95
Telephone Development Fund	28	1
P & T Renewals Reserve Fund	—35	20
Other Miscellaneous Reserve Funds	— 5	- 27
Appropriations for Reduction or Avoidance of Debt	5 00	5,00
E P T and Income tax Deposits (net)	—15 35	- 4,25
Discount Sinking Fund (net)	83	1 04
Payment by Reserve Bank for Rupee Coin	5 00	5 00
Repayment of Loans by States	18 69	20 90
Other Loan Repayments	2 47	2 74
Other Deposits and Advances (net)	73 87	27,84
Total	2 85 28	4,33,08
Deficit on Capital Account	32 82	—
	3,18,10	4,33,08

Disbursements are as follows (in lakhs of rupees)

	Revised 1953 54	Budget 1954 55
Capital Outlay —		
Railways	17,78	33 93
Irrigation	40	25
Posts & Telegraphs	7 72	11,49
Industrial Development	7 43	24 10
Aviation	2 17	3,34
Broadcasting	32	1,24
Ports	2 65	5 31
Mint	33	72
New Capital at Delhi	1 30	6 07
Multi purpose River Schemes	4 38	3,94
Electricity Schemes	23	76
Civil Works	13,98	25 05
Commutation of Pensions	30	26
Sterling Pensions	— 7 16	—705
Defence Capital Outlay	10 36	17 75
Schemes of Government Trading	13	—3 11
Development Grants	—	16 00
Other Civil Heads	1,58	5,70
Discharge of permanent debt	1 16 50	53,02
Advance to State Governments	1,18 37	1,78,79
Other Loans and Advances	19 33	29,06
Total	3,18 10	4 06,62
Surplus on Capital Account	—	26,46
	3,18,10	4,33,08

SPECIFIC ALLOTMENTS

The following specific allotments for 1954 55 may be noted (figures in lakhs of rupees)

Council of Scientific and Industrial Research 55 00 Ind Telephone Industries 85 00 Salt works 9 00 Hindustan Shipyard Ltd 33 78, Penicillin factory 39 45 Hindustan Machine Tools Ltd 2,00 00 National Instruments factory 32 00 D D I factory 13 00 Heavy electrical equipment factory 50 00, Hindustan Steel Ltd 10,00 00, Overseas Communications Service 36 97 Housing Corporation Delhi 7 50 Eastern Shipping Corporation 92 50 Government Housing Factory 0 01 Hindustan Cables 40 00 Indian Airlines Corporation 4 49 37, Air India International 1 60 00 Oil exploration schemes 25 00 Synthetic oils 10 00 Civil explosives factory 40 00 National Research Development Corporation 5 00

Posts 1,14 84, Telegraphs 2,20 08, Radios 15 98, Telephones 8,79 10

National highways and other roads 13,32 30 Forests 28 76, Agricultural improvement 1 25 56

Payment to displaced persons 4,00 00 Houses for displaced persons 3,75 00

Bhakra Nangal 23 30 Hirakud 14 50 Harike 75 Kosi, Koyna, Krishna, Chambal, Rihand 15,00

For advance loans to Indian shipping companies 4,45

New steel plant (Rourekala) 1,000

DEBT POSITION

At end of 1953 54 Rs 2,131 crores
At end of 1954 55 Rs 2,406 crores
A broad analysis is given below (figures in rupees crores)

	As on March 31, 1954	As on March 31, 1955
Rupee Loans		
Current Loans	1,366 05	1,391 29
Treasury Bills and Ways and Means Advances	405 29	655 29
Treasury Deposit Receipts	—	—
Special Floating Loan	212 60	212 60
Expired Loans	8 76	8 94
Total	1 992 70	2,268 12
Sterling Loans		
Current Loans	1 13	75
War Contribution	20 62	20 62
Capital portion of Railway Annuities	4 33	3 18
Expired Loans	0 05	0 05
Total	26 13	24 60
Dollar Loans	111 80	113 36
Grand Total	2 130 63	2,406 08

INTEREST-BEARING OBLIGATIONS AND INTEREST-YIELDING ASSETS

The obligations are as follows (figures in rupees lakhs)

	Revised 1953 54	Budget 1954 55
IN INDIA		
Public Debt		
Loans	13,66 05	13,91 29
Treasury Bills and Ways and Means Advances	4,05 29	6 55 29
Total public debt (India)	17,71 34	20,46 58
Unfunded Debt		
Service Funds	0 40	0 38
P O Savings Bank Deposits and Defence Savings Bank Deposits	2,31 12	2,44 62
P O Cash and Defence Savings Certificates	7 45	5 18
National Savings Certificates	1,83 85	2,10 35
State Provident Funds	1,26 26	1,41 84
Ten Year Treasury Savings Deposit Certificates	32 45	39 95
Other items	12 13	12 44
Total Unfunded Debt (India)	5,93 66	6,54 76

	1953 54 Revised	1954 55 Budget
Deposits		
Deposits Development and Reserve funds	171 96	157 86
Other deposits	16 89	13 78
Total deposits (India)	188 85	171 64
Total obligations in India	2 593 85	2 872 98
IN ENGLAND —		
Public Debt		
Loans	1 13	0 75
War contribution	20 62	20 62
Capital portion of railway annuities in purchase of railways	4 33	3 18
Total public debt (England)	26 08	24 55
Unfunded Debt		
Service funds (England)	2 89	2 28
Total obligations in England	28 97	27 37
DOLLAR LOANS	111 80	113 36
Total interest bearing obligations	2 694 62	3 013 71

Assets

The interest yielding assets are as follows (figures in crores of rupees)

	1953 54 Revised	1954 55 Budget
Capital advanced to Railways	875 16	909 14
Capital advanced to other commercial departments	88 24	105 24
Investments in commercial concerns	27 14	18 15
Capital advanced to States	422 00	579 89
Other interest bearing loans	60 78	87 11
Debt due from Burma	48 15	48 15
Deposits with U K for redemption of Railway annuities	4 35	3 18
Purchase of annuities for Sterling pensions	178 03	170 98
Debt due from Pakistan	300 00	300 00
Total interest yielding assets	2 003 83	2 251 84
Cash and securities held on Treasury account	70 44	70 71
Balance of total interest bearing obligations not covered by above assets	620 35	691 16

CENTRAL HELP TO STATES

The following allotments to Parts A and B States are provided for in the 1954 55 budget (figures in lakhs of rupees)

Share of taxes and duties 72 27
Grants and subventions from revenue 66 49
Grants and subventions from capital 20,89
Loans 2 14,41

Total allotment to Parts A and B States 3,74 06

Grant in aid to Kashmir against financial integration 360

Allotments to Part C States 609
Grand total of allotments to States 3,83,75

Lump sum grants to Parts A and B States are as follows (figures in lakhs of rupees)

Development under F P I Agreement 51 Rehabilitation 7 03 Grow More Food 4,50 Natural Calamities 2 00 Community Projects 7 50 National Extension Service 4 70 Basic and Social education 8 13, Welfare of Backward Classes 1,25 Key village and Gosadan 1 10, Resettlement of landless workers 5, Improvement of land records and agricultural statistics 10 Training of village level workers 58, Co operative Training and experiment 15, Social Welfare 1 50, Soil conservation 25 Higher agricultural education 68, National malaria control 2 86 National filaria control 84, Industrial housing 6 00 Central Road Fund 4 89

Total lump sum grants and subventions 56 94

Lump sum loans are as follows

Miscellaneous development 45 16, G M F 3 61 2 Finance for agriculture 5 00 Rehabilitation 12 45 Community projects and national extension service 11 85, Industrial housing 6 00 Improvement in scarcity affected areas 15 00 Handloom and small scale industries 2 30 State Finance Corporations 1 75 Other Corporations and Municipalities 4 00, Other loans 8 56

Total loans 1,63 19

Grand total of lump sum allotments 2 20 13

ALLOTMENTS BY CENTRE STATE-WISE

The following table shows some allotments by State (figures in lakhs of rupees)

	Income tax	Union Excise	Grants	Loans	Total
Madras	5 68	1 79	44		7,91
Andhra	3,26	1,03	35	—	4 64
Bombay	10 39	1,81	60	—	12 80
W Bengal	6,68	1 25	2 71	10 64	21,28
U P	9,35	3,18	71		13 24
Punjab	1,93	64	1,68	20,38	24 63
Bihar	5 79	2,02	2 05	2 03	11,89
M P	3,12	1,07	86	—	5 05
Assam	1,34	45	3 58	—	5 37
Orissa	2,08	73	1 64	14,50	18 95
Hyderabad	2 67	94	55	—	4 16
Rajasthan	2 08	77	1 86	1 79	6 50
Mysore	12	4	3 97	—	4 13
M B	1,04	40	1 18	—	2,62
Travancore Cochin	—	—	3 36	—	3 36
Saurashtra	—	—	4,32	—	4 32
PEPSU	45	17	58	1 88	3,08

Two items from the above table—Local works, Irrigation—may be specially mentioned

Grants to States on account of local works are as follows

Madras 41 Andhra 23 Bombay 40 West Bengal 28, U P 71 Punjab 16 Bihar 45, M P 25, Assam 11, Orissa 16, Hyderabad 21, Rajasthan 17, Mysore 11 Madhya Bharat 9, Travancore Cochin 10, Saurashtra 5 PEPSU 4

Grants to States on account of irrigation are as follows

West Bengal 10 64 Punjab 20 38 Bihar 2,03, Orissa 14,50, Rajasthan 1 79, PEPSU 1,88

Grants in aid to Part C States (1954 55) having separate consolidated Funds (figures in lakhs of rupees)

Delhi 12 90 Ajmer 1 36 00, Vindhya Pradesh 1,77 00, Himachal Pradesh 1,20,00, Bhopal 1,46,00

Grants in aid for welfare of Scheduled Tribes and development of Scheduled Areas

Ajmer 4,00, Bhopal 4,00, Vindhya Pradesh 7,00, Himachal Pradesh 1,00, Coorg 1,00

RAILWAY BUDGET (1954-55)

The figures are in lakhs of rupees

	Actuals 1952 53	Revised 1953 54	Budget 1954 55
Gross traffic receipts	270,56	272 00	273 25
Ordinary Working expenses	187,96	197 63	194 31
Appropriations to depreciation reserve	30 00	30 00	30 00
Payment to worked lines	21	24	22
Total working expenses	218 17	227,87	224,53
Net traffic receipts	52,39	44,13	48,72
Miscellaneous transactions —			
Receipts	31	32	31
Expenditure	552	681	839
Net miscellaneous expenditure	521	649	808
Net railway revenues	47 18	37 64	40,64
Dividend to general revenues	33 99	34 46	35,50
Net gain or surplus	13 19	3 18	5 14

TRAFFIC RECEIPTS

An analysis of the gross traffic receipts are given below (figures in crores of rupees)

	Actuals 1952 53	Revised 1953 54	Budget 1954 55
Passenger earnings (upper)	11 96	11 40	11 40
,, ,, (third)	88 42	89 86	90 11
Other coaching earnings	18 17	18 00	17 50
Goods earnings	146 12	147 13	148 60
Other sundry earnings	5 12	5 03	5 07
Suspense	+0 77	+0 58	+0 57
TOTAL	270 56	272 00	273 25

WORKING EXPENSES

An analysis of the working expenses is given below (figures in lakhs of rupees)

	Actuals 1952 53	Revised 1953 54	Budget 1954 55
Administration	26 18	27,41	28,20
Repairs and maintenance	64,21	67,26	66 73
Operating staff	41 16	42 93	44,02
Operation fuel	22,20	23,20	22,17
Operation (Other than staff and fuel)	13 48	13,76	10 02
Miscellaneous expenses	17 12	18 97	19 94
Labour welfare	3 64	4,10	4 21
Suspense	- 3	—	-98
TOTAL	187 90	197,63	194,31
Appropriation to depreciation Reserve Fund	30 00	30 00	30,00
Payment to worked lines	21	24	22

MISCELLANEOUS TRANSACTIONS

An analysis of the receipts under this head is as follows (figures in lakhs of rupees)

	Actuals 1952 53	Revised 1953 54	Budget 1954 55
Guarantee recoverable from Local Govts for un remunerative lines	—	1	1
Other receipts from subsidized Companies	4	3	3
Railway miscellaneous receipts	27	28	27
Total receipts	31	32	31

An analysis of the expenditure under the above head is as follows (figures in lakhs of rupees)

	Actuals 1952 53	Revised 1953 54	Budget 1954 55
Rebate	—	—	—
Subsidy	6	7	8
Land	—	—	—
Surveys	2	5	10
Miscellaneous railway expenditure	1 39	1 56	1 59
Open line works (revenue)	4 01	5,13	6 62
Total expenditure	5 52	6 81	8,39
Net miscellaneous expenditure	5 21	6,19	8,08

SPECIFIC ALLOCATIONS

The total allocation for the works machinery rolling stocks programme is Rs 9 00 crores This sum is broadly distributed as follows (figures in lakhs of rupees)

Rolling stock 5 35, Machinery and plant 3 78 New lines 4,98 Restoration of dismantled lines 1,43 Track renewals 13,03 Open line works 24 04 Investment in road services 1 20 State railway collieries 38, Vizagapatam Port 56 Labour Welfare 12

Allocations under new lines and major projects are as follows (figures in lakhs of rupees)

Champa Korba line (E R) 50 00, Direct link between Assam and rest of India (N E R) 1 62 Quilon Ernakulam (S R) 1,00 00 Deesa Gandhidham (W R) 50 00, Gandhidham Kandla (W R) 50 00 Mokameh - rail cum road bridge over the Ganga 1 00, Electrification of Howrah Burdwan main line (E R) 20 00, Pathankot-Madhopur (N R) 4 25

Some allocations under works in progress are as follows (figures in lakhs of rupees)

Kalyan Power House extensions (C R) 14 Kurla Trombay facilities for oil refineries (C R) 25 Kalyan Power House—additional 18 M W plant (C R) 5 Bandra Borivli electrification of main line (W R) 1, Coach building factory at Perambur 2 65, Chittaranjan Locomotive Works 5

Passenger amenities 3,00 Amenities for staff 10 00

TRAVEL CONCESSIONS

Travel concessions were announced for circular tours tours by students monthly tickets for students in non suburban areas, return journey to hill stations

Among new works to be undertaken were electrification of suburban services of Calcutta, rail connection to the Garo hills, Pathankot-Madhopur broad gauge line

Two more Railway Service Commissions were set up at Madras and Allahabad to recruit class III staff

There will be only 2 categories of posts on the railways —selection posts and non selection posts

*

STATE BUDGETS

The budget estimates for 1954 55 for the States are given below

AJMER

Revenue Rs 2 25,87,000
Expenditure Rs 2 25,87,000

Revised estimates for 1953 54 Revenue Rs 1,80,05,000, Expenditure Rs 1,77,53,000

Some specific allotments Education Rs 78 lakhs, Agriculture and Co operation Rs 9 lakhs

ANDHRA

Revenue Rs 21,09 81 lakhs
Expenditure Rs 24 01 99 lakhs
Deficit Rs 2,99 18 lakhs

Open market loans Rs 3 00 00 lakhs loans from Central Government Rs 7 20 00 lakhs, floating loans Rs 2 00 00 lakhs, capital expenditure Rs 10 18 85 lakhs

Opening balance Rs 19 59 lakhs, Closing Rs 4,56 69 lakhs

Out of capital expenditure for irrigation Rs 336 26 lakhs, electricity Rs 524 08 lakhs, buildings Rs 108 58 lakhs, compensation to zamindars Rs 20 lakhs

For Tungabhadra Rs 150 lakhs, upper Pennar Rs 30 lakhs, Rallapad Rs 20 lakhs Romperu Rs 20 lakhs Machkund (electrical) Rs 301 21 lakhs, Tungabhadra (electrical) Rs 195 71 lakhs

Andhra University Rs 20 lakhs Sri Venkateshwara University Rs 30 lakhs, uplift of Harijans Rs 53 30 lakhs

Central assistance in scarcity areas Rs 5 crores, Scheduled Tribes Finance and Marketing Corporation Rs 2 lakhs, Central grant for local works Rs 15 lakhs State outlay on local works Rs 9 4 lakhs

Five-Year Plan total outlay Rs 60 crores

ASSAM

Receipts Rs 1441 61 lakhs
Expenditure Rs 1670 12 lakhs
Deficit Rs 228 51 lakhs

Revised estimates for 1953 54 Revenue Rs 1439 81 lakhs, Expenditure Rs 1493 10 lakhs, Deficit Rs 53 29 lakhs

Some features enhancement of rate of tax for agricultural income increase of tax on trades, professions callings and employments, enhancement of the rate of sales tax on cigarettes and cigars tax on jute and manufactured tea carried by roads and inland water ways in bales and chests

Allotment for Plan schemes Rs 4 74 crores

BIHAR

On the receipt side

Opening balance Rs 8,12,10,000, Ordinary revenue Rs 29,25 28 000 Grants in aid Rs 2 85 66,000, Loans Rs 12 78,33,000 Total consolidated funds Rs 53 01,37,000

On the expenditure side

Revenue account Rs 39,73,02,000 Capital expenditure Rs 10 58 60,000, Grant of loan Rs 2 29,38,000 Repayment of debts Rs 70,78,000 Total expenditure from consolidated fund Rs 53 31 78 000

Closing balance

Ordinary unspecified balance Rs 73 64 lakhs, Ordinary specified balance Rs 42 95 lakhs, Total Rs 30 69 lakhs

BOMBAY

The following table shows the budget at a glance

	Receipts	Expenditure	Surplus or Deficit
	Rs	Rs	Rs
1954 55 (Estimates)	72 38 21,000	72 22 23,000	15,82,000
1953 54 (Revised)	70 46 83,000	72 06 41 000	1 59,58 000
1952 53 (Accounts)	62 49 86 000	68,44,27 000	5,94,41,000

The following table gives the comparative figures of the principal heads of expenditure during 1953 54 and 1954 55

Heads of expenditure	1953 54 (Revised)	1954 55 (Budget)
	Rs	Rs
General Administration	4 65,50,000	5,43,77,000
Administration of Justice	2 09 67,000	2,10,43,000
Jails and convict settlements	98,59,000	97,99,000
Police	9,06 97,000	9,10,47,000
Education	12,76,07,000	14 10,85,000
Medical	2,76,77,000	2,91,51,000
Public Health	1,66,67,000	2,10,86,000
Agriculture	4,10 18,000	1,80 38,000
Co operation	76,70,000	80 09 000
Industries	92,47,000	1,11 31 000
Civil Works	4,35,77,000	4,62,14,000

On the basis of the revised estimates of the current year and the budget estimates of the next year, the position of the various funds at the end of 1954 55 is expected to be as follows —

Famine Relief Fund	Rs	8,68,000
State Road Fund	,,	1,02,39,000
Sugarcane Cess Fund	,,	1,58,53,000
Contingency Fund	,,	3,00,00,000
Bombay State Development Fund	,,	5,78,81,000
Bombay State Insurance Fund	,,	28,79,000
Bombay State Milk Fund	,,	26,11,000

The following heads of revenue may be noted (figures are in Rs thousands)

Union excise duties 1,80,65, Taxes on income other than corporation 10,22,00, Estate duty 25,00, Land revenue 7,40,43, State excise 67,48, Stamps (judicial) 2,72,92, Stamps (non judicial) 1,39,24, Forest 2,82,82, Registration 30,10, Motor Vehicles Acts receipts 2 37,32 Other taxes and duties 24,61,70, Irrigation navigation (net) 1,03,29, Interest (debt service) 1,75,75

Some allotments civil works Rs 278 lakhs, education Rs 175 lakhs

Justice 83,13, Jails 18 51, Police 52,87, Ports and pilotage 5 Dangs Dt 51,30, Education 79,32 Medical 61,15, Public Health 49,86 Agriculture 62,21, Veterinary 1,19 Co operation 11 69 Industries 49,12 Miscellaneous 94 83 Civil works 2 51,81, Bombay development schemes 26 51 Electricity 22,90 Stationery and printing 18,70 Grant in aid from Central Govt 15 97

Extra ordinary receipts 1,80 01, Transfer from revenue reserve 2 50 00

Total receipts under Debt Heads 3,98 31 95 opening balance 3 05 37 Total 4 01,37,32

DELHI

Revenue Rs 445 41 lakhs
Expenditure Rs 505 83 lakhs
Deficit Rs 60 42 lakhs

Revised estimates for 1953 54

Revenue Rs 421 54 lakhs, expenditure Rs 424 52 lakhs

Delhi s budget does not include expenditure on police, law and order buildings for which provision is made in the Central budget

Allotments in Rs lakhs education 160 87 medical and health 60 displaced persons 58 89, general administration 27 52 irrigation 5 5, justice 12 73 jails 7 60 agriculture 21 35, veterinary hospitals 2 16 co operation 2 46, industries and labour 4 99 community projects 6 28

Grant from the Central Government for specific purposes Rs 83 89 lakhs

HIMACHAL PRADESH

Receipts Rs 320 27 lakhs
Expenditure Rs 320 16 lakhs
Surplus Rs 11,000

Grant from Central Govt to make up revenue gap Rs 120 lakhs

HYDERABAD

Revenue Rs 27 86 crores
Expenditure Rs 29 02 crores
Deficit Rs 1 16 crores

Revised estimates for 1953 54 Revenue Rs 25 92 crores expenditure Rs 27 44 crores

Specific allocations in the 1954 55 budget Capital outlay Rs 8 85 crores (irrigation 5 40 crores Godavari valley multi purpose scheme 1 55 crores electricity 50 lakhs industrial housing 60 lakhs roads and buildings 53 lakhs, water works, drainage 18 lakhs)

New taxation measures a rise in motor vehicles tax (2 5 lakhs) a rise in sugarcane cess (7 5 lakhs)

KASHMIR

Revenue Rs 5,50 12 000
Expenditure Rs 5 01 57 000
Surplus Rs 48 55 000

Compensation from Centre in regard to loss of excise duties Rs 250 lakhs

Revised revenue estimates for 1953 54 Rs 4 98,21 000

Expenditure Rs 5,31,73 000

MADHYA BHARAT

Revenue Rs 15 10 crores
Expenditure Rs 14 96 crores
Surplus Rs 14 lakhs

Development schemes Rs 480 lakhs (Chambal hydel project 185 lakhs)

MADHYA PRADESH

Revenue Rs 28 83 crores
Expenditure Rs 30 68 crores
Deficit Rs 1 85 crores

Capital expenditure Rs 15 lakhs, development Rs 1 83 crores, loans and advances Rs 5 19 crores

Some specific allotments Five Year Plan Rs 17 81 crores Free education for children of low paid Govt servants Rs 10 lakhs Education Rs 4 78 crores (Universities 26 lakhs secondary 43 lakhs primary 1 06 crores technical 11 lakhs) Relief works 10 lakhs Roads 3 50 crores Local development works 33 lakhs Grow More Food 17 3 lakhs Loans to cultivators 2 42 crores Tribal welfare 27 4 lakhs uplift of backward classes and removal of untouchability 13 61 lakhs, Handloom industry 33 lakhs Cottage industries 4 lakhs Loans to unemployed for starting small scale industries 3 lakhs Development Fund 20 lakhs Police 2 46 crores General Administration 2 51 crores

MADRAS

Revenue Rs 44 99 83 lakhs

Expenditure Rs 45,17 88 lakhs

Deficit Rs 18 05 lakhs

Revised estimates for 1953 54 (second six months) Revenue Rs 23 17 17 lakhs expenditure Rs 24 40 07 lakhs surplus Rs 77 10 lakhs

Allotment in Rs lakhs backward class welfare 90

Two tax reliefs are exemption from sales tax of meat fish vegetables, fruit and eggs, abolition of tax on sale of handloom products

New tax measures are surcharge on land revenue income tax on plantation products betterment levy on landholders revision of Court Fees Act inclusion of gold silver precious stones in the list of luxury articles for sales tax purposes extra levy of sales tax on certain types of mill made cloth

MANIPUR

Revenue Rs 28 84 lakhs

Expenditure Rs 82 71 lakhs

Deficit Rs 53 87 lakhs

Allocations Education Rs 15 lakhs Welfare of Scheduled Tribes Rs 10 lakhs

MYSORE

Revenue Rs 21 21 crores

Expenditure Rs 24 31 crores

Deficit Rs 3 1 crores

Fresh taxation proposals included levy of surcharge on land revenue enhancement of assessment on coffee and other plantation lands, increase in the water rate under the Irrigation Act increase in surcharge on electricity enhancement of rate on power supplied to irrigation pumps, a rise in stamp and registration fees levy of sales tax on hotels with a turn over of Rs 7 500 a year levy of a single point sales tax on mill and power loom cloth other than coarse cloth

ORISSA

Revenue Rs 14 12 crores

Expenditure Rs 14 85 crores

Deficit Rs 73 lakhs

Provision for new schemes including facilities for the new steel plant at Kourkela Rs 3 67 crores

Prohibition was extended to the urban areas of Cuttack Puri and Balasore Districts

There was a flat increase of Rs 2 per month in the salaries of primary teachers

PEPSU

Revenue Rs 733 1 lakhs

Expenditure Rs 739 92 lakhs

Overall deficit Rs 6 79 lakhs

Revised estimates for 1953 54 Revenue Rs 696 lakhs Expenditure Rs 726 09 lakhs

Some features fresh tax on urban immovable property within the limits of first class municipalities (Rs 8 lakhs) taxes on forward contracts of silver gold sugar gur (Rs 50 000) tax on goods and passengers carried by motor transport (Rs 7 lakhs)

PUNJAB

Revenue Rs 22 19 crores

Expenditure Rs 23 14 crores

Deficit Rs 95 lakhs

Revised estimates for 1953 54

Revenue Rs 19 71 crores Expenditure Rs 19 55 crores

Capital expenditure for 1954 55 Rs 31 73 crores Bhakra Nangal Rs 22 78 crores

RAJASTHAN

Revenue Rs 21 55 11 000

Expenditure Rs 21 55 11 000

Revised estimates for 1953 54

Revenue Rs 18 83 31,000 Expenditure Rs 18 89,74,000

Some allotments for 1954 55 education Rs 3 35 20 000 Medical Rs 1,28 35 000 capital expenditure Rs 11 17 22 000 Out of this for irrigation navigation embankment drainage Rs 4,41 20 000 for multi purpose river schemes Rs 3 98 72,000 for electricity Rs 1,29,66,000

Five Year Plan Rs 24,72,01 000

SAURASHTRA

Revenue Rs 11,33,36 000

Expenditure Rs 11 80 96 000

Deficit Rs 47,60 000

Some specific allotments (Rs lakhs) Agriculture and rural development 160 major and minor irrigation works 257 roads development 106 education and social services 165 public health 95 industries and port development 61 electricity schemes 85

Central grant for development works in scarcity areas 325

TRAVANCORE-COCHIN

Revenue Rs 1728 47 lakhs

Expenditure Rs 1860 01 lakhs

Deficit Rs 131 54 lakhs

Loan from Central Govt for Plan schemes Rs 275 lakhs

Revised estimates for 1953 54 Revenue Rs 1703 82 lakhs

Expenditure Rs 1614 72 lakhs

UTTAR PRADESH

Revenue Rs 77 16 crores

Expenditure Rs 81 07 crores

Deficit Rs 3 91 crores

Capital expenditure Rs 20 22 crores

Some specific allotments Rihand Dam Rs 4 crores Consolidation of holdings Rs 50 lakhs

VINDHYA PRADESH

Revenue Rs 4,77 02 000

Expenditure Rs 4 76 87 700

Surplus Rs 14,300

WEST BENGAL

Revenue Rs 39,93,22 000

Expenditure Rs 53 30 76 000

Deficit Rs 13 37 54 000

Capital expenditure Rs 20 84,11,000

Some allotments Education Rs 659 lakhs, police Rs 596 lakhs

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INVESTORS' GUIDE

Name of the Company	Paid up Capital (in lakhs)	Paid up per share	Dividends* 1951	1952	1953	Account closes in	Chairman of Board or Managing Director	Managing Agents and Address
Cotton Mills								
Bombay Dyeing	250 98	250	8	8	8 plus 1	Dec	Neville N Wadia	Nowrosjee Wadia and Sons Neville House Graham Road Ballard Estate Bombay
Buckingham and Carnatic	199 78 (178 47 ordinary 21 3 pref)	o) 100	7½	4	10	Dec	R D Castell	Binny and Co (Madras), 7, Armenian Street Madras
Central India†††	96 87 (46 87 ordinary 50 pref)	o) 100	6	2	5	June	A D Shroff	Tata Industries Ltd, Bombay House Bruce Street, Bombay
Century Spinning	109 42	100	20	20	22	Dec	R D Birla	Birla Bros Ltd, Queens Mansions Prescott Road Bombay
India United	250 00 (200 ordinary 50 deferred)	o) 10 d) 1	10 9 25	nil nil		Dec	R D Bagla	Agarwal & Co, Indu House, Dougall Road Bombay 1
Kohinoor	100 00	100	25	18	20	Dec	E D Sheppard	Killick Industries, Home Street, Fort, Bombay
Sholapoor Spinning	32 00 (16 ordinary 16 pref)	o) 1 000	nil	nil	nil	March	V N Chandavarkar	(Official Board) Standard Building Hornby Road, Fort Bombay
Swadeshi†††	90 00 (75 ordinary 15 pref)	o) 100	18	16	16	Dec	A D Shroff	Tata Industries Ltd Bombay House, Bruce Street, Bombay
Banks								
Bank of Baroda	100 00	50	12	12	12	Dec	Lulsidas Kilachand	H O Baroda
Bank of India	250 00	50	14	14	14	Dec	Sir Cowasjee Jehangir	Mahatma Gandhi Road, Bombay
Central Bank	314 54	25 A 25	14 14	14 14	12 12	Dec	Homi Mody	Mahatma Gandhi Road, Bombay
Imperial Bank	562 50	F P 500 P P 125	16 16	16 16	16 16	June/ Dec	S K Handoo (Mg Director)	Local Head Offices, Calcutta, Bombay and Madras
Insurance								
New India	106 78	15	13⅓	13⅓	13½	Dec	A D Shroff	New India Building, Mahatma Gandhi Road Bombay
Oriental	6 00	200	Rs 125	Rs 175		Dec	Purshotamdas Thakurdas	Oriental Buildings Mahatma Gandhi Road Bombay
Engineering & Electric								
Indian Iron	788 32 (518 37 ordinary 269 95 pref)	o) 10 p) 100	10	10	10	March	T Leslie Martin	Martin Burn Ltd, 12, Mission Row, Calcutta
Premier Construction	105 06 (22 5 ordinary rest others)	o) 30	13⅓	15	20	Dec	Gulabchand Hirachand	Walchand & Co Construction House, Ballard Estate Bombay
Tata Iron and Steel†	1047 24 (262 5 ord 14 62 def rest pref)	o) 75 d) 30	Rs 18 Rs a p 93 10 5	Rs 21 Rs a p 115 3 0	Rs 21 Rs a p 115 3 0	March	J R D Tata	Tata Industries Ltd Bombay House, Bruce Street, Bombay
Tata Power	452 33 (365 36 ordinary 86 97 pref)	o) 1 000 p) 1 000	7½	7½	7½	June	J R D Tata	— do —
Jute								
Anglo India	89 2 (49 2 ordinary 40 0 pref)	o) 100 p) 100	20	20	12½	March & Sep	J R Vernede	Duncan Bros & Co 31, Netaji Subhas Road Calcutta
Birla Jute	114 9 (91 26 ordinary 23 64 pref)	o) 10 p) 100	30	30	30	March	J N Birla	Birla Bros Ltd 8 Royal Exchange Place Calcutta
Fort Gloster	42 0 (21 0 ordinary rest pref)	o) 100	25	10	interim passed over	March & Sep	G J Gardner	Kettlewell Bullen & Co, 21, Strand Road, Calcutta
Ganges Manufacturing	90 32 (84 32 ordinary 6 0 pref)	o) 100 p) 100	6¼	2½	nil	March & Sep	J Latimer	Macneill & Barry, 2, Fairlie Place, Calcutta
Gourepore	50 5 (24 0 ordinary 26 5 pref)	o) 100 p) 100	20	1¼	3¾	—do—	—do—	—do—

Name of the Company	Paid up Capital (in lakhs)	Paid up per share	Dividends* 1951	1952	1953	Account closes in	Chairman of Board or Managing Director	Managing Agents and Address
Barnagore	£ 475 000 (275 000 ordinary 200 000 pref)	o) £5 p) £5	20	20	20	March	Sir John H Burder	Jardine Henderson Ltd, 4, Clive Row, Calcutta
Coal & Tea								
Bengal Coal	120 00 (100 ordinary 20 pref)	o) 200 p) 100	17½	20	8¾ h y	April & Oct	G A S Sim	Andrew Yule & Co, 8, Clive Row, Calcutta
Burrakur	118 42 (90 92 ordinary rest pref)	o) 10	7½	6¼	1¼ h y	June & Dec	W H S Michelmore	Bird & Co Ltd Chartered Bank Building Calcutta
Bishnauth Tea	16 5	10	5	nil		Dec	C C Sandys Dumsdaine	Williamson Magor & Co, 4, Mangoe Lane Calcutta
Hasimara Tea	55 0 (32 ordinary 3 pref)	o) 10 p) 100	15	nil		Dec	R C Waller	Davenport & Co, Ltd, 6, Church Lane, Calcutta
Miscellaneous								
Associated Cement	1056 20	a)100	9½	9¼	9½	July	D M Khatau	Cement Agencies, Ltd Queens Road, Bombay
Belapur Sugar	46 99	50	28	32	32	Sept	Sir Joseph Kay	Brady & Co Royal Insurance Building Churchgate Street, Bombay
Bombay Burmah	94 5	125 old 50 new	30 30	18 18	12 12	May	J B Parry	Wallace & Co, 9, Wallace Street, Fort Bombay
British India Corporation	406 0 (325 ordinary 81 pref)	o) — p) 100	15	12½	10	Dec	Sir Robert Menzies	Sutherland House, Kanpur
Hindustan Motor	496 11	10	nil	nil	nil	March	G D Birla	Birla Bros Ltd, 8, Royal Exchange Place, Calcutta
Indian Copper	£914,200	2 sh	12½	12½		Dec	Sir Anthony Elkins	Gillanders Arbuthnot & Co, Clive Buildings Netaji Subhas Road Calcutta
India Steamship	250 00 (225 ordinary 25 pref)	o) 10 p) 100	nil	5	5	March	A Ramaswami Mudaliar	Lionel Edwards Ltd, D 1, Clive Building Calcutta
Martin Burn	160 55 (130 55 ordinary 30 pref)	o) 10 p) 100	11½	13¾		Sept	I Leslie Martin	12, Mission Row, Calcutta
Metal Box	145 0 (115 ordinary 30 pref)	o) 10 p) 100	10	10	10	March	Chiswell Jones	41, Chowringhee Road, Calcutta
Orient Paper	121 95 (41 95 ordinary rest pref)	o) 10	20	20	10 h y	March & Sep	G Prasad	Birla Bros Ltd 8 Royal Exchange Place Calcutta
Tata Chemical	152 11 (92 14 ordinary 59 97 pref)	o) 10 p) 100	nil	nil	nil	June	J R D Tata	Tata Industries Ltd, Bombay House Bruce Street Bombay
Tata Oil	99 92 (70 04 ordinary 29 88 pref)	o) 25 p) 100	6	8	7	March	do	do
Titaghur Paper	142 92 (112 04 ordinary rest others)	o) 10	18¾	20	20	March/ Sept	F S Mitchell	I W Heilgers & Co, Ltd, Chartered Bank Building, Calcutta
Scindia Steam††	704 60	15	nil	3¾	5	June	D M Khatau	Narottam Morarjee & Co Scindia House, Dongall Rd, Bombay 1
Western India Match	275 00	100	11	11	11	Dec	Chunilal V Mehta	Indian Mercantile Chambers, Nicol Road, Ballard Estate, Bombay
Rallis India	300 00 (225 ordinary 75 pref)	o) 100 p) 100	9	nil	nil	Aug	T A Lyklardopulo	16, Hare Street, Calcutta 1
Rohtas	219 04 (114 ordinary rest pref)	o) 10	7½	10	12½	Oct	Shanti Prasad Jain	Sahu Jain Ltd Dalmianagar
Tata Locomotive	500 00 (300 ordinary 200 pref)	o) 100 p) 100	nil	nil	nil	March	J R D Tata	Tata Industries Ltd, Bombay House, Bruce Street Bombay

* Dividends in per cent unless stated in rupees

+ Tata Iron and Steel's capital structure has since been reorganised by converting deferred into ordinary stock in the ratio of 1 6 and by issuing bonus shares in the ratio of 1 1

†† Scindia's capital structure has been reorganised by capitalising a part of its funds to issue bonus shares of Rs 5 for each share and by consolidating the old and new stock into shares of Rs 20 each paid up

††† Swadeshi's and Central India's capital structure is subject to changes under examination

MISCELLANEOUS—LATE PARTICULARS

Below we give some late particulars which could not be included in the previous articles

BANKS

Below are given some late items

Reserve Bank of India, Issue Dept, Dec 1953 (*figures in Rs lakhs*) Notes in circulation 1,121,09, Total notes issued 1,133,35, Gold coin and bullion 40 02 Foreign securities 575 65, Rupee coin 96,30 Rupee securities 421,38 Percentages of gold and foreign securities to total notes issued 54 42

Reserve Bank, Banking Department Dec 1953 (*figures in Rs lakhs*) Govt deposits 119 58 Banks deposits 52,81 Other deposits 57 44 Total deposits 229,82 Balances held abroad 141 91, Loans and advances to Govt 1 81 Bills purchased and discounted 8 83, Investments 76 07

Scheduled Banks in India Dec 1953 (*figures in Rs lakhs*) Demand liabilities in India 523,72 Time liabilities in India 332,41, Cash in India, 31,83, Balance with Reserve Bank 51 10, Advances in India 412 87 Inland bills discounted in India 42 06

Sterling position upto Jan 1954 (*figures in Rs crores*) Sterling payments by U K 1 778, Sterling involved in repatriation 109, Payments to Pakistan on termination of common currency 201, Purchase of annuities for sterling pensions 224, Payments to U K for defence stores and fixed assets in India 133, Other sterling commitments 1 338 Sterling holding of Reserve Bank at end of Jan 1954 734 crores

BHOODAN

The position on Dec 5 1953 was as follows The total collection of land for each State is in acres

Andhra 10,299 Assam 1 349 U P 500 642, Orissa 47 499 Karnatak 1 634, Kerala 10 000, Gujarat 20 845 Tamilnad 14,252, Delhi 7,659, Punjab 3 183 Bengal 395, Bihar 1 297,868, M P 58,628, M B 55,730 Maharashtra 9,564, Mysore 2 196 Rajasthan 229 770, V P 3 963, Saurashtra 8,000, H P 1 350, Hyderabad 71 600

Total 2,356 521

Land distributed was as follows - U P 27,402, Tamilnad 255 M P 928 Rajasthan 700 V P 120, Hyderabad 10 329, Total 39,739

The number of families benefited U P 4,607 Rajasthan 80, Hyderabad 2,195, Total 6,882

BURMAH-SHELL REFINERIES LTD

Burmah Shell Refineries Ltd was incorporated in India on 3rd November, 1952, for the purpose of constructing and operating a petroleum oil refinery on a 450 acre plot of land in South West Trombay

Site clearance and construction work was first started in April 1953 and it is estimated that the major part of the work will be completed by December 1954

The Refinery is due to commence operations early in 1955

The crude oil intake of the Refinery will be 2,000,000 tons per annum, and crude oil is expected to come from the Persian Gulf area

The Refinery will manufacture per year 156 million gallons of Motor Spirit, 72 million gallons of Kerosine 37 million gallons of High Speed Diesel Oil, 33 million gallons of Light Diesel Oil, 144 million gallons of Furnace Oil and 150,000 tons of Bitumen

The total cost of the Refinery will be Rs 25 crores, and the total staff to be employed in the Refinery including all categories will be about 1,500

Apart from the main Refinery work now under way at Trombay, residential quarters for key operating personnel are being built a short distance from the Refinery, and in addition, Burmah Shell Refineries Ltd, will pay Rs 40 lakhs to the Bombay Government to build new housing quarters for 500 labour families

Burmah Shell Refineries Ltd, are also providing a 10 acre recreation ground for their Staff and Labour

CENSUS (LANGUAGES)

We give below some facts and figures which were released too late by the Census Commissioner to be included in our chapter on population

Total number of speakers of languages specified in the constitution 323,972 607 Number speaking Hindi Urdu Hindustani Punjabi 149 944 311 Telugu 32 999 916 Marathi 27 049,522 Tamil 26 946 764, Bengali 25 121 674 Gujarati 16 310,771 Kannada 14,471 764 Malayalam 13 380 109, Oriya 13 153,909, Assamese 4 988 226 Kashmiri 5,088, Sanskrit 555

Number of Hindi speakers in North India 50 454,217 in East India 34 036 450 South India 149,287 West India 492,906, Central India 20,906,477

Number of Urdu speakers in North India 4,300,425, in East India 3 360 352 South India 869 858 in West India 1 977,607, in Central India 2,004,632

Number of Hindustani speakers in North India 6,742,937 in South India 1 345,662 in West India 8 006 in Central India 59,939

Number of Punjabi speakers in North India 323 456 in East India 90 443, in South India 8 639, in West India 68,978 in Central India 78,384

U P Hindi Urdu Hindustani 99 per cent, Punjabi 324 000

Bihar : Hindi and Bihari 34 8 millions, Bengali 17 6 lakhs Oriya 3 1 lakhs Santhal Parganas Dt (Hindi 48 per cent Santhali 42 per cent), Dhanbad Dt (Hindi 65 per cent Bengali 25 per cent), Singhbhum Dt (H O 28 per cent Oriya 20 Bengali 18 Hindi 14, Santhali 10) Manbhum Dt (Bengali 52 per cent Hindi 32 Santhali 14)

Orissa Oriya 12,06 272 Tribal 1 837 732

W Bengal Bengali 20 994 374 Hindi 1 574,786

Assam Assamese 4,972,493 Bengali 1,447,075

Tripura : Bengali 273 441 Tripuri 129,379

Madras (undivided) : Hindi 109,269

Travancore-Cochin Malayalam 86 per cent, Tamil 12

Trivandrum Dt (Malayalam 61 per cent, Tamil 39)

Bombay See under Bombay State

M P Number of speakers per 1 000 of the population Hindi 590, Marathi 293 Gondi 59 Oriya 18 Nagpur Dt (Marathi 75 per cent Hindi 12) Betul Dt (Hindi 43 per cent Gondi 27 Marathi 19) Nimar Dt (Hindi 34 per cent Nimadi 21, Marathi 15, Korku 11) Bastar Dt, (Halbi 29 per cent, Gondi 27, Maria 12, Chhathisgarhi 10)

M B Hindi 5,842, 114

Hyderabad : Telugu 8,921 524 (47 8 per cent), Marathi 4 541,982 (24 3 per cent), Urdu 2,159,214 (11 6 per cent), Kannada 1 961 901 (10 5 per cent), Hindi 133 733 (0 7 per cent), Nanded Dt (Marathi 65 per cent, Urdu 11) Bidar Dt (Marathi 39 per cent Kannada 28, Urdu 16, Telugu 15), Hyderabad (Telugu 54 per cent Urdu 35), Gulburga Dt (Kannada 55 per cent Telugu 21, Urdu 16) Adilabad Dt (Telugu 56 per cent, Marathi 21, Gondi 10) Raichur Dt (Kannada 63 per cent, Urdu 10, Telugu 24)

CHANGES IN PERSONNEL

Bombay Medical Union President, Dr George Coelho, *Jt Hony Secretaries*, Dr H J Patel Dr Dara R Hakim

Federation of Master Printers S C Majumdar (President) P S Mehra (Vice President) S N Guha Ray S C Ghosh (*Gen Secretaries*)

Indian Merchants Chamber Chimanlal B Parikh (President) Panalal M Chinai (Vice President), A C Ramalingam (Secretary)

Bombay Corporation Dahyabhai V Patel (Mayor) Mrs Sulochana Modi (Chairman, Standing Committee) H B Gaonkar (Chairman Education Committee) P U Upadhyaya (Chairman Improvements Committee), A K Hafizka (Chairman, B E S T Committee), K B Carnic (Chief Engineer) J D Daroga (Hydraulic Engineer)

Progressive Christian Association (27 Picket Cross Road Bombay 20) M V Barla (Secretary)

Bombay Woollen Piece goods Merchants Assoc Pr Kanji Kodidas

Africa and Overseas Merchants Chamber Pr Vardivandas Tribhovandas

Bombay Shroffs Assoc Pr Sheth Jayantilal M Shah

Silk Merchants Assoc Pr Manilal S Kapadia

All India Exporters Assoc Pr Chinoobhai C Jhaveri

DAMODAR VALLEY CORPORATION

1954 55 estimates Expenditure Rs 18 crores, Income Rs 1 31 crores (Power Rs 1 22 crores, Irrigation Rs 9 5 lakhs)

1953 54 Revised Expenditure Rs 16 67 crores Income Rs 54 lakhs

Konar dam will be completed by Sept 1954 Maithon dam by March 1955 Maithon power house by March 1956 Panchet Hill dam and Durgapur barrage by end of 1956, Panchet Hill power house by end of 1957

Hiladi project was completed in 1953

FIVE-YEAR PLAN (EXPANDED)

The allotments under the expanded Plan to meet unemployment are as follows (Total Rs 17 crores)

From the Central contribution of Rs 70 crores Rehabilitation of displaced persons Rs 45 crores Road development Rs 10 crores Construction of office and residential buildings Rs 2 5 crores Health schemes Rs 2 crores, Agricultural schemes Rs 2 10 crores Miscellaneous Rs 5 34 crores

Work in chronic scarcity areas Rs 40 crores Power development Rs 9 1 crores Roads and road transport Rs 8 1 crores Irrigation Rs 3 5 crores Housing Rs 1 5 crores, Social services Rs 1 8 crores, Industry and technical training Rs 1 1 crores

Urban unemployment Between Rs 15 and Rs 40 crores A scheme was introduced in August 1953 to employ 80 000 additional primary teachers in rural areas and 10 000 social education centres in urban areas

Progress of Plan

Total planned expenditure for 1951 54 Rs 1 000 crores, Total expenditure 1951 54 Rs 944 crores

Expenditure 1951 52 Rs 261 crores
Expenditure 1952 53 Rs 271 18 crores
Budgeted 1953 54 Rs 113 crores
Budgeted 1954 55 Rs 546 55 crores

Shortfall in 1952 53 Rs 54 crores (Central Govt Rs 41 crores State Govts Rs 11 crores)

Breakdown of Central shortfall Ministry wise Irrigation Rs 9 crores Production, Education Transport Rs 2 crores each Railways Rs 17 crores, Community Projects, Rehabilitation Rs 4 crores each

Total deficit financing needed Rs 600 crores, Deficit financing for 1954 55 Rs 250 crores

Achievement, 1951-53

Increase in foodgrains 4 4 mln tons Rans infected land reclaimed 500 000 acres Extra land under irrigation 1 5 mln acres, Additional power 425 000 kW, Increase in cotton yarn 271 mln lbs, Cloth 1956 target achieved, increase in cement 0 81 mln tons,

Increase in ammonium sulphate 20 5 696 tons Locomotives built 100 Coaches 1 751 Wagons 12 770 Roads 240 miles national highway 7 200 miles of State road 17 new bridges Shipping increase in coastal tonnage 77 000 G R T coastal trade now 100 per cent in Indian hands new ships built at Vishakapatnam 6 Refugee rehabilitation 5 mln persons from West Pakistan settled houses made available 360 000 loans Rs 11 crores From East Pakistan 249,000 families settled on land loans for agriculture Rs 800 lakhs housing loans Rs 900 lakhs 12 new townships built Malaria protection 50 per cent more persons Persons tested under B C G 24 mln Persons vaccinated 7 5 mln , number of single teacher schools 80 000 employment potential Welfare Board Assistance provided Rs 16 lakhs, number of institutions 480, Local works Number 12 000 cost Rs 300 lakhs

INDICES

Below are given some late indices

Index number of wholesale prices (*Dec* 1953) Food articles 367 0 Industrial raw materials 459 3 , Semi manufactures 356 5 Manufactured articles 363 8 Miscellaneous 711 5 All commodities 389 4 February 13, 1954 396 6

Working class Cost of Living Index (*Dec* 1953) Bombay 359 , Madras 350 , Kanpur 438 Delhi 140 Nagpur 380 Calcutta 329

Industrial profits Index for 1951 (*Base* 1939 = 100) Jute 679 1 Cotton 551 1 Iron and Steel 157 7 Tea 103 9 , Sugar 420 8 Paper 604 1 , Coal 178 4 , Cement 419 7 All Industries 310 5

Industrial Production (*Base* 1946 = 100) 1951 117 2 1952 128 9 1953 135 1

INDO-CEYLON AGREEMENT

Points from the agreement signed by the Prime Ministers of India and Ceylon on January 18 1954

1 Suppression of illicit immigration traffic 2 A register of all adult residents not on the electoral roll to be prepared Those not on the register and whose mother tongue is an Indian language will be presumed to be illicit immigrants 3 Before prosecution of an accused starts the Indian High Commissioner would have opportunity to satisfy himself that *prima facie* case exists 4 Registration of citizens under the Indian and Pakistani Citizenship Act will be expedited and effort made to finish it in two years 5 Registered persons will be placed on a separate electoral roll—an arrangement that will continue for ten years Where the number in a constituency is less than 250 there will be no separate roll 6 Such citizens will elect a certain number of members to the House of Representatives, number being determined after consultation with the Prime Minister of India, 7 Persons not so registered may register themselves as Indian citizens 8 The practice of consultation on questions of mutual interest would continue

INDO-RUMANIAN TRADE PACT

Signed March 23 1954 valid upto Dec 31 1954 Exchange of Indian jute coffee, tea spices, wool hides and skins, myrobalans, linoleum textiles shellac iron ore for Rumanian food grains petroleum timber, paper, chemicals, dyestuffs, machinery

INSURANCE, 1952-53

Number of companies on November 30 1953 322 (Indian 221) Total life insurance effected by Indian Companies till end of 1952 3 678 000 policies Rs 789 88 crores sum assured, Rs 37 95 crores premium Non Indian Companies 247 000 policies Rs 126 02 crores sum assured Rs 6 98 premium

Life business in 1952 Policies (512 000 Indian 22,000 non Indian) Sum assured (Rs 129 28 crores Indian , Rs 16 40 crores non Indian) Premium income (Rs 6 96 crores Indian Rs 0 93 crores non Indian)

Total revenue income in 1952 for Indian companies for life business Rs 50 10 crores, for non Indian companies Rs 8 77 crores The total out go for Indian companies for life business Rs 28 45 crores, for non Indian companies Rs 6 76 crores

Total expenses of management as percentage of premium income in 1952 for life business 27 1 for Indian companies, 22 4 for non Indian

Net total premium income for non life Rs 14 47 crores (Indian companies) Rs 6 76 crores (non Indian) Fire business Rs 7 65 crores (Indian) Rs 2 80 crores (non Indian) Marine Rs 2 72 crores (Indian) Rs 2 00 crores (non Indian) Miscellaneous Rs 4 10 crores (Indian) Rs 1 96 crores (non Indian)

Licences issued in 1952 68 922 (Women 21 750) Certificates for principal agents 995 for chief agents 561 for special agents 8 199

Number of provident societies on November 30, 1953 77 New business in 1952 12 883 policies, sum involved Rs 111 80 lakhs Total business in force at end of year 59,601 policies involving Rs 350 20 lakhs

LABOUR

Employees' Provident Fund Scheme Scheme in operation in 20 States, covers 1 643 factories and 1 36 million workers, contribution from unexempted factories upto August 31, 1953 Rs 4 47 crores number of defaulting employers against whom prosecutions were launched 17 State Boards were to be set up by end of April 1954

Employees' State Insurance Corporation Covers employees with remuneration of less than Rs 400 a month in factories using power and employing more than 20

At present (March 1954) in force in Delhi (10 000 workers) Kanpur (84 000 workers) seven cities of the Punjab (30 000 workers) - Amritsar, Ambala, Jullundur Batala, Jagdhri Abdullapur, Bhiwani Ludhiana

There are five regional offices Delhi (B Pusa Road), Kanpur (7 202, Swarup Nagar) Bombay (Colaba Causeway), Madras (162 Royapettah High Road), Calcutta (64 Ganesh Chandra Avenue)

Amounts (Rs) distributed are as follows Sickness (Delhi 3,01 882 Kanpur 8 24 10 Punjab nil) Maternity (Delhi 1 014 Kanpur 1 062 Punjab nil) Temporary disablement (Delhi 63,894 Kanpur 1,00 935, Punjab 2,561) Permanent disablement (Delhi 2 865 Kanpur 5 972 Punjab nil) Dependents (Delhi 1,954 , Kanpur 2,001 Punjab nil)

Sickness and maternity benefit figures in Delhi and Kanpur relate to November 23 1952 to September 30, 1953 and for other benefits February 24 1952 to September 30, 1953 Sickness and maternity in the Punjab were to be effective from February 13, 1954 others were effective from May 17 1953

Unemployment Number registered in January 1952 322 000, in July 1953 493 000 (unskilled labour 230,000 , matriculates 9 440 inter 1 180 graduates 1,180 fitters and mechanics 11,000 , transport (road air and railroad) 10 000 wood workers 6,000 machine shop and electrical workers 6 000 , building and road workers 2,000)

In textile industry employment in July 1953 819 000 , in May 1952 807,000 , in May 1951 791 000

In jute number of employed less by 20,000 in 1952 than in previous year

In the membership firms of the Associated Chambers of Commerce number in technical posts in January 1952 11 825, in January 1953 12,973, in July 1953 13 105 In the same period the managerial posts increased from 13 322 to 14 510 and then to 14,766

Vacancies notified by Government agencies were steady, those notified by the private sector fell On an average total placings per month were 34,000 in 1952 and about 17,000 in 1953

Unemployment did not affect seriously highly skilled personnel but persons seeking clerical or white collared posts

MISCELLANEOUS ITEMS

Below are given some late miscellaneous items

Bombay Port Trust, Estimates for 1954 55 Revenue Rs 6 14 crores , Expenditure Rs 6 39 crores 1953 54 revised Revenue Rs 6 28 crores Expenditure Rs 7 09 crores Capital programme for 1953 54 Rs 5 88 crores for 1954 55 Rs 7 24 crores, cost of marine oil terminal project 1953 55 Rs 6 80 crores, modernization of Princes and Victoria Docks for 1954 55 Rs 1 5 crores , Government loan Rs 4 crores Reserve fund 1955 March Rs 50 lakhs

Bombay State Transport Estimates for 1954 55 Gross receipts Over Rs 10 crores, Number of buses January 1954 2,500 , Value of assets of corporation on March 31, 1953 Rs 900 lakhs Capital contribution from Union and Bombay Governments upto end of 1952 53 Rs 865 lakhs , Cost per bus mile 10 30 pies establishment cost per bus mile 59 76 pies , Cost on spare parts 16 87 pies , Staff ration 6 84

Central Social Welfare Board Total amount allotted upto March 1954 Rs 20 22 lakhs Number of institutions 621 (children s welfare 119 Rs 3 88 lakhs women s welfare 195, Rs 6 69 lakhs physically and mentally handicapped 91, Rs 3 02 lakhs , general welfare 216, Rs 6 63 lakhs)

Coffee Plantations Foreigners own 39 plantations covering 9,659 acres valued at Rs 123 39 lakhs

Concealed Income Total amount discovered upto end of December 1953 Rs 125 crores (through Income tax Investigation Commission Rs 45 crores , through voluntary disclosure Rs 80 crores) Number cases referred 1,068, Number of disposed of 1,031

Cotton Textiles (*Export estimates for* 1953) Coarse 258 0 mln yards Medium 267 1, Fine 152 9 , Superfine 14 4 Total 692 4

Final figures 1953 54 769 mln yds , Rs 63 45 crores 1952 53 620 mln yds

Food According to an analysis by the Food Minister There is no need to import wheat or rice or millets for the requirments of 1954 Whatever imports are arranged will be for building up stocks Stocks of wheat at beginning of 1954 eight lakh tons

Food Imports Upto end of 1953 2 02 mln tons

Foreign Trade (*Monthly average in Rs lakhs*) Imports 4 084 Exports of Indian merchandise 4 180 Re exports 52

Exports for 1953 54 (including re exports) Rs 522 crores Imports Rs 565 crores Adverse balance Rs 38 crores Exports for 1952 53 (final figures) Rs 573 crores , Imports Rs 656 crores Average for first three months of 1954 Rs 42 crores March Rs 49 crores

Industrial Finance Corporation (1952 53) Balance after providing for taxation and reserve Rs 11 25 lakhs Loans sanctioned slightly over Rs 4 7 crores Number of applications 74 amount involved Rs 8 25 crores Total sanctioned upto June 30, 1953 Rs 15 47 crores amount availed of Rs 13 16 crores

Oils Oilseeds Exports 1953 54 Rs 8 5 crores , 1952 53 Rs 32 6 crores

Tea Exports for 1953 54 (Rs 102 crores lbs 470 mln) 1952 53 (Rs 81 crores, lb 428 mln)

Tobacco Exports 1953 54 Rs 11 3 crores, 1952 53 Rs 15 6 crores

University Grants Commission Total for 1953 54 Rs 72 lakhs For higher scientific and technological education Rs 42 42 lakhs

NATIONAL INCOME

National income in 1950 51 Rs 9,530 crores In 1949 50 Rs 9,010 crores, in 1948 49 Rs 8,650 crores

Per capita income in Rs in 1951 265 2, in 1949 50 253 9, in 1948 49 246 9

Net domestic product at factor cost Rs 9,550 crores , net national product at market prices Rs 10,030 crores , net output of government

enterprises Rs 290 crores net output of government administration Rs 430 crores net output of private sector Rs 8,830 crores *government* shares in *national expenditure* Rs 820 *crores* and government draft on private income Rs 770 *crores*

Average annual income per agricultural labour family Rs 447 Expenditure Rs 468 (on ceremonies Rs 7) Percentage of families in debted 43 Total debt Rs 109 (consumption Rs 78) Amount borrowed from money lenders Rs 38 *from employers* Rs 22

PRODUCTION

The estimates for 1953 are as follows

Coal 33 847 000 tons Iron and steel 1 027 000 tons Cotton manufactures 49 280 lakh yards Yarn 1 110 lakh lbs Jute manufactures 866 400 tons Sugar 1 091 800 tons Paper 2 570 700 cwt Cement 3 730 000 tons Ammonium sulphate 301 408 tons Salt 879 lakh maunds

Engineering Production Electric fans 201 805 Power transformers 311,471 KVA Conduit pipes 3 77 mln ft Rubber insulated cables and flexibles 48 68 mln yds Electric motors 164 202 H P Dry cells 148 346 414 units House service meters 82 027 Domestic refrigerators 1 078 Lead 1 574 tons Steel tubes 319 tons Copper sheets 1 061 tons Brass sheets 10 477 tons Machine screws 162 600 gross Wood screws 2 450 000 gross Plain Calico Looms 1 823 Carding engines 193 Razor blades 16 63 million bicycles 246 993 Hurricane lanterns 4 2 million Sewing machines 58 371 Trucks assembled 9 087 Cars assembled 1 059 Refractories 206 947 tons Lathes 565 Asbestos cement sheets 74 382 tons

Aluminium 3 380 tons Oil pressure lamps 32 234

Sulphuric acid 104 074 tons Ammonium sulphate 31 960 tons Copper sulphate 474 tons Caustic soda 21 760 tons Soda ash 15 882 tons Bleaching powder 1 929 tons Liquid chlorine 9 286 tons Bichromates 2 343 tons Glycerine refined 2 413 tons Paper and Paperboard 137 166 tons Chrome tanned hides 669 382 pieces Indigenous types of foot wear 2 13 million pairs Zinc 17 034 cwts Dehydrated alcohol 8 01 million gallons Rayon 4 274 tons Bakelite moulding powder 828 833 lbs Leather cloth 981 012 yds Linoleum 161 944 yds Sheet glass 20 4 mln sq ft Glass shells 16 9 mln pieces Sanitarywre 720 tons Glazed tiles 359 lakh dozens Insulators (high tension) 6 million pieces Enamelware 8 3 mln pieces Welding gas oxygen 186 3 mln cubic ft Acetylene 33 3 mln cubic ft Automobile tyres 786 351 pieces Automobile tubes 689 169 pieces Bicycle tyres 4 75 mln pieces Bicycle tubes 4 72 mln pieces Tractor tyres 8 707 pieces Tractor tubes 7 508 pieces Aero tyres 1 090 pieces Cab tyres 482 857 ft Waterproof fabrics 2 17 mln yds Rubber footwear 23 15 mln pairs Radiator hoses 157 556 pieces Vacuum break hoses 184 092 pieces Other types of hoses 4 56 mln ft Superphosphates 83 000 tons

Plywood tea chests 47 42 mln sq ft Plywood commercial 10 65 mln sq ft Paints 1 28 mln gross Matches 598 225 cases of 50 gross each Plastics 1 28 mln gross Low tension insulators 2 3 mln Cigarettes 19 432 mln

Sundri 26 602 tons of ammonium sulphite

Cotton Textiles Production estimates for 1953 are Coarse 593 0 mln yds Medium 3 138 2 Fine 892 7, Superfine 304 6 *Total* 4 928 3

Indian Telephone Industries Ltd., Bangalore Turn over 1952 53 Rs 1 91 23,278 *Profit* Rs 14 29 349 Value of finished goods Rs 31,61 726 Number of telephones produced 22 444 New targets set 60,000 telephones exchange lines 40 000 (old targets now exceeded 25 000 and 20,000 respectively) Additional expenditure for new targets Rs 2 5 crores for 1953 56

Soap Industry 66 organized factories Productive capacity 194 000 tons per annum Between 3 000 and 4 000 cottage units with a capacity of 76 000 tons per annum Capital invested in organized factories Rs 13 crores, labour about 10 000

Sugar Government of India decided to import 2 lakh tons one lakh upto December 1953 the landed cost of which would be Rs 7 25 crores and the sale proceeds Rs 8 crores Also an export of 2 lakh tons of sugar will be allowed to relieve pressure on stocks in factories Exports during 1952 53 6 316 tons Off take of sugar from January 1 June 15 1953 8 22 lakh tons

Tea Estimated production in 1953 608 million lbs In 1952 about 620 million average annual consumption in India 170 million

Tobacco 1952 53 production 491 mln lbs (Bombay 116 480 000 Andhra including Madras 215 040 000) Area under tobacco 798 000 acres production of nicotiana tobaccum 58 60 7 lakh lbs area under nicotiana tobaccum 732 608 lakh acres production of nicotiana rustica 892 3 lakh lbs area under nicotiana rustica 69 600 00 0 lakh acres Total consumption of tobacco in India 521 096 000 lbs (for cigarettes 54 619 000 for cigars and chcroots 59 802 000 lbs for bidis 113,883 000 lbs for hookah 144 370 000 lbs for chewing 143 129 000 lbs for snuff 5 293 000 lbs)

Imports for 1952 53 5 69 600 lbs exports 80 90 million lbs

Cigarette production 26 000 million

RAILWAYS (1952-53)

Some late particulars are given below

Capital at charge Rs 868 52 crores Route mileage as on March 31 1952 34 274 98 Number of passengers originating 1 184 41 million Passenger miles 36 03 63 million Earnings from carriage of persons Rs 101 87 crores Average earnings per passenger mile 2 43 pies Freight tons originating 98 36 million Freight ton miles 28 969 89 million Earnings from carriage of goods Rs 143 80 crores Average earnings per freight ton mile 11 2 pies Total train miles 195 33 million Gross earnings per train mile Rs 14 13 Working expenses per train mile Rs 11 40 Net earnings per train mile Rs 2 73 Net earnings per mean mile worked Rs 15 267

Working expenses in Rs crores Administration 26 18, Repairs and maintenance 64 21 Operating staff 41 16 Operation (fuel) 22 20, Operation other than staff and fuel 13 48, Miscellaneous expenses 17 12 Labour welfare 3 64 Total 1 87 99

Number of man days worked 117 782 234 number of man days lost owing to illegal strikes 61 608

Passenger earnings by class (Rs lakhs) Air conditioned 27 first class 2 01 second class 4 11 inter class 5 78 third class 89 70

Volume of passenger traffic by class (figures in millions) Air conditioned 1 first class 247 second class 486 inter class 1 126 third class 34 162

Total coal consumed 11 118 942 tons output from railway collieries 3 196 239 tons

Total value of stores purchased (Rs lakhs) 92 14 71 stores of Indian origin 64 14 90 imported direct 1 49 06 purchased in India 21 50 75

Total staff on open line (1953) 922 601, on construction 3 326 cost of classes I and II Rs 3 06 87 031 of classes III and IV Rs 1 23 80 81 089 total cost Rs 1 26 87 68 120

Passenger amenities (1952) Rs 23 4 lakhs

Total *accidents* 13 146 *number of persons* killed 4 757 number injured 29 789

Capital at charge (1954 55) in the various railways etc is as follows (in Rs lakhs)

Central 1 65 59 Eastern 2 25 58 Northern 1 37 37 North Eastern 87,94 Southern 1 21 46 Western 1 15 79 Chittaranjan 22 42 Perambur Coach Factory 4 17 Railway collieries 7 69

The total staff and the cost of staff respectively on the various railways etc for 1952 53 are as follows

Central (167 671 22 41 86 196), Eastern (247 116 36 13 93 03?) Northern (131 525, 18 12 89 739) North Eastern (109 452 14 13 51 911) Southern (147 118 18 99 24 926) Western (109 999 15 23 58 160) Railway Board and other railway offices (9 720 1 82,64 155)

Five-Year Plan

The investments in crores of rupees are as follows The first figure shows the allotment under the *Plan* and the second the amount actually invested from 1951 52 to 1953 54

Rolling stock and machinery 207 96 112 65 Track 64 87 34 48 Bridges 5 60 2 22 Other structural and engineering works 43 41 24 36 Restorations 5 66 8 98 New lines special projects etc 28 52 6 76 Passenger amenities 15 00 7 78 Labour welfare 24 09 11 85 Collieries 14 5 Ports 1 04 (actual investment both together 0 88), Miscellaneous items 2 40 0 04

Total 400

Locomotives Below are shown the orders placed and the receipts of locomotives from 1951 52 to 1953 54

1951 52 370 120 1952 53 214 213 1953 54 185 134 Requirements 1954 56 735

Targets fixed and actual production for *Chittaranjan* 1951 12 16 1952 30 30 1953 45 45 1954 66 1955 90 1956 (up to March) 25 Total 268 Production *upto end of* 1953 100

Targets fixed and actual production for TELCO 1951 7 10 1952 30 30 1953 33 10 1954 50 1955 50 Total 170 Production upto end of 1953 50

Coaching Vehicles Orders placed and receipts are as follows

1951 1 002 771 1952 1 400 805 1953 1 384 609 1954 56 2 000 Total orders 1951 56 5 786 Receipts upto end of 1953 2 250

Total receipts from railway workshops 1 211 from Hindustan aircraft 323 from wagon manufacturing plant and other manufacturers 406 from overseas 355

Wagons Below are shown the orders placed and the receipts

1951 13 840 6 166 1952 7 952 11,711 1953 10 501 5 240 1954 56 27 000 Total orders 59 293 *Receipts upto end of* 1953 23 117

REFUGEE TOWNSHIPS

Number of number of persons settled 500 000 number of houses over 80 000 number of townships in each State is as follows Punjab 16 Delhi 9 U P 7, Bombay 4, M P 4 W Bengal 4 PEPSU 2 Saurashtra 2 Rajasthan 1 Bhopal 1 Kutch 1

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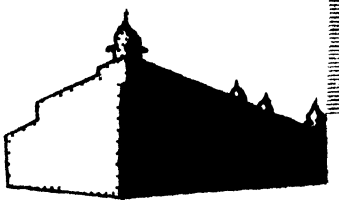

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TIMES OF INDIA BUILDING BOMBAY

WHO'S WHO IN INDIA

ABDULLABHAI, Mulla Taherali, M P Business man Is the son of Mulla Taherali *m* Sughrabai 1938, one *d*, Seth Habibhai, *Educ* Anjuman High School Nagpur Has been an active Congress worker confines himself to constructive work in the social and educational spheres of the Congress organisation, elected to the Madhya Pradesh Leg Assembly from the Commerce Constituency 1946 member, Nagpur Congress Cttee, was its Vice Pres for a few years went on a pilgrimage to Iraq and visited Basra Baghdad Najaf Kerbala and a number of other Arab cities *Recreations* Walking Boating Reading *Address* Itwari Nagpur 2 171 North Avenue New Delhi

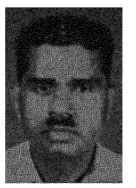
ABDULLAH, Sheikh Mohamad, ex Prime Minister Jammu and Kashmir, now in detention *b* 1905, in Soura, near Srinagar, *m* Begum Abdullah, *Educ* Srinagar, Jammu graduated with distinction from Lahore M Sc, Aligarh Univ while at Kashmir College he formed a Students Union 1927 Was a science teacher in the State High School initiated a regular campaign for responsible Government, crystallising in the formation of the Kashmir Muslim Conference created political consciousness among the people and took the opportunity of converting the Muslim Conference into the National Conference in 1938 launched the Quit Kashmir movement 1946 which aimed at complete democratisation of Kashmir was put in prison elected Pres, All India States Peoples Conference, released, 1947, organised a Peace Brigade to maintain communal harmony in the State organised national defence against the tribal raiders, was invited by the Maharaja of Kashmir to be the Head of the Emergency Administration at the time of the signing of the Instrument of Accession member, Kashmir Delegation from India to the U N O M P for Kashmir till 1952 *Address* Srinagar

ABID Ali, Deputy Minister for Labour Govt of India *b* 1900 Started life when 13 as Mill Mazdoor and hawker, Kanpur Govt service at Wardha, 1916 20 *resigned to join* non co operation movement 1921 Secy Wardha Khilafat and Congress Cttees C P P C C National Flag Satyagraha Cttee 1923, sentenced 22½ months Secy, Indian Assoc Singapore, deported from Malaya for political reasons joined Bardoli struggle 1928, General Secy B P C C, 1929 34 Congress Reception Cttee Bombay 1934 member A I C C for many years participated in all national struggles arrested about a dozen times beaten many a time by Muslim Leaguers for opposing Pakistan movement, organised Bihar earthquake relief on behalf of Bombay, 1934 Trade Unionist since working in Kanpur Mills among founders of the I N T U C its Vice Pre Founder and Office bearer of large number of Trade Union Organisations Pres, Bombay I N T U C represented Indian workers in International Conference thrice widely travelled *Address* Secretariat New Delhi

ACHARYA, Bejoy Krishna, I A (Hons) (Econ) (Calcutta) Dy High Commissioner for India at Dacca *b* May 1 1912 *s* of Dr Prankrishna Acharya a prominent physician and social reformer of Calcutta *m* Smt Nilima *nee* Mukherji, two *s* *Educ* Calcutta & London Universities Entered I C S 1936 held charge of several important Bengal districts like Howrah, 24 Parganas Bikargunj & Darjeeling, served as Dewan of Tripura & Dy Chief Commissioner Himachal Pradesh *Recreations* Motoring, Photography *Clubs* Delhi Gymkhana Club Darjeeling Gymkhana Club, Dacca Club *Address* Bulul Aman Mymensingh Road, Ramna Dacca

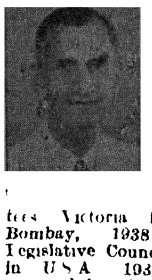
ACHARYYA, Chintamoni, M A (Gold medalist) LL B (Calcutta Univ) Ex Vice Chancellor, Utkal Univ, Cuttack *b* Dec 9 1893 *s* of late Choudhury Braja Sundar Patjoshi, *m* Srimati Ratnamani Devi, three *s* and one *d*, *Educ* Ravenshaw Coll, Cuttack, Presidency Coll, Calcutta, Univ Law Coll, Calcutta Advocate for 31 years, Govt Pleader and Public Prosecutor and Govt Advocate for 12 years, Part time lecturer in Law for 12 years *Publications* Author of several publications in English and Oriya such as books on History Law and other literary questions *Recreations* Rotary activities *Address* C/o Utkal University Cuttack (Orissa)

ACHUTHAN, K T, B A B L M L Advocate *b* March 1912, *m* Smt V K Savithri three *s* and one *d* *Educ* St Thomas Coll, Trichur and Law Coll, Trivandrum Enrolled as an Advocate and began practice in law at Irinjalakuda Cochin State became the General Secy Cochin S N D P Yogam was elected member Cochin Legislative Council, 1942 returned to the House of the People in general elections on Congress ticket *Recreations* Reading, Social work *Address* Trichur Travancore Cochin State



ADARKAR, Bhaskar Namdeo, M A (Cantab), B A (Bombay Univ) M B E (1946) Member Tariff Commission since Jan 1952 *b* May 18, 1910 *s* of N V Adarkar *m* Sarala Wagle *d* of late N B Wagle (1935) two *s* and one *d*, *Educ* Wilson Coll Bombay, Gonville and Caius Coll Cambridge Agent Bank of India Ltd Bombay 1938 Research Officer to the Economic Adviser to the Govt of India, 1938 40, Chief Research Officer 1940 41, Under Secy to the Govt of India Commerce Dept 1941 43, Asstt Economic Adviser to the Govt of India, 1943 45 Dy Economic Adviser to the Govt of India, 1945-49 Member Indian Tariff Board, June November 1949 and May 1950—Jan 1952, Secy Reconstruction Cttees, 1941 43 Govt of India's Delegate to Preparatory Cttee on Trade and Employment Drafting Cttee of that Cttee, Havana Conference on Trade and Employment I C A E Sessions and meetings of the I L O Vice Chairman Drafting Cttee on General Agreement on Tariffs and Trade (1947) *Publications* *Indian Tariff Policy* *Devaluation of the Rupee*, *The Cold Problem* *History of the Indian Tariff* and several official publications *Address* Tariff Commission Bombay

ADVANI, Pritamdas Bhojraj, M Sc Tech (Manch) M I E (India) A M I E E (Lond) I I Consulting Engineer and Industrial Adviser *b* May 21, 1891, *m* Parpati Vaswani *Educ* Hyderabad, Sind, & Manch Univ Engr, Bombay Office of Metropolitan Vickers till end of 1919 and later Mgr till Aug 1928, Director of Industries Govt of Bombay from August 1928 to Jan 1944, Chairman, Board of Direction for Technical Education and Industrial Training, Bombay till Oct 1944 Chairman, Board of Trustees Victoria Jubilee Technical Institute, Bombay, 1938 48, member, Bombay Legislative Council, 1932-36, on special duty in U S A 1939 in connection with proposal for the establishment of the automobile industry in Bombay prov Member of Senate, Bombay University, 1931 to 1945 Member Central Board of Irrigation and Power, Electricity Bombay, 1944 51 *Address* Prem Drive Bombay



AGA, Jamshed Burjor, L I I A, M Inst R A (Lond) F I A A & S (Land), M I S I G D Arch Corporate Architect and Surveyor *b* Oct 27, 191 After passing the Matriculation *obt* Diploma in Arc ing the youngest in India then Fellow of the Indian Institute of Architects, and Member of the Indian Society of Engineers, is also a Fellow of the Association of Incorporated Architects and Surveyors of London being the youngest Indian to acquire this distinction at the time, member, Institute of Registered Architects (Lond), Chartered Insurance Institute, Partner, Shapoorjee N Chandabhoy & Co, Architects Engineers, Surveyors, and Fire Loss Assessors Director and Committee Member of several Institutions Charter Member, Rotary Club Satara, Ex President, Satara Suburban Municipality, is a Freemason and also founder of some Lodges *Clubs* Royal Western India Turf Ripon Bombay Presidency Radio, Mahableshwar Satara and Poona *Address* Advani Chambers, Sir Phirozshah Mehta Road Bombay 1



AGA KHAN, Aga Sultan Mahomed Shah, P C (1934) G C I E (1902) G C S I (1911), G C V O (1923), K C I I (1898), Hon LL D Camb *b* 1875 Brilliant Star of Zanzibar, 1900, 1st Class has many religious followers in East Africa Central Asia and India head Ismail Mahomedans, granted rank and status of first class chief with salute of 11 guns in recognition of loyal services during European War led the Indian Delegation to the League of Nations Assembly in 1932 1934 and 1935 accorded the unique honour of being the first Indian President of the League Assembly, 1937 celebrated the Golden Jubilee of his accession to the *gadi* of Imam, 1936, made an honorary citizen of Cannes, April 1947, presided over the League of Nations Session, Sept 1937 celebrated the Diamond Jubilee of his Sultanate, 1945 *Publication* *India in Transition* *Address* Aga Hall Bombay

AGARWALA, Amar Narain, M A, B Com, Reader Faculty of Commerce, Allahabad University Some time Dean Faculty of Commerce, and Head of the Depts of Economics and Commerce, Univ of Sagar, M P *b* July 8, 1917 *m* Rajeshwari Agarwala *Educ* Christian Coll, Lucknow K P I Coll, Allahabad, and Univ of Allahabad Had a brilliant academic career, winning most of the prizes and scholarships including Queen Empress Victoria Jubilee Medal (highest academic distinction, Allahabad Univ) a leading economist an expert on social security and economic planning, his book *Samajvad ki Ruprekha* recognized the best book in Hindi on Socialism by Sahitya Samsadan (1939) which gave him the Muraraka Prize for it regular contributor to many learned journals in India and foreign countries including *Economic Journal* (London) and *International Labour Review* (Montreal) was for some time on deputation in the Labour Dept, Govt of India, associated with 21 economists in issuing a Manifesto on Government's monetary policy in 1946 edited a symposium on *Position and Prospects of India's Foreign Trade* with the co operation of Trade Commissioners and on *Indian Labour Problems* containing articles of India's 24 leading labour experts, Mg Ed, *Indian Journal of Economics*, Organ of the Indian Economic Association, 1943-1947, Mg Ed, *Indian Journal of Commerce* Organ of Ind Cmmr Assn 1947 51 Member of A U Committee of Courses and Studies Faculty

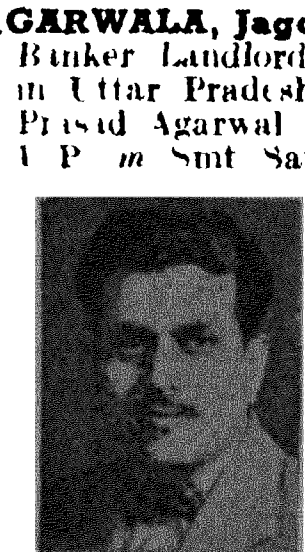


of Commerce Academic Council and Court Member Board of Studies, Sagar Univ Examination Cttee Patna Univ Secy (1947 51) and Founder Member Indian Commerce Association Genl Secy Bharatiya Vidyabhavan Allahabad Founder and Research Secy, Indian Research Assocn devoted to research and literary activities *Hobbies* Journalism cinema and tennis *Publications* *Social Insurance Planning in India Health Insurance in India Pessimism in Planning, Socialism without Prejudice*, etc *Address* Kundu Gardens Allahabad

AGARWALA, Mr Justice Chandra Bhan, M A B L, Judge, Allahabad High Court, since May 14, 1948 *b* 1897 *s* of L Munshi Lal *Educ* St Stephen s School, Delhi, Hindu College Delhi and Calcutta University, Matric from Delhi 1914 B A with Honours from Punjab Univ 1918 M A in 1920 and B L Calcutta Univ 1921 Gold Medalist (Cal) Enrolled as Vakil High Court, Alld 1922 and of Calcutta High Court 1923, practised at Bulandshahr, 1922 32, practised at the High Court 1932 48 *Publications* Author of the Commentary on U P Tenancy Act 1939 etc *Address* 25A, Purshottam Das Tandon Road Allahabad

AGARWALA, Sir Clifford Manmohan, Kt (July 1943), Chairman, Central Board of Film Censors *b* February 5 1890, *m* Dorothy Muriel Hall, *Educ* Aldenham School, Herts, England, called to the Bar in July 1911 Appointed a Judge of the Patna High Court in July 1932 retired as Chief Justice Patna High Court Jan 1950 *Publications* *Workmen s Compensation Law of Limitation Trial by Jury* *Address* Campbell House Pedder Road Bombay 26

AGARWALA, Jagdish Prasad, M A L com Banker Landlord and Millowner *b* July 1913 in Uttar Pradesh 3rd *s* of late Lala Gaya Prasad Agarwal Bookseller and Publisher of U P *m* Smt Savitri Devi, *d* of of Lala Shiv



Narain Agarwal, a prominent social worker and *Rais* of Farrukhabad one *s* and three *d* *Educ* St John s Coll Entered business at an early age Managing Director Educational Press Ltd Agra Director Bharti Prakashan Mandir Ltd Partner in the Managing Agency of Oriental Publishers Ltd was Director Vishal Bharat Bima Co Ltd Hotel (Hills) Ltd Delhi Scientific Industries Ltd Sooryodaya Films Ltd Glasswares Ltd partner Gaya Prasad & Sons Booksellers & Publishers, National Press Central Manufacturing Co, Univ Book Depot Prasad Bros Wal & Co Popular Book Depot Jaipur member National Chamber of Commerce & Industries, India Council of World Affairs League of Help International Fellowship U P Automobile Association sponsored the All India Seth Gaya Prasad Memorial Cricket Tournament President Publishers Assoc, Hon Secy U P Automobile Assoc Agra Branch Trustee Victoria Higher Secondary School *Publications* Several Hindi and Economic books including *Rashtra Nirmata* life sketch of Indian leaders books on Co operation and transport for M A students *Recreations* Music Cricket and Sight seeing *Clubs* Agra Rotary Club Agra Club Ltd *Address* Gaya Kunj Bankey Vilas Agra

AGARWALA, Rattanchand, M A (Punjab) Hons in B A Business man *b* June 6 1906 *m* Sh Lajwanti, two *s* and one *d* *Educ* Lahore Sanatan Dharam and Govt Colleges Devoted three years to social and public work, industrial research, Harijan welfare supporter of widow remarriage, eradication of social evils women s education, etc in conservative Marwari society devotes much of his time to serving Harijans and to social work organised earthquake relief in [illegible] the

tribal areas of India s North East Frontiers *Recreations* Gardening and reading *Address* Civil Lines, Jullundur City

AGGARWAL, Chiranjiva Lal, M A, LL B, Senior Advocate Supreme Court of India and Advocate East Punjab High Court Simla *b* April 10, 1900 *m* Smt Vidya Vati *d* of R B Sohan Lal, Educationist, Punjab, *Educ* D A V High School, Lahore, stood first in Matric, 1915 beat the Univ record in both pass and Hons courses in B A, from the Forman Christian Coll, Lahore (1919) Joined the National Movement, 1920 acted as Vice-Principal National Coll, Lahore Founder Lecturer,



Tilak School of Politics started by Lala Lajpat Rai was first in M A (Economics) the Punjab Univ (1923) acted as Lecturer in Economics, Forman Christian Coll, Lahore (1923) passed LL B, 1925 practised as Pleader at Gurdaspur (Punjab) 1925 29 enrolled as Advocate, Lahore High Court 1927 set up practice at Lahore High Court 1929, Lecturer in Economics and Commercial Law, the Punjab Univ, 1929 47 after partition shifted to Simla as Advocate East Punjab High Court, Elected member Bar Council 1950 elected Fellow of the Punjab Univ, 1949 Hon Secy Bhagwan Das Trust, Trustee, Aggarwal Ashram Trust, Pres, Aggarwal Sabha Simla 1950, Vice Pres Simla Institute of Public Affairs, Fellow, Royal Economic Society, visited England and Europe to study working of Universities and Law Courts 1951 *Publications* *Law of Hundis and Negotiable Instruments, Principles of Economics, Elements of Economics Lahore Old and New* etc *Address* Burnside, Boileauganj, Simla West

AGGARWAL, Shugan Chand, B A (Hons) Diploma in Mining Engineering (Leeds) Salt Commissioner Govt of India *b* Jan 6 1902 *s* of Munshi Ram *m* *d* of Beni Pershad Advocate, Himachal Pradesh *Educ* Govt Coll Lahore Supdt of Salt, Manager Khewra Salt Mines, Asstt Collector of Central Excise & Salt N W I up to Dec 1942, Dy Secy Ministry of Industry & Supply Indian Tariff Board Ministry of Labour, Govt of India *Publications* *The Salt Industry in India* 1937, *History of the Supply Department*, 1947 and *The Sambhar Lake Salt Source*, 1951, all published by Govt of India *Industrial Housing in India* *Address* [illegible] Commissioner New Delhi

AHMAD, Mushtaq, B A LL B [illegible] High Court, Allahabad *b* Feb 1893, *s* of Moulvi Abdul Rashid Vakil, *m* Begum Syeda Bibi, *d* of Syed Mohd Shafi judge and niece of the Hon Sir Syed Abdul Rauf, late judge High Court Lahore, *Educ* M A O College, Aligarh Joined the Bar at Jaunpur U P, 1916, joined the High Court Bar Allahabad, 1921, appointed President of the Improvement Trust Tribunal, 1927 became Advocate before the Bar Councils Act, 1928, thrice appointed by the U P Govt as Special Crown Counsel in important cases in the province, 1928 30, appointed member in the Law Reporting Council High Court, Allahabad, 1936, nominated by the High Court to the Bar Council 1943 elected Secretary, Advocates Assn High Court Allahabad, 1944 *Address* [illegible] Road Allahabad

AHMAD, Muzaffar, Member, Political Bureau, Central Committee of Communist Party of India Secretary West Bengal State Committee C P I *b* 1889 *s* of Mansur Ali *m* Hafiza Khatun one *d* *Educ* Noakhali Zilla School and Bangabasi Coll Calcutta Member, Communist Party of India since its inception, 1921 Editor of Bengali daily *Nava yug* 1920 [illegible] Bengali weekly *Ganabani* [illegible] Cawnpur

Communist Conspiracy Case 1924-28, convicted in Meerut Communist Conspiracy Case for transportation for life, but reduced to three years R I by Allahabad High Court *Publications* A Treatise on Agrarian Question in India 1936 *Address* 64A Lower Circular Road Calcutta 16

AHMED, Dr Rafiuddin, D D S (Iowa, U S A), F D S Royal Coll of Surgeons of England, Minister of Agriculture & Co operation, Govt of West Bengal *b* Dec 24, 1890, *m* Mrs Ayesha Ahmed, one *s* and four *d*, *Educ* Calcutta Univ State Univ of Iowa U S A Founder & Principal, Calcutta Dental Coll and Hospital Councillor and Alderman, Calcutta Corporation, member, West Bengal Leg Assembly *Publications* Author of *Students Handbook of Operative Dentistry* *Recreation* Swimming *Clubs* Calcutta Club *Address* 107 Ballygunge Place Calcutta 19

AIYANGAR, K T Bhashyam, B A, B L, Chairman Legislative Council, Mysore *b* April 12 1895 *s* of K T Narasimha Iyengar and Smt Alamelamma *m* Smt Kalyanamma, *Educ* Central Coll Bangalore Law Coll, Madras Advocate High Court of Mysore Minister for Law and Labour, Govt of Mysore *Publications* *Women in Hindu Law, Prison Reform* etc *Recreation* Gardening *Address* 21 Cottonpet Bangalore City

AIYAR, Rao Bahadur Chandrasekhara, B A B L Chairman Delimitation Commission India since Jan 24 1953 *b* January 25, 1888, *m* Sitalakshmi Ammal, *Educ* Conjeeveram Tirupati and Madras (Christian College and Law College) Enrolled as Vakil Madras High Court 1910, City Civil Judge July 1927 District and Sessions Judge (Dec 1927), High Court Judge, Madras, July 1941—25th January 1948 member All India Industrial Tribunal (Bank Disputes) member, Indo Pakistan Boundary Disputes Tribunal Judge Supreme Court India 1950 53 *Recreations* Tennis Volley Ball Cricket *Address* Sri Sadma 96, Mount Road Teynampet Madras New Delhi

AIYAR, Kuppuswami Srinivasan, B Sc (Geol) (Mysore) Chief Secretary, Govt of Hyderabad (Dn), since July 1952 *b* March 19, 1902, *el s* of late S Kuppuswami Aiyar, B A Retd Asstt Commsr Mysore Civil Service, *m* Smt Jayalakshmi *el d* of Rajamantra Pravina A V Ramanathan, Retd Dewan of Bharatpur, two *s* and two *d* *Educ* The Central Coll Bangalore Appointed to the staff of the Central Coll Botany & Geology Sections 1922 entered Mysore Civil Service, Jan 1925 worked in various capacities, Spl Deputy Commr of Income Tax 1941 Collr of Dts Officer on Spl Duty Food Dept Addl Dir Dir of Food & Secy to Govt Food & Civil Suppl, Commr of Income & Sales Taxes introduced Sales Tax in Mysore 1947 Chief Secretary, Mysore Govt 1948 51 Revenue Commissioner, 1951 52 drafted to the I A Service Jan 1951 services lent to the Govt of Hyderabad *Publications* A few in 1922 25 in field of geology *Recreations* Tennis Billiards *Club* The Century Club Bangalore *Address* Dilkusha [illegible] nagar, Hyderabad (Dn)

AJITSINGHJI, General Sir Maharajadhiraj, Kt M P *b* May 1 1907 *s* of Maharaja Sir Sardar Singhji Sahib, K C S I and the only grandfather of the newly installed Ruler Maharaja Gajsinghji Sahib of Jodhpur, *m* the sister of His Highness of Jaipur the Rajpramukh of Rajasthan two *s* Rajakumar Sobhagsingh and Rajakumar Swarupsingh and five *d* *Educ* Mayo Coll Ajmer President Consultative Cttee of Sardars, 1936, Central Advisory Board Jodhpur State 1938, Counsellor to His Highness the Maharaja Sahib Bahadur of Jodhpur 1940 held portfolio [illegible]



1941-46; Prime Minister, Jodhpur, 1947; Dewan, Popular Ministry, Jodhpur, 1948; first elected member of the Indian Parliament from Sirohi-Pali Parliamentary constituency of Rajasthan. *Address:* Raika Bagh Road, Jodhpur (Rajasthan).

ALAGESAN, O. V., Deputy Minister for Railways and Transport, Govt. of India, since Aug. 11, 1952. *b.* Sept. 6, 1911, *s.* of Viswanatha Mudaliar; *Educ:* Presidency Coll., Madras. Has taken active part in the Congress movements; courted jail for more than three years; Secy., Chingleput D.C.C. and Tamil Nad P.C.C.; member: A.I.C.C.; Provisional Parliament, 1950-52; Vice-Pres., Chingleput Dist. Board, 1938-42; elected to the House of the People from Chingleput Constituency, Madras State. *Address:* No. 3, Thimmarajakulam Street, P.O. Chingleput, Madras.

ALI, Hashim Amir, B.Ag. (Bom.), Ph.D. (Cornell), Dean of Agriculture, Osmania University, since 1946. *b.* May 8, 1903, *s.* of Mir Ahmad Ali, Retired Revenue Commissioner; *m.* Soghra Begum; two *s.* and one *d.*; *Educ.:* St. George's Grammar School, Hyderabad; Fergusson Coll., Poona; Agricultural Coll., Poona; Cornell Univ.; Univ. of Chicago. Fellow, Rural Research, Visvabharati, Bengal, 1931-34; Private Secretary to Sir Akbar Hydari, Prime Minister, Hyderabad, 1936-38; Chief Marketing Officer, Hyderabad State, 1938-46. *Publications: Facts and Fancies,* 1946; numerous contributions to English and Urdu Magazines and Visvabharati Bulletins. *Clubs:* Hyderabad Club; Secunderabad Club. *Address:* Osmania University, Hyderabad-Dn.

ALI, Sir Saiyid Fazl, KT. (Jan. 1941), B.A. (Allahabad), Bar-at-Law, Chairman, States Reorganisation Commission. *b.* September 19, 1886, *s.* of Saiyid Nazir Ali; *m.* Kubra Begum; two *s.* and three *d.*; *Educ.:* London Mission School, Banaras; Queen's College, Banaras; Muir Central Coll., Allahabad; Middle Temple, London. Practised as a Barrister at Chapra and Patna; appointed Judge of the Patna High Court, April 1928; acted as Chief Justice, 1938; deputed by the Govt. of Bihar to settle certain industrial disputes at Jamshedpur; appointed permanent Chief Justice, January 1943; appointed Chairman, R.I.N. Mutiny Enquiry Commission, April 1946; appointed Member, Calcutta Disturbances Enquiry Commission, Sept. 1946; went as Delegate for India to the 2nd Session of the U.N. General Assembly at New York in Sept. 1947 and elected Chairman of the Fifth Committee of the Assembly during that session; Judge, Federal Court of India, 1947-Jan. 1950; Judge, Supreme Court of India, 1950-52; Governor of Orissa, 1952-54. *Address:* C/o The Home Ministry, New Delhi.

ALI YAVAR JUNG BAHADUR, H.E. Nawab (Mirza Ali Yar Khan), B.A. Hons. (Oxford), Ambassador of India to Egypt. *b.* Feb. 16, 1905, *s.* of late Dr. Mirza Karim Khan Nawab Khedive Jung Bahadur and Tyaba Begum Bilgrami; *m.* Zahra Begum Bilgrami, *d.* of the late Nawab Sir Mahdi Yar Jung Bahadur; two *s.* and two *d.*; *Educ.:* Nizam Coll., Hyderabad-Dn.; Queen's College, Oxford. Professor of History, Osmania University, 1927-34; Director of Information, Hyderabad Govt., 1934-36; Secy. to Govt. Constitutional Affairs, Information and Broadcasting, 1936-42; Secy. to Govt., Constitutional Affairs, Police, Education and Judical, 1942-45; Vice-Chancellor, Osmania Univ., 1945-46; Minister for Constitutional Affairs, Local Govt., Medical, Public Health and Education, 1946-47; resigned from Hyderabad Govt. Service, Aug. 1947; Indian delegate to U.N., 1946, 1950 and 1952 Sessions; member, Indian National Commission, UNESCO; Vice-Chancellor, Osmania University, Hyderabad-Dn., 1948-52; Leader of the Indian Delegation to the Economic and Social Council, 1953; Indian Ambassador to Argentina and Minister Plenipotentiary to Chile, 1952-54. *Publications: Hyderabad in Retrospect* (Official Publication); *External Relations of Hyderabad. Address:* Indian Embassy, Cairo, Egypt.

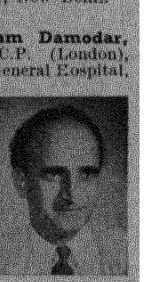
ALLEN, H. E. George Venable, A.B. (Duke), A.M. (Harvard), LL.D. (Duke), U.S. Ambassador to India. *b.* Nov. 3, 1903; *m.* Katharine Martin; three *s.*; *Educ.:* A.B. from Duke Univ., 1924; A.M. from Harvard Univ., 1929; LL.D. from Duke Univ., 1949. School Teacher, Newspaper Reporter, U.S. Foreign Service. *Recreations:* Tennis and Golf. *Clubs:* Chevy Chase and Metropolitan, (Washington, D.C.). *Address:* American Embassy, New Delhi.

ALTEKAR, Dr. Anant Sadashiv, M.A. LL.B., D. Litt., Professor of Ancient Indian History and Culture, Patna University, and Hon. Director, K. P. Jayawal Research Institute, Patna. *b.* August 30, 1898, *s.* of S. K. Altekar; *m.* Mrs. Satyabhamabai Altekar; four *s.* and three *d.*; *Educ.:* Deccan College, Poona. Head of the Dept. of Ancient Indian History and Culture, Hindu Univ., 1930-49; Editor, Journal of the Numismatic Society of India, 1940-53; Vice-President, All-India Oriental Conference, 1950-53; Pres., History Section, All-India Oriental Conference, 1949; Hon. Editor, Bibliography of Indian Archaeology, Kern; Editor of Vol. VI of the History of Indian People on the Age of the Vakakas and the Guptas. *Publications: History of Village Communities in Western India; Education in Ancient India,* 4th Ed., 1951; *Rashtrakutas and their Times,* 1932; *Position of Women in Hindu Civilisation,* 1938; *State and Government in Ancient India,* 1949; *Sources of Hindu Dharma,* 1953. *Club:* Staff Club, Patna University. *Address:* Mahendru, Patna 6.

ALVA, Joachim, B.A., LL.B., M.P., Journalist. *b.* Jan. 21, 1907, *s.* of the late Piedade and Anne Alva of Udipi (South Kanara Dist.); *m.* Violet Alva, M.A., LL.B., J.P.; two *s.* and one *d.*; *Educ.:* St. Aloysius Coll., Mangalore; St. Xavier's Coll., Elphinstone Coll., and Law Coll., Bombay; First Prize Winner, Bombay Law Coll., Extempore Speaking; Gold Medalist and First Prize Winner, All-India Inter-Univ. Oratorical Contest, Benares Univ. Suffered three years' imprisonment in the Congress movement; enrolled Advocate, Bombay High Court and practised for seven years; Founder and Editor (1943), *Forum,* Indian weekly news magazine; member: Standing Cttee., All-India Newspaper Editors' Conference, since 1945; Govt. of India Delegation of Indian Editors to the Sokol, Czechoslovakia, 1948; Sheriff of Bombay, 1949; member, Panel of Chairmen of the first sessions of the Republican Parliament of India; member, Parliamentary Standing Cttees. for Defence and External Affairs, 1950-51; elected to the House of the People, 1952. *Publications: Men and Supermen of Hindustan* (Thackers). *Clubs:* Delhi Gymkhana Club, Roshnara Club, Chelmsford Club, Constitution Club, Delhi; Cricket Club of India, Bombay; Willingdon Club, Bombay. *Address:* "Forum," Bombay.

AMBEDKAR, Dr. Bhimrao Ramji, M.A., Ph.D., D.Sc., Bar-at-Law, M.P., Ex-Minister of Law, Govt. of India. *b.* 1893; *Educ.:* Satara and Bombay; Gaekwar's Scholar at Columbia Univ. to study Economics and Sociology; did research in India Office Library and kept terms for the Bar at Gray's Inn. Prof. of Political Economy, Sydenham Coll. of Commerce, Bombay, 1917; went to Germany and joined Bonn Univ. and then London Univ. and took D.Sc. in Economics and Commerce; called to the Bar, 1923; gave evidence before Southborough Cttee. for Franchise, 1918; and Royal Commission on Indian Currency, 1926; member, R.T.C., London, 1930-32, and Joint Parliamentary Cttee., 1932; Member, Governor-General's Executive Council (Labour), July 1942 to June 1946; elected to the Council of States, 1952. *Publications: The Problem of the Rupee; Evolution of Provincial Finance in British India; Caste in India; Small Holdings and their Remedies; The Annihilation of Caste; Federation* versus *Freedom; Thoughts on Pakistan; Ranade, Gandhi and Jinnah; What Congress, and Gandhi have done to the Untouchables; Who were the Shudras; The Untouchables, Who were they and How they became Untouchables,* etc. *Address:* 1, Hardinge Avenue, New Delhi.

AMBEGAONKER, Dr. Sitaram Damodar, M.B., B.S. (Bombay), M.R.C.P. (London), Hon. Physician, Shree Sayaji General Hospital, Baroda and Lecturer in Medicine, Baroda Medical College. *b.* 1908; *Educ.:* Seth G. S. Medical Coll., Bombay; M.B., B.S., 1934. Worked as House Physician and Resident Anaesthetist at K. E. M. Hospital, Bombay; proceeded to England, 1936; worked at London Hospital, King's Coll., Hospital, Brompton Hospital for Consumption, National Hospital for Diseases of the Heart, etc.; M.R.C.P. (Lond.), 1937; Hon. Physician, Singhanee Hospital for Hindus, St. George's Hospital, Bombay; Physician and Deputy Chief Medical Officer, Baroda State; Pres., Baroda Medical Union; after merger of Baroda State, Civil Surgeon, Baroda Dist.; retired, 1952. *Address:* Shiya-Bag, Baroda.



AMIN, Manibhai Purushottamdas, B.A. (Hons.), LL.B., 1916. Advocate-General, Bombay. *b.* March 31, 1894; *m.* Smt. Lilavati Pragjibhai Patel; two *s.* and two *d.*; *Educ.:* R. C. High School, Ahmedabad; Gujerat Coll., Ahmedabad; Elphinstone Coll., Bombay; B.A. (Hons.), 1914; LL.B., 1916. Started practising in the Bombay High Court from April 1919. *Recreation:* Tennis. *Clubs:* Willingdon; C.C.I. *Address:* Urmi, 65, Worli Sea-Face, Worli, Bombay 18.



AMIN, Ramanbhai Bhailalbhai, Director, Alembic Glass Industries Ltd., Baroda and Alembic Chemical Works Co., Ltd., Baroda. *b.* May 19, 1913, at Virsad; *m.* Smt. Dhirajben; one *s.* and four *d.*; *Educ.:* Baroda, Bombay and Germany; holds an Engineering degree of the Technical Coll., Darmstadt (Germany) where he studied from 1931-34. Manager and Engineer, Alembic Chemical Works Co., Ltd., Baroda. *Address:* Alembic Colony, Baroda 3.



AMRIT KAUR, Rajkumari, Minister for Health, Govt. of India, since 1947. *b.* Feb. 2, 1889, at Kapurthala Palace, Lucknow, only *d.* of Raja Sir Harnam Singh of Kapurthala; *Educ.:* in England. Social worker of many years' standing; Secy. to Mahatma Gandhi for 16 years; worked for the All India Women's Conference from its inception in 1927; has been ex-Chairman and its Pres.; worked also for the All India Women's Edn. Fund Assocn.; is Chairman of its Governing Body; gave evidence on behalf of the A.I.W.C. and other women's organisations before Lord Lothian's Franchise Cttee., 1932



and before the Joint Select Cttee. of the British Parliament, London, 1933; member, Advisory Board of Education, Govt. of India for many years; served on the Board of Trustees, All-India Spinners Assoc. and Hindustani Talimi Sangh during Gandhiji's life-time; Dy. Leader, Indian Delegation to UNESCO, London and Paris, 1945 and 1946; led the Indian Delegation to W.H.O. for four consecutive years in Rome and Geneva and for the fifth time, 1953; elected Pres., W.H.O. Assembly, 1950; Chief Commr., St. John Ambulance Brigade in India; Chairman, Mg. Body of the International Red Cross Society; Vice-Chairman, Board of Governors, League of Red Cross Societies; member, Jallianwalabagh National Memorial Trust; Trustee, Gandhi Smarak Nidhi; Pres.: All-India Conference of Social Work for 1948-49; Indian Leprosy Assocn. and T. B. Assocn. in India; is a keen tennis player; has won many tennis championships; held additional charge of Communications Minister, Aug. 1951 to May 1952. *Permanent Address:* 'Manorville', Summer Hill, Simla West.

ANAND, Mulk Raj, B.A. (Hon.), Ph.D., Author, Novelist and Critic; Editor, *Marg* Magazine. *b.* December 12, 1905; *Educ.:* Punjab University; Universities of London and Cambridge. Lecturer in literature and philosophy to the London County Council adult education schools; Editor of various magazines; Leverhulme Fellow for research in Hindustani literature. Broadcaster at the B.B.C., Film script-writer at the M.O.I. *Publications: Novels: Private Life of An Indian Prince, Seven Summers, The Big Heart, The Sword and the Sickle, Across The Black Waters, The Village, Two Leaves And A Bud, Coolie, Untouchable, Tractor and the Corn Goddess, The Barber's Trade Union, Essays: Apology for Heroism, Lines Written to an Indian Air, Persian Painting,* etc. *Address:* 25, Cuffe Parade, Colaba, Bombay.

ANANTANI, Biharilal Narayanji, B.A., D.Litt., Bar-at-Law, ex-Dewan, Jawhar State. *b.* June 22, 1892, at Kutch-Bhuj; *Educ.:* Alfred High School, Kutch-Bhuj, and Middle Temple, London; called to the Bar in 1937. Started career in Zanzibar, as Interpreter in H.B.M.'s High Court; was Head Master, Indian School, for 10 years and journalist for 25 years; Proprietor and Editor, *The Zanzibar Voice*, a well known Weekly; was Mysore Govt. Trade Agent in East and South Africa and also acted as Trade Correspondent for the Government of India for a number of years; as Leader of the Indian Community, led deputations to London and Geneva on several occasions on behalf of Indians in East Africa; practised law in Bombay High Court on the Original side and is still on the roll of Advocates; was Commerce Member in Nawanagar State for four years; acted as Advocate-General in Nawanagar State and Famine Relief Commissioner during the famine of 1939-40 and won the appreciation of the Maharaja Jamsaheb Bahadur and the public for his strenuous work; Controller of Prices, Agent to the Custodian of Enemy Property and President, Central Board, War Efforts Committee; was Pres., Stores Purchase Cttee., Nawanagar State; an active Rotarian and a Mason; Pres., Rotary Club of Bhuj Kutch for 1953-54; Kutch Sahitya and Samskar Mandal. *Publications:* Gujarati translation in verse of *Karima* by Shaikh Saadi, Great Persian Poet and Writer, *Functions of Post-War Journalism* and *Genesis of Indian Struggle in East Africa.*" *Address:* Nagar Chaklow, Bhuj, Kutch.



ANEY, Dr. Madhao Shrihari, B.A., B.L., Ex-Governor of Bihar. *b.* August 29, 1880; *m.* Yamunabai (died 1925); *Educ.:* Morris Coll., Nagpur. Teacher, Kashibai Private High School, Amraoti, 1904-07; joined Bar, 1908 at Yeotmal; Vice-Pres., Indian Home Rule League; Pres., Berar Provincial Congress Cttee., 1921-30; joined Civil Disobedience Movement; Ag. Pres., Indian National Congress, 1933; M.L.A. for Berar, 1924-26, 1927-30 and 1935; member, Congress Working Cttee., 1924-25 and 1931-34; founded Yeotmal District Assoc., 1916; member, Nehru Cttee.; Vice-Pres., Responsivist Party; General Secy., Congress Nationalist Assembly Party, 1935; General Secy., Anti-Communal Award Conference Working Cttee., 1935; member, Viceroy's Executive Council (Indians Overseas), 1941-43; Representative of the Govt. of India in Ceylon, Aug. 1943—July 1947; Pres., Vaidic Sanshodhan Mandal, Poona, 1944; Member, Constituent Assembly of India, July 1947—Jan. 1948. *Publications:* Collection of writings and speeches in Marathi. *Address:* C/o Governor's Camp, Bihar.

ANGRE, Col. Shrimant Sardar Dharmaveer Chandroji Sambhaji Rao, Vajarat Moab, Sawai Sarkhel Bahadur, M.P., premier Nobleman and Jagirdar of Gwalior State. *b.* in 1896 at Gwalior; *m.* the aunt of Lt.-Gen. His Highness Maharaja Sir Jivaji Rao Scindia; 3 *s.*, Shrimant Kumar Sambhaji Rao *alias* Balasaheb Angre, Shrimant Kumar Shivaji Rao and Shahaji Rao Angre; 1 *d.*; *Educ.:* Wilson High School, Bombay, Sardar School, Gwalior and the Agriculture Institute, Allahabad. Was Private Secretary to H.H. the Maharaja Scindia, Huzur Secretary, Foreign and Political Minister and Vice-Pres., Ex. Council, Gwalior Govt.; has rendered valuable service to the Scindia dynasty and the Gwalior State; introduced many public utility schemes for the benefit of the public; General Secretary, All-India Land-owners' and Jagirdars' Association; awarded the Scindia Medal; Pres., Madhya Bharat Krishak, Zamindar and Jagirdar Sangh; member, Upper House of Parliament representing M.B. Hindu Mahasabha; organised the Opposition in M.B. during general elections. *Address:* Sambhaji Vilas, Lashkar, Gwalior.

ANTHONY, Frank Reginald, B.A. (Nagpur Univ.), M.P., Viceroy's Gold Medalist in English, Univ. Prizeman and Scholar, Bar-at-Law of the Inner Temple, London. *b.* Sept. 25, 1908; *Educ.:* Nagpur Univ. and at the Inner Temple, London. Leading criminal lawyer in Madhya Pradesh; elected President-in-Chief of the Anglo-Indian and Domiciled European Assocn., All-India & Burma, in 1942, in succession to the late Col. Sir Henry Gidney; nominated to the Central Legislature in 1942; renominated in 1946; member of the Viceroy's National Defence Council; member, Sapru Conciliation Cttee., etc.: member, Central Pay Commission; one of India's Delegates to the General Assembly of the United Nations in 1946; one of India's representatives to the Commonwealth Parliamentary Conference held in 1948; member of the Constituent Assembly of India; nominated to the House of the People under special provision in the Constitution for the Anglo-Indian Community, March 1952. *Address:* New Delhi and Jabalpur.

ANTIA, Khursed Framroze, B.Sc. (Hons.) (Lond.), F.N.I., M.Inst.E. (Ind.), A.M.I.Struct. E. (Lond.), F.P.W. Inst., Diploma of King's College (London), Head of Research and Development Departments, The Concrete Association of India. *b.* Dec. 7, 1904, *s.* of late F. C. Antia and Mrs. Antia (nee Tata); *m.* Amy N. Bharucha; one *d.*; *Educ.:* St. Xavier's Coll., Calcutta and King's Coll., London. On London and North-Eastern Railway, 1926-27; Structural and Railway Engineer, B. N. Rly., 1928-40; Executive Engineer, Bridge Engineer, Deputy Chief Engineer, Western Railway, 1940-47; Dy. Chief Controller, Ministry of Railways, Central Standards Office, 1947-50. Editor, Permanent Way Institution Journal, Bombay and Western India Centre, 1944-46; Technical Editor, The Indian Concrete Journal, member of several Technical Cttees. of the Indian Standards Institution, Indian Road Congress, Scientific and Industrial Research, etc. *Publications: Fundamentals of Reinforced Concrete; Railway Track; Railway Engineering Accounts;* Numerous Technical Articles. *Recreations:* Hockey, Tennis, Soccer, Cricket and Water Polo. *Clubs:* Simla A.D.C.; Cricket Club of India (Bombay); National Sports Club of India; Cuttack (Orissa); Ganjam (Berhampur); Khargpur (Bengal). *Address:* 'Rockside', Walkeshwar Road, Malabar Hill, Bombay 6.

ARMSTRONG, James Ridley, A.M.I. Mech. E., General Manager, Richardson & Cruddas Ltd., Engineers, Bombay and Madras, since 1950. *b.* June 18, 1902, at Bosworth, Leicestershire; *m.* Dolena MacKenzie; one *s.*; *Educ.:* Latymer Upper School, London; Kilmarnock Technical Coll., Ayrshire; Heriot Watt Coll., Edinburgh; Pupil with The Kilmarnock Engineering Co. Ltd., Kilmarnock, Scotland. Joined Richardson & Cruddas and came to India, 1925; became Partner, 1946; Officer in Royal Artillery A.F. (I), 1926-30; Officer Commanding, Royal Engineers A.F. (I), Bombay, 1939-40. *Clubs:* Royal Bombay Yacht Club; Bombay Gymkhana Ltd. *Address:*—*Residence:* B-3, Mafatlal Park, Warden Road, Bombay 26; *Office:* Byculla Ironworks, Bombay 8.



ARORA, Srinath D., M.Sc. (Chemists Ind.), L.T., Ph.D. (Minnesota, U.S.A.), F.I.C.S., Principal, Jaswant College, Jodhpur; Dean, Faculty of Science, Rajputana Univ. *b.* Dec. 22, 1901, Uttar Pradesh; *m.*; has five children, *el. s.*, I. K. Arora studying for Ph.D. in Chemical Engineering, Univ. of Washington, Seattle, U.S.A. and *d.*, Nirmal studying for Ph.D. in Botany, Univ. of Delhi. Hon. Secy., Jodhpur Gymkhana for 13 years; member, Rotary International; is interested in Community Projects and in promoting the ideal of social work among the students of the College. *Recreations:* Travel; Photography; Tennis. *Club:* Umaid Club. *Address:* Sardarpura Road No. 4, Jodhpur.



ASHAR, H. N., J.P. and Hon. Presidency Magistrate, Managing Director, The Digvijay Insurance Co., Ltd. since 1942. *b.* in 1906 at Rajkot; *Educ.:* Passed in the first class in the Book-keeping and Accounts Examinations held by the National Union and London Chamber of Commerce. Was Chief Scout Commissioner for former Rajkot State and got a certificate from Mahatma Gandhi for his able leadership in Scouting in 1925; started his career with Gresham; won a gold medal in the first year; joined New India as Chief Agent for Cutch and Kathiawar; won gold medals twice for highest business production; joined as Branch Manager of Bharat Insurance Co., Ltd., Bombay, in 1937; recipient of several other medals and prizes for record business. *Address:* Dhan-Nur, Sir Phirozshah Mehta Road, Fort, Bombay.



ASHER, Karsondas Govindji, Proprietor, Asher & Co., and the firm of Karsondas G. Asher, dealing in Rayon, Spun, Staple, Woollen and Raw Silk Yarn. *b.* 1905 at Jamkhambhalia (Saurashtra) in an ancient Bhatia family; *m.* Champaben, *d.* of Laxmidas Mulji, a landlord and piece-goods merchant of Bombay; two *s.* and one *d.*; *Educ.:* National College, Bombay. A staunch Congressman; founder and promoter, National High School, Bombay, during Mahatma Gandhi's non-co-operation movement, 1921; worked for some time as an Honorary Commercial Representative to *Bombay Samachar*; is a public speaker; has travelled extensively. *Publications:* Has contributed several articles on commerce to different newspapers; as a scholar in Gita and Upanishads, has published many articles in magazines and newspapers. *Recreation:* Walking. *Address:* Laxmi Bhuvan, Anand Baug, Tagore Road, Santa Cruz, Bombay 23.



ASHER, Purshottam Damodar, Cotton Merchant and Managing Agent, Asher Textiles Ltd. *b.* Nov. 12, 1887; *m.* Smt. Padmavati Asher, *d.* of Parmanand Narsey of Jamnagar; one *s.*, Chandrakumar Asher; *Educ.:* passed matriculation. Entered business; is keenly interested in public activities; is a freemason. *Recreations:* Cricket, Reading. *Clubs:* All rotary clubs in South India. *Address:* Chandra Palace, Tirupur.

ATAL, Jai Kumar Sapru, B.A. (Hons.)(Oxford), I.C.S., Dy. High Commissioner for India, Karachi, Pakistan, since 1952. *b.* Jan. 19, 1914, *el. s.* of Raja Amarnath Atal of Jaipur and *g.s.* of the Rt. Hon. Sir Tej Bahadur Sapru; *m.* Smt. Ganga Raina; one *s.*; *Educ.:* Winchester, Balliol, Oxford. District Magistrate, Amraoti, Yeotmal, Nagpur, Chanda and Saugor in Madhya Pradesh, 1940-47; Private Secy. to Minister of Education, Govt. of India, 1947-48; 1st Secy., Embassy of India, Brazil, 1948-49; Dy. Secy., Ministry of Transport, 1950-51; Dy. Secy., Ministry of External Affairs, 1951-52. *Recreations:* Polo; Big game hunting; Riding; Rowing; Tennis. *Clubs:* Gymkhana Club, Delhi; Karachi Boat Club, Karachi; National Sports Club of India, New Delhi. *Address:* "Atal Ban," Jaipur; C/o Ministry of External Affairs, New Delhi.

AUGUSTI, K. Joseph, *b.* Dec. 1, 1884, in a family with long commercial traditions. Took to business early in life; is a pioneer in joint-stock enterprise in Travancore; was one of the first to introduce motor transport in the State; is a landholder and business man; has travelled extensively in Europe; founded the Palai Central Bank Ltd., of South India; has been Managing Director of the Bank from the beginning. *Address:* Palai, S.I.



AYYANGAR, M. Ananthasayanam, B.A., B.L., Deputy Speaker, House of the People; Advocate. *b.* Feb. 4, 1891, *s.* of M. Venkata Varadachariar and Smt. Kanakammal; *m.* Smt. Choodammal; four *s.* and eight *d.*; *Educ.:* Devastanam High School, Tirupati; Pachaiyappa's and Law Coll., Madras. Teacher; then Advocate; member, Central Legislature continuously since 1935; courted jail for individual satyagraha and Quit India Movement, 1940-41, 1942-Dec. 1944; member, Fiscal Commission and Chairman, Criminal Tribes Enquiry Cttee. *Hobby:* Sanskrit study. *Club:* Constitution Club, New Delhi (Secretary). *Address:* Chittoor (Andhra State).

AYYAR, Mr. Justice A. S. P., M.A. (Oxon.), I.C.S., F.R.S.L., Bar-at-Law (Inner Temple), Certificate of Honour & Langdon Medal (1936), Fellow of the Royal Society of Literature of the United Kingdom, London (1933), High Court Judge, Madras, since Sept. 1948. *b.* January 26, 1899, *s.* of Subramania Iyer and Akhilandeswari Ammal of Ayilam Village, Malabar Dist.; *m.* Srimati Vedanayaki Ammal; two *s.* and five *d.*; *Educ.:* Madras, Oxford, London. Entered the I.C.S., 1921, by open competition examination at London; came to India, 1922; was Collector and District Magistrate, Cuddapah and South Kanara; entered the Judiciary, 1930; was District and Sessions Judge in several districts. *Publications: Indian After-Dinner Stories*, Vols. I to III; *Baladitya; Three Men of Destiny; Panchatantra and Hitopadesa Stories; Bhasa; Two Plays of Bhasa; An Indian in Western Europe; Gripping Tales of Ind.; Trial of Science for the Murder of Humanity; Sense in Sex and other Stories; Finger of Destiny and other Stories; Hindu Law's Contribution to World Jurisprudence; Sri Krishna, the Darling of Humanity; A Layman's Bhagavad Gita; Kovalan and Kannaki; Manimekalai, Three Famous Tales*, etc. *Address:* 1B, College Road, Nungumbakam, Madras 6.

AYYAR, G. Venkateswara, B.A. (Hons.), I.C.S., Chairman, Madras Port Trust. *b.* Feb. 19, 1905, *s.* of Gopala Ayyar; *m.* Smt. Saraswati, *d.* of late K. Subramania Ayyar, Advocate, Kottayam; three *s.* and two *d.*; *Educ.:* C.M.S. Coll., Kottayam; Maharajah's Coll., Trivandrum; London Univ. Joined I.C.S., 1930. *Clubs:* Cosmopolitan Club, Madras, Madras Cricket Club, Madras. *Address:* Harbour House, Madras 1.

AZAD, Moulana Abul Kalam, Minister for Education, Govt. of India, since Jan. 1947 and for Natural Resources and Scientific Research, since May 1952; eminent Muslim divine and thinker. *b.* in Mecca, 1889, of an old family of Delhi, settled in Calcutta; *Educ.:* Privately, and when fourteen years old finished studies in Arabic and Oriental learning and started teaching. In 1912, started his famous Urdu journal, "AL-HILAL", and invited Indian Muslims to join the Congress; Government suppressed "AL-HILAL" in 1914 and interned him in Ranchi; was released in January 1920; took part in the Non-Co-operation Movement under Gandhi's leadership, was arrested the same year along with other leaders and imprisoned for two years; served several terms of imprisonment eleven years in all; was last imprisoned in August 1942 for three years; President, Indian National Congress, 1923 and again 1939-46; conducted talks with Sir Stafford Cripps on behalf of the Congress, 1942; was the sole spokesman of the Congress when Lord Wavell called the Simla Conference, 1945; conducted negotiations with the Cabinet Mission on behalf of the Congress, 1946; Education Member, Interim Government, January-August 1947; elected Dy. Leader of the Congress Party in Parliament, February 1951 and again in 1952. *Publications:* Several books on different branches of Philosophy and Literature; his commentary on Quran is particularly well-known. *Address:* 4, King Edward Road, New Delhi and Ballygunge Circular Road, Calcutta.



AZAD, Bhagwat Jha, B.A. (Hons.), M.A., B.L., Member, House of the People. *b.* 1925; *s.* of Pt. Jarab Lall Jha, farmer and Smt. Yogmaya Devi; *m.* Smt. Indira Jha; one *s.*; *Educ.:* B.A. (Hons.) from S. N. J. Coll., Bhagalpur, 1947; M.A., B.L. at Patna Coll., Patna Univ., 1951. President, Bihar Provincial Students' Congress. *Recreations:* Cricket, Volley Ball. *Address:* Village Kasha, P.O. Kasha-Dudhichak, Dt. Bhagalpur; P. S. Mahagama, Dt. Santal Parganas.



BADHWAR, Fateh Chand, M.A. (Cantab.), M.B.E. (1941), O.B.E. (1946), Chairman and Member, Engineering, Railway Board, and Ex-Officio Secretary, Railway Ministry, Govt. of India. *b.* Sept. 29, 1900, *s.* of the late Gokal Chand Badhwar, I.C.S. and Mrs. Mael Kaur Badhwar; *m.* Dr. Mary Thomas, Professor of Gynæcology and Obstetrics, Queen Mary Hospital, Lucknow, *el. d.* of Sir George and Lady Sarah Thomas, 1947; *Educ.:* Woodstock College, Mussoorie, Sherwood College, Naini Tal; Christ College, Cambridge. After 2 years of varied experience on ships, docks, bridges, canals and railways in Europe and America, was posted to the E. I. Rly., 1925; commissioned into the Corps of Indian Engineers in Sept. 1941 and commanded No. 6, Tech. Training Group until Dec. 1943; appointed Secy., Railway Board, April 1944; General Manager, O. T. Rly., Jan. 1947; granted Hon. rank of Lieut.-Col. in Territorial Army, Nov. 1952. *Recreations:* Golf, shooting, fishing, riding and racing; keen on trekking in the Himalayas and natural history in all its aspects. *Club:* Delhi Gymkhana. *Address:* The Railway Board, Government of India, New Delhi.

BAGLA, Lala Rameshwar Prasad, business man, of the ancient family of Baglas of Churu, Bikaner State, son of Lala Dinanath Bagla, business man and one of the founders of the Marwari Intermediate College, Kanpur, and United Provinces Chamber of Commerce. *b.* May 7, 1904; *Educ.:* Privately under the training and guidance of his father. Took to business at a very early age and enlarged his father's business considerably; Director and Managing Agent, Maheshwari Devi Jute Mills Ltd.; Proprietor, Messrs. Gangadhar Baijnath, Kanpur; Chairman, Board of Directors, India United Mills Ltd., Bombay, the biggest textile unit in India; Partner, Agarwal & Co., Managing Agents of the India United Mills Ltd.; Director of various other prominent business concerns; has secured controlling interest in the Muir Mills Co., Ltd., Kanpur and is Chairman of its Board of Directors; has certain other business propositions in hand and is contemplating a further extension of his industrial and commercial activities; has travelled widely in Europe and developed an industrial outlook after a close study of the big industrial organisations of European countries; Member, Kanpur Municipal Board and its Chairman, 1941-43; Hony. Secretary, U.P. Chamber of Commerce, 1931-40 and its President, 1940-45; Member, Executive Committee, Federation of Indian Chambers of Commerce and Upper India Chamber of Commerce for several years; Member, Central Assembly from constituency of Cities of U.P., 1930-34; Member: Employers' Delegation to the International Labour Conference at Geneva in 1931; Employers' Delegate to the Second Session of I.L.O. Textile Committee held in Geneva in 1948; tendered evidence before the Whitley Commission, Lothian Committee, and Joint Parliamentary Committee; is connected with several other public institutions of Utta-



Pradesh; renounced the title of Rai Bahadur on 15th August 1947; has endowed in revered memory of his parents, the Dinanath Parbati Bagla Infectious Diseases Hospital equipped with forty-eight beds in the Administrative Block and twenty-four beds in the Smallpox Block, each capable of providing double accommodation in case of emergency and furnished with latest equipment. *Hobby:* Fine Arts, particularly Music. *Address:* Bagla Cottage, Shrimati Parbati Bagla Road, Kanpur.

BAHADUR, Raj, B.Sc., M.A., LL.B., M.P., Deputy Minister for Communications, Govt. of India, since June 1952. *b.* Dec. 12, 1912, *s.* of Sunder Lal, Bharatpur Darbar Vakil (Representative) at the Court of Vakils for Rajputana States at Mt. Abu, and Shrim. Mahadevi; *m.* Shrim. Vidyavati Srivastava, B.A., B.T., Headmistress, Girls' High School, Bharatpur and *d.* of R. B. Dr. Narbada Pd., Civil Surgeon, M.P.; four *s.*; *Educ.:* Sadar High School, Bharatpur; Maharaja's High School, Jaipur; Maharaja's Coll., Jaipur; Agra Coll., Agra; St. John's Coll., Agra. Advocate, High Court, Bharatpur; Pres., Bar Assoc., Bharatpur; Secy., General Secy., Vice-Pres. and Offg. Pres., Bharatpur Dist. Congress Cttee.; member, Provincial Congress Cttee.; elected member, C.A., 1948 from Matsya Union; member, A.-I.C.C.; elected to the House of the People from Jaipur-Sawai-Madhopur Const.; Union Dy. Minister of Communications, June '51-May '52. *Publications:* Contributions in local Hindi journals. *Recreations:* Music; outings in forests. *Club:* Krishna Club. *Address:* 9, Windsor Place, New Delhi.

BAJPAI, Sir Girja Shankar, B.A. (Oxon.), B.Sc. (Allahabad), K.C.S.I., K.B.E., C.I.E., I.C.S., Governor of Bombay, since May 1952. *b.* April 3, 1891; *Educ.:* Muir Central Coll., Allahabad and Merton Coll., Oxford. Entered I.C.S., 1915; Under-Secy., U.P., 1920-21; Secy. for India at Imperial Conference, 1921 and at Conference for Limitation of Armaments, Washington, 1921-22; on deputation to the Dominions of Canada, Australia and New Zealand, 1922; Under-Secy. and Dy. Secy., Govt. of India, Dept. of Education, Health and Lands, 1923-26; deputed to South Africa, 1925-26; Secy., Govt. of India, 1927-29 and 1932-40; deputed to Geneva, 1929 and 1930 and to the Indian R.T.C., 1930 and 1931; Adviser to Indian Delegation to Imperial Conference, 1937; Member, Viceroy's Executive Council, 1935-36 and 1940-41; A. G. for India in U.S.A.; Charge d'Affaires, Indian Embassy in Washington, 1946-47; India's Representative on Council of UNRRA, 1941-46; Leader of India Delegation Conference on Civil Aviation, Chicago, 1944, and to F.A.O. Conference, Quebec, 1945; First Alternate Delegate, Economic and Social Council, U.N. 3rd Session, 1946; Indian Rep., opening meetings of Advisory Cttee. on Permanent Hqrs., U.N., 1947; Adviser to P. M. at C'Wealth Confce., Oct. 1948, April 1949 and Jan. 1951; on deputation to Security Council, U.N. for discussion of Kashmir dispute, March-April and Nov.-Dec. 1948 and Dec. 1949; Secy.-General, External Affairs and Commonwealth Relations, Govt. of India, June 1947-May 1952; led the Indian delegation to the talks on Kashmir affairs at Geneva under U.N. auspices, Feb. 1953. *Address:* Raj Bhavan, Bombay.



BAJWA, Gurbachan Singh, B.A. (Punjab), LL.B., Minister for Public Works & Projects, and Local Self-Govt., Punjab (1), since June 1952; Advocate. *b.* June 1900, *s.* of late Lt.-Col. Ishar Singh of the Kashmir Army; *m.*, *g.d.* of S. S. Amar Singh Zalldeh of Daska, Dist. Sialkot; five *s.* and three *d.*; *Educ.:* Khalsa Coll., Amritsar; graduated from Murray Coll., Sialkot; started legal practice at Narowal & Sialkot; member, Sialkot Dist. Board, 1935-47; its Vice-Chairman for two years; was elected an M.L.A. from Sialkot Sikh (Rural) as an independent, 1946; was Parliamentary Secy., Development in the Khizar Ministry; Minister, East Punjab, 1949-50; re-elected M.L.A. on Congress ticket from Batala Constituency in the 1952 elections. *Address:* Chandigarh; Batala, Dist. Gurdaspur.

BAKHLE, Kamalaker Chintaman, B.Sc. (Hons.) (Eng.), London, Member of Institute of Transport, Member of Institution of Engineers (India), Fellow of the Permanent Way Institution; Director, Tata Industries Ltd., Member, Air India International Corporation, since July 1953. *b.* Nov. 17, 1898, 2nd *s.* of Colonel C. R. Bakhle, I.M.S. (Retd.); *m.* Lilabai Deuskar; one *s.* and two *d.*; *Educ.:* Dulwich College, University College, London. Joined G.I.P. Railway as Assistant Engineer, March 1, 1924; retired as Chief Commissioner of Railways, Govt. of India, June 30, 1951; Managing Director, Air-India Ltd. and Air India International Ltd., 1951-53. *Clubs:* Willingdon Sports and Cricket Club of India, Bombay; Delhi Gymkhana Club, New Delhi. *Address:* C/o Air-India International Corporation, New India Assurance Building, Mahatma Gandhi Road, Bombay.

BAKSHI, Ghulam Mohammed, Chief Minister, Jammu and Kashmir, since Aug. 9, 1953. *b.* July 1907. Began life as a school teacher; served with the Local Branch of the All India Spinners' Assoc.; courted imprisonment four times during the freedom movement in the State; jailed for 16 months, 1934; worked underground during the movement for Responsible Govt. in Kashmir, 1938; took a prominent part in mobilising Indian opinion from outside the State during the "Quit Kashmir" movement; Deputy Chief Minister in charge of Police, Military, Transport, Supplies and Labour in the Sheikh Abdulla Cabinet till Aug. 8, 1953. *Address:* Srinagar.



BAL, Lieut.-General Tara Singh, Quartermaster-General, Indian Army, since Oct. 1953. *b.* of 'Bal' family with military traditions. Commissioned from Sandhurst, February 1926; served with King's Royal Rifles (British Bn.) for one year; joined the Indian Army a year later; was with 7th Light Cavalry for 12 years; commanded a Squadron of 3rd Cavalry training group, 1939; joined the Staff College, Quetta, 1940; held staff appointments at the G.H.Q., Delhi, for two months; was D.A.A., Q.M.G., Arakan and Assam Front; served with Poona Horse in Cyprus for a year during the Second World War, 1939-45; commanded 7th Light Cavalry, May 1947; took over command of 19 Ind. Infantry Brigade, Agra, 1947; was Commander, First Indian Armoured Brigade, Jhansi; was G.O.C., Delhi Area; was Deputy Corps Commander, 5 Corps; G.O.C., 21, L. of C. Area. *Address:* Army Headquarters, New Delhi.

BALAGUER, Rev. Melchior M., S.J., Ph.D., D.D., Ph.D. (London), Principal, St. Xavier's College, Bombay, since 1949. *b.* May 15, 1900; *Educ.:* Barcelona (Spain), Stonyhurst (England), Dublin and London. Prof. of Philosophy, St. Xavier's College, Bombay, since 1937; Vicar-General of the Archdiocese of Bombay, 1939-48. *Address:* St. Xavier's College, Cruickshank Road, Fort, Bombay.

BALAKRISHNAIYA, Mr. Justice Nagesh, B.A., LL.B., Judge, High Court of Mysore, since June 14, 1948. *b.* Nov. 22, 1894, *s.* of Nagappa and Smt. Rangamma; *m.* Smt. Narayanamma; four *s.* and five *d.*; *Educ.:* Bangalore and Bombay. Was in the Govt. Gazetted service in the Revenue Dept., 1919-21 and Judicial Dept., 1926-27; resigned; practised as an Advocate in the Mysore High Court, 1921-48; member, Bangalore City Corpn. for ten years; its Mayor, 1938 and 1939; member, Mysore Leg. Council and later of the Mysore Rep. Assembly (House of the People); member, Senate and Syndicate, Mysore Univ., 1939-45; was elected Pres., Mysore Adult Edn. Council for five years; ex-member, Red Cross Assoc.; Vice-Pres., Dist. Scout Council; appointed Chairman, Cttee. for the Prohibition of Beggary in the State, 1941; was closely connected with a number of educational institutions, students' hostels and banking and industrial concerns; toured round Europe and U.S.A., 1950. *Address:* 'Homestead', Seshadripuram, Bangalore City.

BALAMANI Amma, Shreemati N., Writer. *b.* July 19, 1909, *d.* of C. K. Raja and Smt. Kochukutty Amma; *m.* V. M. Nair, Oct. 19, 1928; two *s.* and two *d.*; *Educ.:* Privately. Only literary career. *Publications:* *Mother* and ten other volumes of poems. *Recreation:* Reading. *Address:* "Sarvodaya," Punnayurkulam P.O., Malabar.

BALAN, P. V., M.S.R., Radiographer, X-Ray Technician. *b.* 1921; has been practising Medical Radiography since 1941; served in World War II; has done work in Mass Radiography; is at present engaged in organizing a society of Radiographers in India, to promote the science and the art of Radiography and Radiotherapy in all its branches in this country; is now serving the Medical Department of the Tata Iron & Steel Company, Limited, Jamshedpur. *Address:* X-Ray Department, Tata Main Hospital, Jamshedpur, Bihar.



BALRAMPUR; Maharaja Sir Pateshwari Prasad Singh Sahib, Kt. (1941), K.C.I.E. (1946), Maharaja of Balrampur Raj; Owner of the premier taluqdari estate in Oudh, situated mainly in Gonda, Bahraich, Lucknow, Fyzabad and Partabgarh Districts. *b.* January 2, 1914, *s.* of the late Maharaja Bahadur Sir Bhagwati Prasad Singh, K.C.I.E., K.B.E., who died in 1921 and *g. s.* of the late Maharaja Sir Digbijal Singh Bahadur, K.C.S.I., who rendered loyal service to Government and enjoyed a salute of nine guns; *Educ.:* Privately and the Chiefs' Mayo College, Ajmer; *m.* Maharani Shrimati Raj Lakshmi Kumari Devi, *d.* of H. H. the late Maharaja Sir Chundra Shamsher Jung Bahadur Rana, G.C.B., G.C.N.G., G.C.S.I., G.C.V.O., D.C.L., ex-Prime Minister and Supreme Commander-in-Chief of Nepal, November 1932. Invested with full administrative powers on 22nd March, 1937; is a Janwar Rajput, and his ancestors migrated from Pawagarh (Gujerat) in the 16th century. *Address:* P. O. Balrampur, District Gonda, U.P., Rly. Station Balrampur, N.-E. Rly.

BANDYOPADHYAYA, Smarajit, M.A., B.L., Deputy Minister, Food Branch of Food, Relief and Supply Dept., West Bengal. *b.* 1910, *s.* of Bakkeswar Bandyopadhyaya and Smt. Sjfa Indu Nivanani Devi; *m.* Smt. Aparna Devi; *Educ.:* C.M.S. St. John's H. E. School, Krishnagar; Krishnagar Govt. Coll.; Vidyasagar Coll., Calcutta; Univ. Law Coll., Calcutta. Joined student and revolutionary movement; Secy., Nadia Dist. Students Assoc. branch of A.B.S.A., 1930; imprisoned for leading student movement during C. D. Movement of 1930; imprisoned in No-tax Campaign, 1932; was interned; Secy., Town Congress and Asstt. Secy., Dt. Congress, 1934-36; Secy., Dt. Congress Cttee., 1937-38, 1940 and 1950-52; detained as Security Prisoner during Aug. Revolution, 1942-45; connected with Trade Union, Cultural and Social organisations of the Dist.; Editor of a fortnightly journal and correspondent of many

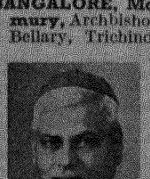
Bengali and English Calcutta Dailies and News Agency; was Pres., Dt. Journalists Assoc.; member, P.C.C. since 1934. *Address:* (*Office*) 11A, Free School Street, Calcutta; (*Residence*) P.O. Krishnagar (Nadia Dist.).

BANERJEE, Mr. Justice Sambhunath, M.Sc. (First class first), LL.D. (Calcutta Univ.), Bar-at-Law, Judge, High Court, Calcutta; Vice-Chancellor, Calcutta Univ. *b.* October 1892, *s.* of late Bindulal Banerjee, Zemindar, Birbhum; *m.* Susama Debi, *g.d.* of Raja Piary Mohan Mukerjee, C.S.I., Uttarpara, Hooghly; *Educ.:* Scottish Churches' College; Presidency College; University Law College; Grays Inn, London (First class in Hindu Law and Constitutional Law); Professor of Mathematics, Scottish Churches' Coll. and Ripon Coll.; Professor of Law, Ripon Coll., Calcutta; Advocate, Calcutta High Court. *Recreations:* Music; Mathematics. *Address:* 7, Keyatola Lane, Ballygunj, Calcutta.

BANERJI, Amiya Charan, I.E.S. (Retd.), M.Sc., M.A. (Cantab.), F.R.A.S. (Eng.), F.N.I., Wrangler Math. (Cantab. 1918), Vice-Chancellor, Allahabad University. *b.* 23rd Sept. 1891; *m.* Probha Neogy (1921); *Educ.:* Zilla School, Bhagalpur; Presidency College, Calcutta; Clare College, Cambridge; Behar Govt. Scholar to Cambridge, 1915. Foundation Scholar, Clare College, Cambridge. Professor and Head of Department of Mathematics, 1923-51, Dean, Faculty of Science, 1941-44 and 1950-51; President, Secondary Educational Conference, U.P., 1938 and 1943; Hon. President, National Academy of Science, Allahabad, 1947-48; Vice-President, National Institute of Sciences (India); Member of the International Astronomical Union; First President of Mathematics section of Indian Science Congress; Pres.: Banaras Mathematical Society, 1942-45; Calcutta Mathematical Society, 1945-47; University Teachers' Assoc. Allahabad, 1947-49; Associate Editor in Mathematics for Indian Science Abstracts. *Publications:* Several research papers in Hydrodynamics, Nuclear Physics, Wave Mechanics, Relativity and Expanding Universe, Galactic Dynamics and Astronomy. *Address:* Gyan Kutir, Beli Road, Allahabad.

BANERJI, S. K., I.C.S., Ex-Deputy High Commissioner for India in Pakistan, Lahore, *b.* October 21, 1913; *m.* Smt. Gauri, *d.* of A. C. Chatterjee (lately General Manager, Central Railway); one *s.* and one *d.*; *Educ.:* Allahabad Univ. and New College, Oxford. Joined the Indian Civil Service, 1937 and served in Madhya Pradesh as Asstt. Commissioner; Deputy Commissioner (since April 1942) at Khandwa, Balaghat, Nagpur and Akola and Secretary to Govt. since 1946; selected for the Indian Foreign Service, 1947 and served in the Embassy of India, Teheran, as First Secy., and later as Charge d'Affaires; has been Deputy Secy. to the Govt. of India in the Ministry of External Affairs, March 1949 to May 1951. *Address:* C/o External Affairs Ministry, New Delhi.

BANGALORE, Most Rev. Thomas Pothacamury, Archbishop of. *b.* Sept. 2, 1889; *Educ.:* Bellary, Trichinopoly and Papal Seminary, Kandy. Ordained priest at Kandy, Dec. 17, 1916; Asstt. Priest at Royapuram, Madras, Jan. 18, 1917 and worked in several parishes of Madras till 1940; Editor, Madras Weekly, the *Catholic Leader* named later the *New Leader*, 1921-40; First Secy., Catholic Educational Council of Madras Presidency, 1926; later Vice-President; Hony. Chamberlain to H.H. the Pope, 1934; Domestic Prelate, July 15, 1938; appointed Bishop of Guntur, April 9, 1940, consecrated in Madras, June 29, 1940; translated to the See of Bangalore, Oct. 15, 1942, took charge Jan. 31, 1943; elected Gen. Secy., Catholic Bishops' Conference of India, Sept. 1944; visited Europe, 1933, Europe and America, July 1939 to March 1940 and travelled extensively in England, Ireland, Belgium, France, Italy and U. S. A., 1946-47; visited Rome for the Holy Year, 1950 and several European Countries including England; visited Rome, Jan. 1950; Australia, Fiji Islands and U.S.A., April-Aug. 1953; nominated first Archbishop of Bangalore with the suffragan Sees of Mangalore, Mysore and Bellary, Sept. 19, 1953. *Address:* Archbishop's House, 20, Miller's Road, Bangalore 1.



BANTHIA, Seth Champalal, Partner of Messrs. Hamirmull Champalal, 2, Rajawoodmunt Street, Calcutta. *b.* Dec. 15, 1902, *s.* of Seth Hamirmulji Banthia; *m.*; has two *s.* and three *d.* Has considerable interest in the concerns of Kassels Ltd., Matchwel Electricals (India) Ltd., Delhi, the Rampuria Ice Factory Ltd., Bikaner; and Bikaner Gypsums Ltd.; Director in all the above concerns; has huge landed property at his native town of Bhinasar and in Bikaner. Trustee and Secy., Shri Jawahar Vidyapith; President, Municipal Board, Bhinasar; Ex-Honorary Magistrate; member of former Bikaner State Legislative Assembly; had received many high honours from the Government of His Highness the Maharaja of Bikaner, like hereditary right to wear Gold Anklet, KAIFIYAT (CHHARI) Chapras and Public Service Medal; has been playing a prominent part in the social field; initiated a big campaign in 1943 for the prevention of minors being made sadhus and received good support from all the leading political, social and religious leaders of India; was recently the recipient of a Gold Medal for meritorious service rendered to the Jain Samaj of Bikaner; was recently elected Pres., All-India Swetambar Sthanakvasi Jain Conference held at Sadri (Marwar). *Address:* Bhinasar (Bikaner).



BAPAT, Shriram Balkrishna, B.Sc. (Bom.), B.A. (Cantab.), Bar-at-Law, I.C.S., Joint Secretary, Ministry of Home Affairs and Establishment Officer to the Govt. of India and Principal, Indian Administrative Service Training School, New Delhi. *b.* August 22, 1906, *s.* of B. S. Bapat, Advocate, Amraoti, M.P.; *Educ.:* Fergusson College, Poona; Royal Institute of Science, Bombay; Emmanuel College, Cambridge; School of Oriental Studies, Middle Temple, London. Held various posts in the Indian Civil Service under the Bengal Government and the Central Government. *Recreations:* Billiards and Amateur Dramatics. *Clubs:* Calcutta Club, Calcutta and Delhi Gymkhana Club, New Delhi. *Address:* Ministry of Home Affairs, Government of India, New Delhi.

BARLINGAY, Dr. Waman Sheodas, B.A. (Nagpur), M.A. (Lond.), Ph.D. (Lond.), Bar-at-Law, Ex-Minister, Madhya Pradesh. *b.* January 15, 1904. *m.* Shantabai, *d.* of Pralhad Ramchandra Deshpande of Sindi in Wardha District; *Educ.:* Patwardhan High School and Morris College, Nagpur, 1913-24; Univ. Coll., London, 1924-30; Cambridge, 1928-30. Began practising at the Nagpur Bar in 1930; courted imprisonment in 1932 and again from Aug. 1942-Jan. 1944 in various jails in connection with Congress movement; suspended from practice between 1932 and 1935; member of various Univ. bodies since 1930; elected member of the Prov. Leg. Assembly, 1946; Public Health Minister, M.P., 1946-52. *Publications:* Several articles on the "Status of Sense—Data" in the Nagpur Univ. Journal. *Address:* Dharampeth, Nagpur.

BARODA: Capt. His Highness Furzand-I-Khas-I-Dowlat-I-Englishia, Maharaja Fatesingrao Gaekwad of, does social work in former Baroda State. *b.* April 1930, *s.* of His Highness the Maharaja Sir Pratapsinghrao Gaekwad and Her Highness Maharani Shantadevi Gaekwad of Baroda; *m.* Princess Rajendra Kunwar of Jodhpur, April 1950; *Educ.:* Privately. Is doing social work in the former Baroda State. *Recreations:* Shooting, Cricket, Tennis, Table Tennis, Indian Classical Music, Farming, etc. *Clubs:* N. S. C. I.; Shri Sayaji Vihar Club; Maharaja Pratapsingh Coronation Gymkhana; Rajputana Club, Abu; Bombay Presidency Radio Club. *Address:* Laxmi Vilas Palace, Baroda.



BARTOS, John Frank, Managing Director, Bata Shoe Co., Ltd., Calcutta; also Director in other Bata Companies in Far East. *b.* November 21, 1900 in Zlin, Czechoslovakia, British subject; *Educ.:* in Czechoslovakia and U.S.A. Started his career in Bata organisation in Zlin; came to India in 1933 and assumed charge of Bata organisation here; built up Batanagar, an industrial town 12 miles south of Calcutta; connected with various public bodies and organisations; Pres., Rotary Club; Member, Calcutta Club, etc.; Vice-President, Bengal Olympic Association; Vice-Patron, City Athletic Club, Calcutta. *Publications:* *Evolution of Indian Shoemaking*—an outline of the history of shoemaking in India. *Address:* 5, Mayfair, Calcutta 19.



BARUA, Dr. Birinchi Kumar, M.A., B.L., Ph.D. (Lond.), Writer in Assamese and English; Professor and Dean of the Faculty of Arts, Gauhati University. *b.* Nov. 20, 1910, *s.* of late Bejoyram Barua; *m.* Smt. Shantichaya Barua; two *s.*; *Educ.:* Calcutta, London, Upsala (Sweden). *Publications:* *Assamese Literature* (P.E.N. publication); *A Cultural History of Assam*; *Studies in Early Assamese Literature*; *Jibanar Batat* (a novel in Assamese). *Address:* Gauhati, Assam.

BARVE, Sadashiv Govind, B.A. (Bombay), B.A. (Cantab.), Economics Tripos, I.C.S.; Joint Secretary, Ministry of Finance, Govt. of India. *b.* April 27, 1914, *s.* of Rao Bahadur G. R. Barve; *Educ.:* Fergusson College, Poona; St. John's College, Cambridge. Joined I.C.S., 1936; appointed Under-Secretary, Home Department, 1939; Deputy Secy., Home Dept. and Deputy Secy., Food Dept., 1940-45; Collector of Dharwar, Ahmedabad and Poona Districts, 1945-48. Commissioner, Poona Corporation. *Clubs:* Poona Club; Club of Maharashtra; Mahableshwar Club; Cricket Club of India. *Address:* Imperial Gymkhana, Delhi; Secretariat, New Delhi.

BARWANI (Madhya Bharat): His Highness Maharana Saheb Shrimant Devi Singhji Bahadur, Maharana of. *b.* July 19, 1922, the Maharanas being Sisodia Rajputs belonging to the Udaipur Ruling Family, who were separated from the parent stock about the 14th century; *m.* Shreemati Dilher Kunwarba Sahiba, niece of H. H. Maharao Saheb of Kutch, May 1943; *Heir-Apparent:* Maharajkumar Shreemant Anirudh Singhji Sahib, *b.* May 21, 1944; *Educ.:* Daly Coll., Indore, passed the Diploma Exam., 1939, and Intermediate Exam. from Indore Christian



Coll.; joined the Officers' Training Course and received military training for six months; received judicial and administrative training and also training in agriculture at the Institute of Plant Industry, Indore. Ascended the *Gadi*, April 21, 1930; invested with full ruling powers, Oct. 18, 1942. Had his State, with an area of 1,178 sq. miles, a population of approximately 2 lakhs and a revenue of about Rs. 18 lakhs, situated in Central India, now a part of Madhya Bharat Union, merged along with the other Indian States, which have acceded to the Indian Union. Entitled to a salute of 11 guns. *Address:* Barwani (Madhya Bharat).

BASHIR, Sheikh Mohammed, Managing Director, Juggilal Kamlapat Iron and Steel Co., Ltd.; Partner, Indian National Tannery and Proprietor, Auto Service Garage, Kanpur. *b.* September 1902, *s.* of late Hon'ble Khan Bahadur Haji Hafiz Mohamed Halim; *m.*; Four *s.*; *Educ.*: B.Sc., Allahabad; B.Com. (Lond.), F.R.E.S., Bar-at-Law (Middle Temple), Member, Municipal Board and Ex-Member, Kanpur Development Board; Ex-Director, Reserve Bank of India (Northern Delhi area); Member, Iron and Steel Panels (both Major and Minor) of Govt. of India for Post-War Development; Ex-President, Rotary Club of Kanpur and Merchants' Chamber of U.P.; was Honorary Magistrate; Captain, Indian Gymkhana Club in London, 1924 and 1925. *Recreations:* Shooting, Cricket and Tennis. *Address:* Bashir Lodge, Kanpur.



BASU, Anath Nath, B.A. (Cal.), M.A. (Lond.), M.Ed. (Winnetka, U.S.A.), Principal, Central Institute of Education; Dean of the Faculty of Education, University of Delhi. *b.* Feb. 26, 1900, at Bhagalpur, Bihar, *s.* of Charuchandra Basu, and Ferozekumari Basu; *m.* Sushila (née Ghose); one *s.* and one *d.*; *Educ.*: Calcutta Univ.; London Day Training Coll. and King's Coll.; London Univ.; Graduate, Teachers' Coll., Winnetka, U.S.A. Joined Non-Co-operation Movement; later joined the Staff of the Visva Bharati, Santiniketan. Represented the Govt. of India at the 11th International Conference on Public Education in Geneva, 1947; was Group Chairman, UNESCO Seminar at Mysore, 1949; invited by the British Council to tour in Great Britain to study the British system of education; acted as Group Leader, UNESCO Seminar on education in world Citizenship held in Netherlands, July 1952; acted as member-secretary, Secondary Education Commission set up by the Univ. of Education, 1952-53. *Publications: Education in Modern India, A Review; University Education in India, Past and Present; Primary Education in India; Mirobai*; etc. *Recreations:* Art; Literature; Handwork. *Address:* Central Institute of Education, Probyn Road, Delhi 9.

BASU, Jyoti, B.A., Bar-at-Law; Communist leader, M.L.A. (West Bengal). *b.* July 8, 1914, *s.* of Dr. N. K. Basu; *m.* Smt. Kamal Basu; *Educ.*: St. Xavier's Coll. and Presidency Coll., Calcutta. Barrister, Calcutta High Court; member: Communist Party of India, since 1940; Political Bureau of the Central Cttee. of the C.P.I.; Working Cttee., A.I.T.U.C.; Pres., B. & A. Railroad Workers' Union; Secy., Bengal Provincial T.U.C.; detained twice under the West Bengal Preventive Detention Act, 1948 and 1950. *Address:* 55, Hindusthan Park, Ballygunge, Calcutta.

BASU, Satyendra Kumar, Natural Sciences, Tripos (Cambridge), Barrister-at-Law (Inner Temple), Minister, Judicial & Legislative Department, Govt. of West Bengal. *b.* Nov. 2, 1903, *s.* of Dr. Harilal Basu (deceased), Civil Surgeon, Burma and Smt. Urmila Bala Basu; *m.* Smt. Malina Basu; four *d.*; *Educ.*: London & Cambridge. *Recreations:* Indoor games, hiking, angling and shooting. *Address:* 10, Mohan Chand Road, Kidderpore.

BASU, Sukumar, C.I.E. (1944), O.B.E. (1941), I.C.S., Chairman, Public Service Commission, West Bengal, since Nov. 1950. *b.* 1900, *s.* of Girija Prasanna Basu of Calcutta; *m.* Smriti, *d.* of Jnanendra Nath Ghosh of Govindadham, Bengal, 1923; *Educ.*: Calcutta Univ., Jesus Coll., Oxford. Magistrate and Collector, Midnapore, 1933-34; Dep. Secretary, Government of Bengal, Finance, Commerce and Marine Depts., 1934-35; Dep. Secy., Govt. of India, Education, Health and Lands Dept., 1942-44; Secy., Food Advisory Council, Govt. of India, 1942, and Secy., Govt. of Bengal, Agriculture Dept., 1944-47; Joint Vice-Chairman and Vice-Chairman, Indian Council of Agricultural Research, Dept. of Agriculture, Govt. of India, Jan. to Oct. 1947; Joint Secy., Ministry of Agriculture, Govt. of India, 1947-50; Secy., Ministry of Agriculture, Govt. of India, Dec. 1947; member, Foodgrains Policy Committee, Govt. of India, 1943; Delegate to the Food and Agriculture Organisation Conference held at Copenhagen, Sept. 1946. *Address:* Public Service Commission, West Bengal, Calcutta 27.

BATLEY, Claude, F.R.I.B.A., F.I.I.A., Partner, Gregson, Batley and King, Chartered Architects. *b.* Oct. 1879; *Educ.*: Queen Elizabeth's School, Ipswich. Articled in Ipswich; practised in Kettering, Northants and in London up to 1913 and in Bombay thereafter. Prof. of Architecture, Sir J. J. School of Art, Bombay, 1924-43. *Publications: The Design Development of Indian Architecture* (in three volumes, 1934, second edition, 1940, in one volume), Oxford Pamphlet on Architecture in Indian Affairs series, *Bombay Houses and Homes*, Bombay Citizenship series, National Information and Publications Ltd., Bombay and sundry articles and papers both in England and India on architectural subjects. *Address:* Chartered Bank Building, Bombay.

BATRA, Ratan, Artist. *b.* Sept. 14, 1912, in Amritsar; *Educ.*: in Lahore and later in the Mayo School of Art; was one of the six art students to work on the frescoes (Moghul Style) in the domes above the main entrance of the south block of the Indian Secretariat, Delhi; recipient of a merit scholarship and John Lawrence scholarship for 3 years; won a prize of the Punjab Fine Art Society. Joined the "Times of India," Art Department, 1933; passed meritoriously the Advance Painting Examination of the Sir J. J. School of Art; worked on his own and established Studio Ratan Batra, 1936; later, founded Ranjit Sales and Publicity Ltd.; was associated with the Art & Industry Movement, 1945-48; Life member, Art Society of India, Bombay Art Society, All-India Arts and Crafts Society, New Delhi; member, All-India Board of Technical Studies in Applied Art, Ministry of Education, Govt. of India; Indian Society of Oriental Art, Calcutta; Associate Member, The Society for Education in Art, London; member, All-India Assoc. of Fine Arts; Promoter, Commercial Artists' Guild. *Address:* Ilaco House, Sir Phirozshah Mehta Road, Fort, Bombay.

BAVDEKAR, Mr. Justice Rajaram Shripad, B.A. (Bom. & Cantab.), Judge, High Court, Bombay. *b.* Sept. 16, 1898. *Club:* Willingdon Sports Club. *Address:* Crismill, Narayan Dabholkar Road, Malabar Hill, Bombay.

BAYA, Bhurelal, Ex-Minister for Transport, Communications and P.W.D., United State of Rajasthan. *b.* Shravan Shukla 12, Samvat 1961, *s.* of Kanahiyalal Baya; *m.* Shrimati Sohan Devi; four *s.* and two *d.*; *Educ.*: Udaipur and Ratlam. Joined Mewar Govt. service; started practice; started business in Bombay, 1923; joined Bombay Congress, 1928, participated in Simon Commission Boycott Movement and Salt Satyagraha; took part in National Movements of 1932 and 1942; also in Mewar Prajamandal Satyagraha, 1938; jailed four times; one of the founders of the Mewar Prajamandal; was its Vice-Pres., General Secy. and Pres.; worked in the famine stricken area, 1939, and flood affected area, former Mewar State, 1943; widely travelled in India; actively interested in the welfare of aboriginals and criminal tribes of Rajasthan; Pres., Rajasthan Adivasi Mandal; launched Kisan movements in Mewar; became Minister for Jagir and Supplies in the former Union of Rajasthan; took over all powers of jagirdars of Rajasthan. *Address:* Udaipur.

BAZAJ, Lala Gilloomal, Business man and public worker, Kanpur. *b.* Dec. 28, 1901, *s.* of Lala Mahanandramji Bazaj; *m.* Shrimati Hardeviji; one *s.*, Ramkrishna Bazaj. Pres., Regd. Kanpur Kapra Cttee.; General Secretary, Shri Marwari Balika Vidyapith Inter College and Shri Marwari Aushdhalaya Society, Kanpur; Vice-Pres., Marwari Intermediate College; Asstt. Secy., Marwari Library; Treasurer, Kanpur Gaushala Society and Akhil Bhartiya Bal Vidyapith, Kanpur; member, All-India Marwari Federation and Indian Red Cross Society, Dist. Branch, Kanpur; is connected with several other public institutions; selling Agents: Swadeshi Cotton Mills Co. Ltd., Kanpur; Raymond Woollen Mills Co. Ltd., Bombay. *Address:* Gilloomal Jainarain, Generalganj, Kanpur.



BEDEKAR, Gopal Vaman, B.Sc. (Bombay), B.Sc., Eng. (London), I.C.S., Secretary to the Govt. of Bombay, Civil Supplies Dept. *b.* Oct. 10, 1908; *m.* Sumati, B.A., *d.* of Lt.-Col. Gharpurey, I.M.S.; one *d.* and two *s.*; *Educ.*: Miraj High School; Fergusson College, Poona; London University. Joined I.C.S., Nov. 1933; Asstt. Collector, Nawabshah, Sukkur, Mirpurkhas (Sind), 1933-37; under financial training, Nov. 1935-Feb. 1936; Manager, Encumbered Estates and Court of Wards, Sind, 1937-38; Collector, Sukkur, 1938; Registrar, Co-operative Societies, Sind, 1938-41; Collector, Kaira, 1941-43; Additional Director of Civil Supplies, Bombay, May-Nov. 1943; Collector, Thana & Bombay, 1943-46; Deputy Secretary, Govt. of India, Home Dept., 1946-49; Chief Commissioner, Ajmer-Merwara, 1947; Secy., Press Laws Enquiry Cttee., 1948; on Special Duty (Merger of Baroda State), March-April 1949; Secy., Home Dept., Revenue Dept. and P.W.D., 1949-52. *Address:* Secretariat, Bombay.

BEDI, Lt.-Col. Kanwar Daya Singh, Chief Commissioner, Coorg. *b.* Jan. 27, 1899, *s.* of Raja Sir Gurbukhsh Singh Bedi, K.B.E., Kt., C.I.E., of Kallar, District Rawalpindi, Punjab; *m.* Miss Anand Dhall; one *s.*, Tika Aridaman Singh Bedi and two *d.*, Manmohani Kumari and Shiella Kumari; *Educ.*: Early education in Rawalpindi; graduated from the Military Academy in Sandhurst, U. K., July 1921. Commissioned in the Indian Army, 1921; joined the Foreign and Political Department of the Government of India, Sept. 1928; spent the greater part of his official life (1935-1946) on the North-West Frontier and Baluchistan; appointed Political Agent, Quetta-Pishin, Nov. 1938; Political Agent, Loralai (Baluchistan), 1939-41; Political Agent and Deputy Commissioner in Hazara (North-West Frontier Province), Jan. 1942-Sept. 1944; was then appointed as Political Agent, Kurram, the Agency bordering on Afghanistan; Political Agent, Orissa States, 1946-47; Regional Commr., Rajputana, 1948; High Commissioner for India in Australia, 1948-March 1950. *Recreations:* Falconry, Polo, Tennis, Hunting and Coursing. *Address:* Mercara, Coorg.

BEG, Mr. Justice Mirza Nasir Ullah, M.A. (Cantab.), Bar-at-Law, Judge, High Court, Allahabad, since 1951. *b.* June 4, 1905. *s.* of Nawab Mirza Yar Jung Bahadur (Mirza Samiullah Beg), Ex-Judicial and Ecclesiastical Minister, Hyderabad Dn.; *m.* Sayeeda Begum; one *s.* and two *d.*; *Educ.:* Presidency Coll., Madras; Trinity Coll., Cambridge. Started practice, 1930; Asstt. Govt. Advocate, Chief Court of Avadh, 1943-46; Govt. Advocate, Chief Court of Avadh, 1946-48; Govt. Advocate, High Court at Allahabad, 1948-51. *Recreation:* Golf. *Address:* 33A, Stanley Road, Allahabad.

BELL, Thomas, M.I.C.E., M.I.E. (Ind.), F.P.W.I., Chief Engineer, Western Railway. *b.* March 6, 1902, *el. s.* of Mr. and Mrs. Thomas Bell of Oxton, Cheshire; *m.* Grace Eleanor Anderson, *yt. d.* of Mr. and Mrs. C. W. Anderson of Tye Green, Essex; two *s.* and one *d.*; *Educ.:* Birkenhead Institute and Holt Engineering Coll.; pupil to the late B. P. Wall, M.I.C.E., Chief Engineer, Bromborough Dock & Lewis & Harris Welfare and Development Co.; served the B. N. Rly., 1924-50, as Asstt. Engineer, Dist. Engineer, Bridge Engineer, Dy. Chief Engineer, Administrative Officer, Vishakapatnam Harbour and finally Dy. General Manager (Works); Engineer-in-Chief, B.B. & C.I. Rly., 1950-51, when the line was incorporated in the newly formed Western Rly., when designation was changed to Addl. Chief Engineer and later Chief Engineer. *Recreations:* Polo, Tennis. *Club:* Royal Bombay Yacht Club. *Address:* C/o Grindlays Bank Ltd., Bombay.

BELVALKAR, Shripad Krishna, M.A., Ph.D. (Harvard Univ.), I.E.S. (Retd.), Indologist. *b.* Dec. 10, 1880; *Educ.:* Rajaram Coll., Kolhapur and Deccan Coll., Poona and at Harvard. Joined Bombay, Educ. Dept., 1907; Prof. of Sanskrit, Deccan Coll., 1914-1934; Gujarat Coll., Ahmedabad; Univ. Prof. of Sanskrit, Banaras Hindu Univ.; Basu Malik Lecturer on Vedanta Philosophy (Calcutta Univ., 1925); one of the principal founders of the Bhandarkar Oriental Research Institute, Poona, and its Hon. Secy., 1915-18 and 1927-33; General Editor of the B.O.R. Institute's critical edition of the Mahabharata, since April 1943; Editor of the Bhishmaparvan (pub. 1947), and of the Shantiparvan (4 vols. 1949-54); President, All-India Oriental Conference, Twelfth (1943, Banaras) Session; Hon. Fellow of the Royal Asiatic Society, London and of the Bombay Branch of the R.A.S. *Publications:* Systems of *Sanskrit Grammar*; Edition and translation of Bhavabhuti's *Later History of Rama* in the Harvard Oriental Series; English translation of Kavyadarsa; critical editions with notes and translation of the Bhagvadgita, and Brahmasutrabhashya; and (in collaboration with Prof. Ranade) *History of Indian Philosophy*, Vols. 2 and 7; besides, over 120 papers on various aspects of Indology published in Oriental Journals. *Address:* "Bilvakunja," Poona No. 4.

BENTHALL, Sir Edward Charles, Kt. (1933), K.C.S.I. (1945), Chairman, Bird & Co., Ltd., Calcutta, and F. W. Heilgers & Co., Ltd., Calcutta. *b.* November 26, 1893, *s.* of Rev. Benthall and Mrs. Benthall; *m.* Hon'ble Ruth McCarthy Cable, *d.* of first Baron Cable of Ideford, 1918; one *s.*; *Educ.:* Eton (King's Scholar), King's College, Cambridge. Served European War, 1914-19 (wounded); Staff War Office, 1918-19; Director, Imperial Bank of India, 1926-34; Governor, 1928-30; President, Bengal Chamber of Commerce, and of Associated Chambers of Commerce of India and Ceylon, 1932 and 1936; Delegate, Indian Round Table Conference, 1931-32; Director, Reserve Bank of India, 1935-36; Indian Army Retrenchment Cttee., 1931; Council of State, 1932-33; Bengal Leg. Assembly, 1934-35; Bengal Leg. Council, 1937-38; Ministry of Economic Warfare, London, 1940-41; Board of Trade, 1941-42; Member, Governor-General's Executive Council (War Transport), July 1942—June 1946. *Address:* 37, Ballygunge Park, Calcutta.

BERIO, H.E. Signor Alberto, LL.D., Italian Ambassador in India. *b.* March 3, 1900, *s.* of Adolfo, former Vice-Pres., Senate in Italy; *m.* Anne Maria Bianchi D'Espinosa; three children; *Educ.:* Rome; took his LL.D., 1921. 30 years of diplomatic service in Prague, Sofia, Geneva, Ankara, Tangier, Berne and Santiago. *Publications:* *Missione Segreto* (about the Italian Armistice). *Club:* Gymkhana Club. *Address:* 17, York Road, New Delhi.

BHABHA, C. H., M.A., B.Com., J.P., Director, Central Bank of India Ltd., and Oriental Assurance Co. Ltd., etc. Chairman, Eastern Shipping Corporation. *b.* July 22, 1910, *s.* of Khan Bahadur H. K. Bhabha; *Educ.:* St. Xavier's College and Sydenham College of Commerce, Bombay; Fellow of St. Xavier's College (1932-34); Fellow and Lecturer in Banking Law and Practice, Sydenham College of Commerce, Bombay (1932-33). Justice of Peace and Presidency Magistrate (Hony.); Commerce Member, Interim Government of India, September 1946; Member, Works, Mines & Power, Government of India, November, 1946; Commerce Minister, Govt. of India, 15th August 1947; resigned, April 1948; Leader of the Indian Delegation to World Trade Conference, Havana, November 1947; Vice-Chairman, Rural Banking Enquiry Cttee.; Chairman, Company Law Cttee.; elected Vice-President, International World Trade Conference, Havana, November 1947. *Publications:* Contributions to Journals and Newspapers on Banking and Commercial topics. *Hobbies:* Riding, Swimming, Photography. *Address:* C/o The Central Bank of India Ltd., Fort, Bombay.



BHABHA, Homi Jehangir, B.A. (Cantab.), 1930, Ph.D. (Cantab.), 1934, D.Sc. Honoris Causa (Patna) 1944, (Lucknow) 1949, (Banaras) 1950, Agra (1952), F.R.S., 1941, Director and Professor of Theoretical Physics, Tata Institute of Fundamental Research, Bombay; Chairman, Atomic Energy Commission, India. *b.* Oct. 30, 1909; *Educ.:* Cathedral and John Connon High School, Elphinstone Coll., and Royal Institute of Science, Bombay; Gonville and Caius College, Cambridge; in Cambridge he had Rouse Ball Travelling Studentship in Mathematics in 1932, and Isaac Newton Studentship from 1934; held the Senior Studentship of the Exhibition of 1851 from 1936. Became special Reader in Theoretical Physics in 1940 at the Indian Institute of Science, Bangalore; Adams Prize, 1942, Professor in charge of the Cosmic Ray Research Unit, Indian Institute of Science, 1942-45; Hopkins Prize, 1948. *Publications:* Papers on quantum theory, the theory of the elementary physical particles and cosmic radiation. *Address:* Mehrangir, 12, Little Gibbs Road, Malabar Hill, Bombay 6.

BHADERWA: His Highness Shrimant Meherban (Namdar) Thakor Saheb Shree Samarvijaysinhji Natwarsinhji, Thakor Saheb of. *b.* Oct. 21, 1942; succeeded to the *Gadi*, Oct. 8, 1950, on the death of late Thakor Saheb Shri Natwarsinhji Ranjitsinhji; during minority mother Rajmata Shree Jijirajkunverba Saheb has been recognized by the Govt. of India as guardian. A jurisdictional State having an income of about three lakhs since integrated with the State of Bombay and placed in the Baroda Dist.; gets a privy purse of Rs. 46,460. *Address:* Palace, Bhaderwa (Rewakantha).



BHADRAVADI, H.E. Mr. Luang, LL.D. (France), Ambassador of Thailand to India, since 1953. *b.* Feb. 19, 1904; *m.* Magdeleine Marten; *Educ.:* LL.D. from Univ. of Poitiers, France, 1929. Attaché, Royal Thai Legation, London, 1929; 3rd Secretary, 1932; 2nd Secretary, 1936; 1st Secretary, 1937; Chargé d'Affaires at the Hague, Brussels and Paris, 1938; Chargé d'Affairs, London, 1939; Counsellor of Embassy, Ministry of Foreign Affairs, Bangkok, 1947; Director-General, Eastern Political Affairs Department, 1948; Envoy Extraordinary and Minister Plenipotentiary to the Philippines, 1949. *Publications:* *La succession ab intestat dans le Droit Siamois*, 1929. *Recreation:* Tennis. *Clubs:* Delhi Gymkhana Club. *Address:* Royal Thai Embassy, 15, Aurangzeb Road, New Delhi.

BHAGAT, Jashwantlal Vrindavandas, B.A., Business man; Proprietor, Jashwantlal V. Bhagat, Share, Stock and Finance Broker, Bombay. *b.* June 5, 1912; *Educ.:* F. Y. Arts, St. Xavier's Coll., Bombay; graduated from Wilson Coll., Bombay, 1934; took part in Dramatics, Elocutions, etc.; was Secy. of important Associations in the College. Joined the Congress movement, 1930; worked with Shri Umashankar Dikshit, Yusuf Meherally, etc. in the Shadow Cabinet; was Hon. Secy., Bombay Students' Brotherhood; Progressive Group, Bombay for two years; member, Managing Cttee., Radio Club and the W.I.A.A. Club Ltd.; Hon. Secy. and Treasurer of the International Social Club; Member: Cttee., Amateur Cine Society; Wilsonian Assoc., etc.; Dir., Bombay Stock Exchange Governing Board; Member: Sub-Cttees., Indian Merchants' Chamber; Finance, Banking, General Purposes and Income Tax; Cttee., Democratic Group; Central Cttee., All-India Manufacturers' Organization; Central Cttee., Indian Council of Foreign Trade; was partner for 10 years with Shri Pranlal Devkaran Nanjee in Messrs. Devkaran Nanjee, Share Dept. *Recreations:* Tennis, Badminton. *Hobby:* Photography. *Address:* 5, Hanuman Street, Fort, Bombay 1.



BHAGAVANTAM, S., M.Sc. (Madras), Hon. D.Sc. (Andhra), Vice-Chancellor, Osmania University. *b.* Oct. 14, 1909, *s.* of S. V. S. Sastri and Smt. Seetamma; *m.* Smt. Sitamahalakshmi; four *s.* and one *d.*; *Educ.:* Nizam Coll., Hyderabad; Indian Assoc. for the Cultivation of Science, Calcutta. Professor of Physics and Principal, Univ., Waltair; Indian Scientific Liaison Officer, B.C.S.O., London; Director, Physical Laboratories, Osmania Univ., Hyderabad. *Publications:* *Scattering of Light and Raman Effect* and *Theory of Groups and Its Application to Physical Problems*. *Address:* Vice-Chancellor's Lodge, Hyderabad 7.

BHAGWATI, Mr. Justice Natwarlal Harilal, M.A., LL.B., Judge, Supreme Court of India, New Delhi, since Sept. 8, 1952. *b.* August 7, 1894; *m.* Saraswati Natwarlal Bhagwati; *Educ.:* Baroda Coll. and Govt. Law Coll., Elphinstone Coll., Bombay. Senior Daxina Fellow, Elphinstone Coll., Bombay. Advocate (O.S.), High Court, Bombay; some time Professor, Government Law Coll., Bombay; some time member of the Bar Council; Vice-Chancellor, Univ. of Bombay, 1949-51; Judge, Bombay High Court, 1944-52. *Publications:* Translation into Gujerati of Y. L. Mehta's *Co-operative Movement*, for the Gujerat Vernacular Society. *Address:* Anand Bhuvan, Babulnath 2nd Cross Road, Chowpatty, Bombay 7; Supreme Court, New Delhi

BHAIRUN, Singhji Bahadur, Colonel Maharaj Sri Sir, K.C.S.I., A.D.C., Thikana Tejrasar, Bikaner, Rajasthan. *b.* Sept. 15, 1879; one son, Rajkumar Sri Ajit Singhji Sahib, B.A. and two *g. s.*, Bhanwar Sri Pratapsinghji Sahib and Bhanwar Sri Rupsinghji Sahib. *Educ.*: Mayo Coll., Ajmer. Appointed Companion to H.H. the Maharaja of Bikaner, 1895; accompanied him in his Indian tour in 1896; appointed Member of State Council, 1898 and was from time to time Personal Secretary to His Highness; Senior Member of Council and Vice-President of Council and of last Cabinet, and Prime Minister, Bikaner; also acted as President of Council during H.H.'s visits to Europe; Hon. Col. of the Sadul Light Infantry; uncle of H.H. the Maharaja. *Publications*: Bhairubbinod and Rasikbinod. *Address*: Bhairavbilas, Bikaner, Rajasthan.

BHAKTAVATSALAM, M., Minister for Agriculture, Industry, Labour, Govt. of Madras. *b.* 1897. Gave up practice at the Bar, 1927; was connected with "India", a Tamil daily; Deputy Mayor, Madras Corporation, 1936; was member and Vice-President, Chinglepet District Board for 6 years from 1932; Vice-President, Tamil Nad Congress Committee, 1935; acted as Secretary, Tamil Nad Congress Committee for a number of years; member, All-India Congress Committee; Parliamentary Secretary to the Minister for Local Administration in the first Congress Ministry, 1937; Public Works Minister, Madras, 1946-51; Convener, Bharat Seva Samaj (Tamil Nad Branch). *Address*: "Mallika", Mylapore, Madras.

BHALLA, Tejasvi Prasad, M.A., LL.B., Inspector-General of Police, U.P. Holder of King's Police Medal (1928) and Indian Police Medal (1947). *b.* January 11, 1899. *s.* of Har Prasad Bhalla; *m.* Shrimati Jamuna Devi; Four *s.* and one *d. Educ.*: Govt. High School, Lakhimpur-Kheri (U.P.) and Canning College, Lucknow and subsequently the Lucknow University. Joined the Indian Police Service; held charge of important Districts in the U.P., *e.g.*, Allahabad; was Anti-corruption Officer; served on the staff of the I.G.P. & C.I.D., U.P.; Transport Commissioner, U.P.; Secretary Member of Criminal Tribes Cttee., Anti-corruption Cttee., Economy Insurance & Resources Cttee.; Member, Bureau of Research on Public Administration, U.P.; member, Transport Cttee., U.P.; Director-General, Civil Aviation. *Recreations*: Reading, research, chess, bridge and riding. *Clubs*: Allahabad Club, Mahomed Bag Club, Lucknow, Delhi Gymkhana Club. *Address*: I. G. of Police, U.P., Lucknow.

BHAN, Pandit Durga Prasad, Oriental Astrologer and Director, Bhrigu Institute of Scientific Astrological Research. *b.* Aug. 13, 1910, of an ancient family of Jagirdars, Gwalior; *m.* Smt. Shakuntala Devi, sister of Raj Bahadur, Deputy Minister for Communications, Govt. of India; three *s.* and one *d.*; *Educ.*: Victoria Coll., Gwalior, 1927-30. Has been doing research work on scientific lines in Astrology, Numerology, Mole Science, Physiognomy and Palmistry; is a pioneer in the field of astrology; claims many of his predictions have proved correct; as Director, Bhrigu Institute of Scientific Astrological Research, is actively engaged in raising the science of astrology to further standards of perfection. *Publications*: (In Press): *Can heavenly stars influence your Destiny? Is Astrology a perfect Science?*; *How to predict about a man, a nation and the world as a whole?*; *What are the Inner Secrets of the Nine Planets of the Astral World? Recreations*: Reading books on other worlds written in Sanskrit by the Great Rishis of ancient India. *Address*: P.B. No. 719, New Delhi 1.



BHANDARI, Chief Justice Amar Nath, B.A. (Hons.), Bar-at-Law, Chief Justice, High Court, Punjab (India), since 1952. *b.* November 21, 1899, *s.* of Rai Bahadur Naubat Rai; *m.* Padma Sahgal (Kaiser-i-Hind Medal); two *s.* and one *d.*; *Educ.*: Punjab and Oxford Universities. Entered Indian Civil Service, Oct. 1924; Dy. Commissioner, Gujrat, Sialkot & Karnal (1929-32); Sessions Judge, Montgomery and Delhi (1933-39); Dy. Secy. and Secy. to Govt., Punjab Legislative Dept. (1939-44); Judge, High Court, Lahore, 1944 and East Punjab High Court, 1947-52; Fellow and Syndic of the Punjab Univ. *Recreations*: Gardening and Travelling. *Clubs*: Simla Amateur Dramatic Club (President); Annandale Gymkhana Club (President); Delhi Gymkhana Club; Gulmarg Club. *Address*: Fir Hill, Simla, S.W.

BHANDARI, S. N., Jain Ratna, Millowner, Industrialist and Banker of Indore. *b.* 1904. Director: Nandlal Bhandari Mills Ltd.; Rai Bahadur Kanhaiyalal Bhandari Mills Ltd.; Managing Director: Nandlal Bhandari & Sons Ltd., owning Bhandari Iron and Steel Co., Bisco Yanmar Ltd., Indore, Bhandari Iron and Steel Co. Ltd., Udaipur, Udaipur Minerals Ltd., and Gajendrasingh Randheersingh Oil Mills Ltd., Badud; Chairman, Maharana Bhupal Electric Supply Co., Ltd., Udaipur: Member: Aid-to-Industries Board, Madhya Bharat Govt.; Regional Advisory Cttee. of Textiles for Madhya Bharat and Rajasthan; Working Cttee., Madhya Bharat Millowners' Assoc. and Indore Labour Housing Cttee.; Chairman, Working Cttee., All-India Industrial-cum-Agricultural Exhibition, held at Indore, 1951; recipient of high honours of Gold Anklet from Udaipur Durbar; has liberally donated for social, educational, medical and religious uplift; runs a Boarding House at Rampura, the Nandlal Bhandari High School imparting vocational training; has provided necessary amenities for mill workers; takes keen interest in economic and industrial development; visited Japan, America and the Continent on an industrial tour and acquired deep knowledge specially about the textile industry there. *Address*: 18, Nandanwan, Tukoganj, Indore.



BHARADWAJA, Yajnavalkya, M.Sc. (Punjab), Ph.D. (London) in Botany, Univ. Prof. of Botany, Head of the Dept. of Botany and Dean of the Faculty of Science, Banaras Hindu University. *b.* Aug. 13, 1895, *s.* of the late Pandit Lachhman Das Bharadwaja, Punjab P.W.D.; *m.* Shrim. Rampyari Bharadwaja (deceased); *Educ.*: Govt. Coll., Univ. of the Punjab, Lahore; East London Coll. (now Queen Mary Coll.), London Univ. Prof. of Botany and Head of the Dept. of Botany, B.H.U., 1933-45; Principal, Jaswant Coll., Jodhpur, 1948-50; worked under Prof. F. E. Fritsch, F.R.S., of London and made investigations on the morphology and anatomy of the Algæ; Dean, Faculty of Science, B. H. Univ. (1944-46 and since 1952); has been actively engaged in research work on Algology more especially on the Myxophyceæ and the Chlorophyceæ; Fellow, Linnean Society of London and National Institute of Sciences of India; presided at the Botany Section, Indian Science Congress, Madras, 1940; Past Pres., Indian Botanical Society. *Publications*: Numerous publications in notable Journals, both Indian and foreign. *Recreations*: Photography; Music; Histrionics. *Address*: Banaras Hindu University, Banaras 5.

BHARATAN, Arangode Srinivasan, B.A., Journalist; Ex-General Manager, Press Trust of India and A.P.I. *b.* Oct. 31, 1902, *s.* of Arangode Bharatha Srinivasa Iyer; *m.* Sow. S. Saraswati, *d.* of S. N. Srinivasa Iyer of Coimbatore; three *s.* and three *d.*; *Educ.*: Pattambi, Chattanur, Desamangalam, Palghat and Madanapalli Theosophical College. Joined Reuters and Associated Press of India as Reporter, March 1930; was appointed Assistant General Manager, 1936 and Deputy General Manager of Reuters and Associated Press of India, 1943; for 20 years closely connected with reporting of important events such as Congress Sessions, Congress Working Committee meetings, Simla Conferences, Cabinet Mission and the Second Simla Conference; mainly responsible for establishing nearly four dozen offices all over India with a network of Teleprinter Communication links. *Recreations*: Improvement of communication facilities. *Clubs*: Constitution Club, Delhi; Cricket Club of India. *Address*: Tulsi Vihar, 70, Marine Drive, Bombay.

BHARATI, Goswami Raja Sahdeo, M.P., Agriculturist. *b.* Jan. 3 1904, at Nimbha Taluk, Darwha, Dist. Yeotmal, *s.* of Goswamiraja Arjun Bharati; *m.* Smt. Yeshada Devi Bharati, May 28, 1928; two *s.* and five *d.* Joined Congress, 1926; Secy., Bharat Debating Society, Yeotmal, 1923; Educational Society, Ghatanji, since 1928; member, Vidarbha P.C.C., since 1932; All India Goswami Samaj, since 1923; A.I.C.C., since 1948; Governing body, Shri Datt Sansthan Mahur (Hyderabad State), since 1950; sentenced to 9 months' rigorous imprisonment, C. D. movement, in 1930; Vice-Pres., Notified Area Cttee., Ghatanji, 1935-38; Pres., Notified Area Cttee., Ghatanji, 1946-47; Municipal Cttee., Ghatanji, 1946-49; D.C.C. Yeotmal, 1940; Vidarbha Prov. Goswami Samaj, 1949-52; Gen. Secy., D. C. C., Yeotmal, 1937-39 and 1941-49; took part in national movements 1920-30, 1940 and 1942; Ex-Co-Editor, '*Lok-mat*' and '*Lok Sevak*', Marathi weeklies of Yeotmal. *Recreations*: Tennis, Swimming, Horse riding. *Clubs*: Tennis Club, Ghatanji. *Address*: Ghatanji, Dist. Yeotmal, Madhya Pradesh.



BHARATPUR: Col. H. H. Shri Brijendra Sewai Brijendra Singh Bahadur, Bahadur Jung (Jat) Maharaja of. *b.* Dec. 1, 1918. Succeeded, March 27, 1929 and invested with powers, October 22; Salute 17 permanent, 19 local. *Address*: Bharatpur.

BHARGAVA, Dr. Gopi Chand, Ex-Chief Minister, Punjab (India). *b.* March 1890 at Sirsa; *Educ.*: In his home town, Mission and College in Lahore. Practised as a doctor; entered the political arena under the leadership of the late Lala Lajpat Rai; was elected member, Municipal Cttee. and Pres., Lahore Congress Cttee.; chosen as member, old Punjab Legislative Council, 1927; resigned in 1929 as a protest against the repressive policy of the Govt.; was General Secy., Reception Cttee. of session of Congress at Lahore; gave up practice in 1935 to concentrate on politics; arrested during non-co-operation movement in 1921 and in 1923; detained twice during C. D. movement, of 1940 and 1942; released in 1943; elected to the Punjab Legislative Assembly, 1937 and was elected as leader of the Opposition; is essentially a constructive worker; was returned to the Assembly, 1946; elected leader of the Congress Assembly Party in the East Punjab. Premier, East Punjab, August 15, 1947. *Address*: C/o Secretariat, Simla, Punjab (India).

BHARGAVA, Mr. Justice Vashishtha, B.Sc. (Hons.), M.Sc., Judge, High Court, Allahabad, since 1949. *b.* Feb. 5, 1906, at Allahabad; *s.* of Chhote Lal Bhargava; *m.* Smt. Vishnu Kumari Bhargava; four *s.*; *Educ.*: Ewing Christian Coll., Allahabad; Allahabad Univ. Joined Indian Civil Service, 1930; Joint Magistrate, 1930-35; Civil and Sessions Judge, 1936-37; District and Sessions Judge, 1938-47; Additional Commissioner, Food and Civil Supplies, U.P. Govt., 1947-48; Judicial Secy. and Legal Remembrancer, U.P. Govt., 1948-49. *Address*: 15, Sarojini Naidu Marg, Allahabad.

BHARUCHA, Dr. Faridoon Rustomji, B.A., D.Sc., F.N.I., Director, Institute of Science, Bombay. *b.* May 4, 1904, *s.* of late R. P. Bharucha, Solicitor; *m.* Miss Bapai A. Mama of Karachi; one *s.* and one *d.*; *Educ.:* Bombay, Panchgani, Cambridge, Montpellier (France) and Germany. Professor of Botany at the Institute of Science, Bombay, since 1936. *Publications:* 40 Research publications. *Recreations:* Drawing, Painting, Hiking. *Club:* Cricket Club of India. *Address:* Institute of Science, Mayo Road, Bombay 1.

BHAT, Atmaram Raoji, M.L.C., Editor, "Sampada", Marathi Commercial monthly, Poona. *b.* 1905; *Educ.:* Sydenham Coll. of Commerce and Economics, Bombay. Joined the "Kesari" Mahratta office, 1929; retired as its Business Manager, 1952; founded the Mahratta Chamber of Commerce and Industries, Poona, 1934; its Honorary Secy. since then; Pres.: Indian Languages Newspapers' Assoc., since 1949; Indian Newspapers Co-operative Society Ltd., since 1952; member: Bombay Leg. Council; Press Commission; Textile Enquiry Cttee.; Import Advisory Council, Govt. of India; Labour Laws Forms Consolidation Cttee.; State Transport Authority; State Industrial Advisory Council and the Communications Board, Bombay State. *Address:* 256, Sadashiv, Poona 2.

BHATNAGAR, Sir Shanti Swarup, Kt. (1941), O.B.E., D.Sc., F.R.S. (1943), F. Inst. P., F.I.C., F.S.C.I. (Hon.), D.Sc. Secretary, Govt. of India, Ministry of Natural Resources and Scientific Research, Chairman, Univ. Grants Commission and Director, Scientific and Industrial Research. *b.* March 1895; *m.* Shrimati Lajwanti (died, 3rd Feb. 1946); *Educ.:* Lahore, London and Berlin. Univ. Professor of Chemistry, Benares, 1921-24; Univ. Professor of Chemistry and Director, Univ. Chemical Laboratories, Lahore, 1924-40; Research Scholar of the Dept. of Scientific and Industrial Research of Great Britain; Hon. Prof., Punjab Univ., Delhi Univ. and Benares Hindu Univ.; Pres., Chemistry Section, Indian Science Congress, 1928 and 1938; General Pres., Indian Science Congress, 1945; Secretary, Ministry of Education, 1947; Pres., National Institute of Sciences of India, 1947 and 1948; Delegate to the British Association for the Advancement of Science, Liverpool, 1923; Leader, U. N. Scientific Conference on Utilisation and Conservation of Resources, New York, 1948; Inceptor and Executor of Schemes of 11 National Laboratories in India. *Publications: Principles and Applications of Magneto Chemistry, Hum-ul-Barg,* a treatise on electricity in Urdu and a number of scientific papers in various scientific journals. *Address:* 23, Tughlak Road, New Delhi.

BHATT, Gokulbhai Daulatram, M.P., Ex-President, Rajputana Provincial Congress Cttee. *b.* 1899, *s.* of Daulatram Ramji of Hathal, Sirohi, Rajasthan; *m.* Rangus bai; three *s.*; *Educ.:* St. Xavier's College, Bombay. Left studies to join Non-Co-operation Movement, 1919; actively participated in the national activities of the Indian National Congress; Chairman, Reception Cttee., Jaipur Congress; Political Adviser and Chief Minister, Sirohi State, 1948-49; courted jail several times; occupied high positions in Congress; member, Working Cttee., Indian National Congress; A.I.C.C.; Trustee of several institutions in the Bombay Suburban District, Gujarat Vidyapith, Ahmedabad, etc.; has been doing public work since 1917. *Publications:* Edited several Gujarati books; translated *Raman Gita* and other works into Gujarati verse. *Address:* 33, Canning Lane, New Delhi; Sirohi, Rajasthan; 21, Bajaj Road, Vile Parle, Bombay 24.

BHATT, Dr. Suryakant Jethalal, M.B.B.S. (Bom.), Medical Practitioner; Chief Medical Officer, Bombay Talkies Ltd., Malad; Pres., Malad Dist. Municipality. *b.* Sept. 29, 1913, *s.* of Jethalal Manchharam Bhatt, Ex-Supdt. of Police, Radhanpur State; *m.* Smt. Taramati Maganlal Dave, *d.* of Dr. Maganlal Gordhandas Dave, Baroda, 1932; one *s.* and three *d.*; *Educ.:* Radhanpur High School; Baroda Coll. and Grant Medical Coll., Bombay; took M.B.B.S., 1938. Worked as House Surgeon, J. J. Hospital for 1½ years; started independent practice at Malad, 1940; was Medical Officer, Choksey Charitable Dispensary, Malad and Goregaon and Manori Local Board Dispensaries; Divisional Medical Officer, A.R.P., Malad Divn., during World War II; Life Member, St. John's Ambulance Assoc.; member, Working Cttee., West Suburban Branch of Bombay Provincial Branch, All-India Medical Assoc.; elected the first Pres., Malad Dist. Municipality, 1951; Pres. Shree Baj Khedawal Samaj, Bombay. *Address: Dispensary:* Krishna Baug, Station Road, Malad; *Residence:* Podar Estate, Block No. 21, Malad.



BHATTACHARYA, Dr. Bhabani, B.A. (Hons.) (London), Ph.D. (London), Author and Journalist. *b.* Oct. 22, 1906, *s.* of late P. N. Bhattacharya; *m.* Salila (Mukerji); one *s.* and two *d.*; *Educ.:* Patna and London. Since leaving Univ., engaged in historical research, journalism and literary work; was Press Attache at the Embassy of India in Washington, 1949-50; Asstt. Editor, "The Illustrated Weekly of India," Bombay, 1950-52. *Publications: Some Memorable Yesterdays; Indian Cavalcade; The Golden Boat; So Many Hungers; Music for Mohini. Address:* Bezon Bagh, Nagpur.

BHATTACHARYYA, Chapalakanta, M.A., B.L., Editor, *The Ananda Bazar Patrika. b.* January 1901; *m.* Srimati Lalita Debi; *Educ.:* Orthodox Sanskrit Schools; the Calcutta Aryan Institution, now the Saradacharan Aryan Institution; Presidency Coll., Calcutta Univ. Advocate, Calcutta High Court; was Secy., Bengal Bankers' Federation and Editor of its Journal; edited an English weekly "The New Era"; editorial staff of "Forward" of late Deshbandhu C. R. Das; Congress worker since 1920; member, Provincial Cttee. and the All-India Congress Committee; joined the Unity Conference at Allahabad, 1932, invited by late Pt. Madan Mohan Malaviya and also the Congress Nationalist Party founded by him, Secretary of the Party in Bengal; member, Indian Association; member, International Press Institute, Indian Cultural Academy, International Sanskrit Institute; Secy., Dept. of Journalism, Calcutta Univ.; Secy., Sanskrit Sahitya Parishad, Bengal Akhil Bharat Devabhasa Parishad. *Publications: Congress in Evolution; Radcliffe Award—a case for Revision* in English; and several works in Bengali. *Address:* 24A, Hemendra Sen Street, Calcutta 6.

BHATTACHERJE, Dr. Mohini Mohan, M.A., B.L., Ph.D., Sir Gooroodass Bannerjee Professor and Head of English Department, Cal. University. *b.* 1892, *s.* of late Rajanikanta Bhattacherje and of late Kumudini Debi; *m.* Sudhirbala Debi, only *d.* of late D. N. Bagchi, Advocate, Calcutta High Court, 1912; two *s.* and three *d.*; *Educ.:* Presidency College, Calcutta; Premchand Roychand Research Scholar in English, 1918. Lecturer in English, Calcutta Univ., 1917-40; Advocate, Calcutta High Court, 1917; Professor, Univ. Law College, 1920-40; as Ghose Travelling Fellow studied the influence of the European Renaissance in London, Florence and Venice; Head of English Dept. of Calcutta Univ. since 1940; delivered a course of lectures on English poetry in Benares Hindu Univ., 1943 and in the Univ. of the Punjab, Kashmir and Delhi in 1952; Pres., English Society. *Publications: Studies in Spenser* (1929); *Platonic Ideas in Spenser* (1935); "*Courtesy*" *in Shakespeare* (1940); *Keats and Spenser* (1944); Articles on Basic English and English Poetry in *Calcutta Review. Address:* 72, Ballygunj Place, Calcutta.

BHAVNAGAR: His Highness Commodore Maharaja Raol Shri Sir Krishnakumarsinhji Bhavsinhji, K.C.S.I. (1938), **Maharaja** of. First Class Ruling Prince in Kathiawar. *b.* May 19, 1912, *s.* of Lt.-Col. His Highness Maharaja Sir Bhavsinhji Takhtsinhji, K.C.S.I. of Bhavnagar; *m.* Maharani Shri Vijiyaba, *d.* of His Highness Maharaj Shri Bhojrajji of Gondal; two *s.* and three *d.*; *Educ.:* at home under Major Lentaigne and A. P. Pattani; joined the Rajkumar Coll., Rajkot, 1922; proceeded to England for further studies in 1925 and joined the Rev. Brayer's School in Essex and then was admitted to Harrow; returned from England in 1928 and attended lectures in History, Politics, English, etc., at the Samaldas Coll., Bhavnagar. Lieutenant in 1937; Colonel in 1945; Hon. Commodore in the I.N. in 1947; attended meetings of the R.T.C.; toured various parts of India, England and America; invested with ruling powers on 18th April, 1931; granted responsible government to his State, Jan. 1948; Uparajapramukh of Saurashtra Union, Feb. 1948; Acting Rajpramukh, June 1948; Governor of Madras, 1948-52. *Recreations:* Riding, Hunting, Racquets, Tennis, Polo, Golf, Rowing, Fishing, and Cricket *Address:* Bhavnagar.

BHIDE, M. R., B.Sc. (Nagpur), B.A. (Cantab.), I.C.S., Joint Secy., Ministry of Food and Agriculture, since Oct 1952. *b.* Dec. 6, 1907, *s.* of R. G. Bhide, Nagpur; *m.* Lila, *d.* of late General Rajwade, Gwalior; three *s.*; *Educ.:* Nagpur and Cambridge; Indian Civil Service. *Publications: Marketing of Sugarcane in United Provinces. Recreations:* Cricket, Tennis and Bridge. *Clubs:* Cricket Club of India; Delhi Gymkhana; Roshanara Club. *Address:* 8, Roberts Lane, New Delhi.

BHIMJEE, Roshen Ali, J.P., Honorary Presidency Magistrate, Bombay. *b.* August 13, 1917; *m.* Miss Banoo Moledina; *Educ.:* Bhopal and Government College, Ajmer. Honorary Secretary, Burma Indian Association (1941); Rangoon Labour Federation (1939-41); Mayor's Indian Evacuees' (Overseas) Relief Cttee., Bombay (1942-45); Member, Managing Cttee., Khoja Shia Ishna Ashari Jamat, Bombay; Trustee, Haldery High School Trust, Bharapur Eye Hospital and Khoja Ishna Ashari Trust; Hon. Secy. & Treasurer, Friends of Burma Society; Chairman & Director, Bhimjee & Co., Ltd. *Address:* 17, Horniman Circle, Fort, Bombay.



BHONSLE, J. K., Deputy Minister for Rehabilitation, Govt. of India, since Aug. 12, 1952. *b.* Dec. 10, 1907; *Educ.:* Prince of Wales' Royal Indian Military Coll., Dehra Dun; Royal Military Academy, Sandhurst. Commissioned 2nd Lt., Indian Army, Feb. 1928; promoted Captain, Feb. 1937; travelled round the world, 1937; attended Staff Coll., Quetta, 1940-41; promoted Lt.-Col. and given command of 18 Garhwal Rifles, Feb. 1942; joined the I.N.A. and commanded 18 Field Force Group, Oct. 1942; Dir. of Military Bureau, I.N.A., 1942; Chief of Staff, I.N.A., 1943; underwent trial in the Red Fort; released from Red Fort, May 1946; elected Chairman, I.N.A. Advisory Cttee. for rehabilitation of I.N.A. personnel, 1947; Director of Rehabilitation, Bombay, 1948-51; returned to the House of the people from Ratnagiri North Constituency. *Address:* Deputy Minister for Rehabilitation, New Delhi.

BHOPAL Col Air-Vice-Marshal His Highness the Nawab Sikandar Saulat-Iftikharul Mulk Muhammad Hamidullah Khan Bahadur, G C S I G C I E G C V O B A LL D the Nawab of *b* Sept 9, 1894 *m d* of Shahzada Humayun a great grandson of Shah Shuja s Shahzada Khel who was exiled from Afghanistan and became domiciled in India 1900 three *d Educ* Bhopal and M A O Coll Aligarh underwent a thorough practical training in all branches of the State administration including the Chief Secretary ship of Bhopal Ascended the *gadi*, May 17 1926 Chancellor Chamber of Princes 1931 32 and 1941 till the lapse of paramountcy as Chancellor took active part in the R T C London 1931 32 is an all round sportsman is one of India s finest polo players is entitled to a salute of 21 guns within and 19 guns outside the State followed the other States in having his State acceded to the Indian Union *1* Bhopal

BHOPATKAR, Laxman Balwant, M A LL B (Bom Univ) Advocate Bombay High Court and Federal Court, Politician and Physical Culturist *b* May 10, 1880, *s* of Balwant Waman Bhopatkar, *m* Ambu Gurjar four *s* and four *d Educ* Fergusson College, Poona, Govt Law School, Bombay Practising advocate Professor of Law, Law College, Poona *Publications Law of Torts, Indian Company Law, Law of Partnership Wrestling Training, My System of Physical Culture Address* 322/1, Sadashiv Poona 2

BHOSLE, Dattajirao Madhavrao, President of the Prince Shivaji Maratha Free Boarding House, Kolhapur *b* 15th June, 1903 *m* Annusayabai 8th May 1920 *Educ*



Panchgani St Mary s High School Bombay and Baldwins, Bangalore Joined Kolhapur Government Service in 1920, Financial Secretary to His Highness 1925 29 Huzur Chitnis, 1929 Acting Dewan 1930 31 Chief Secretary Acting Prime 1932 33 Chief S 1935 40 Home and Deputy Prime 1940 42 when he retired Chairman Kolhapur Agricultural Exhibitions held in 1927 and 1929 and also of the Reception Committee of 17th Session of the Marathi Literary Conference over which His late Highness Shri Sayajirao Maharaj Gaekwar Maharaja Saheb of Baroda presided Director, the Bank of Kolhapur, Ltd Secretary Kshatriya Maratha Mandal Kolhapur Asstt State Commissioner (Scouts) Trustee State Owned Shahu Chitra Mandir Kolhapur Recipient of King V Silver Jubilee Medal in 1936 and Coronation Medal in 1937 *Address* Sadhu Kolhapur Residency

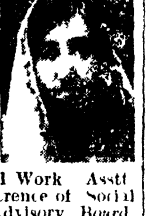
BIKANER His Highness Maharaja Sri Karni Singhji Bahadur, B A (Hon) Maharaja of *b* April 21 1924 *s* of Lieut General His late Highness Maharaja Sri Sadul Singhji Bahadur G C S I G C I E, etc *Succeeded* Sept 26 1950 *m* Princess Sushila Kumari *d* of His Highness the Maharawal of Dungarpur, Feb 25, 1944 one *s* Maharaj Kumar Narendra Singhji, *b* on Jan 13, 1946 *Educ* St Stephen s Coll Delhi St Xavier s Coll Bombay



passed B A (Hons) in History and Politicals conducting post graduate researches in Mediæval Indian History for Doctorate of Philosophy at the Indian Historical Research Institute under the guidance of Rev Father H Visited the Middle East War Front in Nov 1941 with his grandfather General His late Highness Maharaja Sri Ganga Singhji Bahadur, G C S I, G C I E, etc, was awarded the Africa Star War Medal Indian service Medal also visited Switzerland France, England, Norway, Sweden and Egypt, elected to the House of the People as an independent by a majority of over 117 900 votes 1952 *Recreations* Tennis Golf, Cricket Mechanics, Photography, Shooting Social Service and Flying, has qualified for Private Pilot s Licence *Clubs* Willingdon Sports Club, Bombay, Cricket Club of India, Bombay, Bombay Flying, Bombay Presidency Golf (Bombay) Western India Automobile Association (Bombay) Roshanara, Delhi Delhi Flying (Delhi) Rajputana (Abu) etc, member, Bombay Branch of Royal Asiatic Society *Address* Lallgarh Palace Bikaner, Rajasthan

BILIMORIA, Manchershah Burjorjee, B Com (1921), Cinefilm Distributor and Cinefinancier *b* 24th February 1899 Began career as clerk in 1922, started own business, 1923, has donated more than Rs 2,00 000 to cosmopolitan charities, one of the founders of Wadia Movietone and All India Theatres Syndicate Ltd President Indian Motion Picture Distributors Association, Bombay, Vice President Motion Picture Society of India Trustee Bilimoria Parsee Panchayat Funds, Mukhi, Bilimoria Vepary Mahajan, Director, Dominion Films Ltd, Modern Films Ltd, National Storage Ltd Indian Film Combine Ltd, India Overseas Film Distributors Ltd, Vasant Insurance Co Ltd, Powell Industries Ltd Jal Hind Publishers Ltd, Senior partner in film distribution firms of Goodwin Pictures Corporation Wadia Paramount Pictures, Bilimoria and Dalji Goodwin Agencies and M B Bilimoria & Son Bombay *Address* Sir Mangaldas House, 393 Lamington Road, Bombay

BILLIMORIA, (Mrs) Gulestan Rustom (*née* Gulestan Bahadurji), M A, Licentiate Trinity College of Music, London, obtained various University and College Scholarships, was for a number of years Fellow and Syndic of the Bombay University her paintings have won prizes at Art Exhibitions all over India and one has been bought by and hangs in the Prince of Wales Museum, Secretary Junior Red Cross Vice President, United Women s Organizations Cttee Hon Secretary All India Conference of Social Work Asstt Treasurer International Conference of Social Work member Central Advisory Board Govt of India for Women s Small Savings Scheme President of The Bombay Presidency Women s Council in 1942 and 1943 and is actively connected with various other associations has travelled widely in Europe and America and led delegations to International Conferences, gave evidence before Government commission on education the University Commission and the Franchise Committee takes keen interest in her husband s Bel Air Sanatorium at Panchgani for consumptives contributes articles to various papers awarded Kaiser i Hind Silver Medal *Publications* **Joint Author of** *Governance of India* **and also of** *Constitution Functions and Finance of Indian Municipalities*, **a book favourably reviewed by the Press, including the** *London Times Literary Supplement Address* Thoburn House Apollo Bunder, Bombay



BILLIMORIA, Sir Shapoorjee Bumonjee, Kt (1928), M B E, J P, Partner S B Billimoria & Co *b* July 27 1877, *m* Jerbai *d* of Bhicaji N Dalal (1906) *Educ* St Xavier s Coll Hon President Ma trat Merchants 1926 28 Pres Indian Chamber of Commerce in Great Britain, 1928 29 Trustee, N M Wadia Charities and a number of other charity trusts and institutions, member Board of the Bombay Properties of the Indian Institute of Science, Bangalore Sheriff of Bombay, 1935, is Grand Master of the Grand Lodge of Scottish Freemasonry in India Pakistan and Ceylon Hon Secretary and Treasurer, Countess of Dufferin Fund, Bombay Grand Supdt, Grand Royal Chapter in India and founder and First Master of Lodge Justice and Peace (E C), Rotary Governor, 89th District (India), Director, Rotary International, 1943 44, Fiscal Agent, R I s International since 1948 *Address*

BIRLA, Ghanshyamdas *b* 1894, *s* of Dr Raja Baldevdas Birla, D Litt Managing Director of Birla Brothers, Ltd, member, 2nd Indian Legislative Assembly, resigned in 1930 as a protest against legislation for Imperial Preference President Indian Chamber of Commerce, Calcutta, 1924 Federation of Indian Chambers of Commerce and Industry, 1929 has been responsible for the founding and maintenance of a large number of educational and other public institutions in various parts of the country, member Indian Fiscal Commission Bengal Legislative Council Royal Commission on Labour Delegate Labour Conference at Geneva, 1927 member, 2nd Round Table Conference 1930 Unofficial Adviser to Government of India for Indo British Trade Negotiations, 1936 37 President, All India Harijan Sevak Sangh *Address* 8, Royal Exchange Place Calcutta

BISWAS, Chara Chandra, M A Minister for Law and Minority Affairs of India since May 1952 Minister of State for implementation of Prime Ministers Agreement dated 8th April 1950 and 1950 52 *b* April 21 1888, at Calcutta s of late Ashutosh Biswas *m* Smt Suhasini Biswas (*deceased*), May 1910, six *d Educ* Hindu School and Presidency Coll, Calcutta, Ripon Law Coll, Calcutta Enrolled Advocate, Calcutta High Court, 1910, Fellow and member, Syndicate Calcutta Univ 1917-22 and 1926 52 Commr and Councillor Corpn 1921 37 Delegate to Cttees in London on Reserve Bank and Statutory Rly Board in India 1933 Alternate Delegate to General Assembly of the League of Nations, Geneva 1936 member Calcutta Improvement Trust 1926 37, Indian Leg Assembly, 1930 32 Radcliffe Commn for Demarcation of Boundaries of East and West Bengal and Assam, 1947, Judge, Calcutta High Court 1937 48 Chairman Calcutta Corpn Investigation Commn, 1948 50, Vice Chancellor, Calcutta Univ 1949 50, Dean, Faculty of Law Calcutta Univ 1938 50 Pres, China Aid Cttee 1942 is specially interested in cultural advancement civic welfare and politics elected member Council of States 1952 *Publications* Occasional contributions to newspapers and periodicals *Hobby* Journalism *Club* Calcutta Club *Address* 58 Puddopukur Road Elgin Road P O Calcutta 20 Secretariat New Delhi



BONARJI, Neil, I A (Oxon) Chairman Public Service Commission Hyderabad (Deccan) since April 1950 *b* March 10 1901 *s* of late Mr and Mrs D N Bonerji of Rampore Estate Kheri U P *m* Smt Hans Kour Badhwar *d* of late G C Badhwar I C S, one *s* and one *d Educ* Dulwich Coll London Hertford Coll Oxford London School of Economics Passed into the I C S 1924 was A D C to the late Mr Strate

Districts Addl Dy Secy Education Health and Land Dept Govt of India 1936 38 Magistrate & Collector Secy to Govt U P Medical & Local Self Govt Dept Chief Secy 1946 47 Commr of Rohilkhand Division 1947 48 on deputation to the States Ministry as Regional Commissioner & Adviser, Vindhya Pradesh Union and Chief Commissioner Bhopal 1948 50 retired from the I C S April 1950 *Publication* Note on the Saheri yas, a Forest Tribe of the Jhansi Dist in the Census Report of 1931 *Recreations* Golf Riding Shooting *Clubs* Delhi Gymkhana Wheler Club Meerut Secunderabad Club *Address* C/o The Imperial Bank of India Hyderabad Deccan

BONERJEE, Karanjaksha, M A, F R S A, M R S I, Consul for El Salvador, member, Visva Bharati etc poet and story-writer *b* Oct 11, 1911, *s* of late Dr Sir Benode Behari Bonerjee, *m* late Subhraja Bonerjee, M R A S, *d* of late Ramendranath Chatterjee, one *s*, Kalyanaksha *Address* Rama Niketan, 10 P K Tagore Street Calcutta 6

BORA, Moti Ram, M A B L, Minister for Finance and Revenue Relief and Rehabilitation Govt of Assam, Advocate *b* March 1897 *m* Srimati Bhogeswari Bora three *s* and four *d*, *Educ* Gauhati and Calcutta Chairman Nowgong District Board Nowgong School Board joined Nowgong Bar, 1925 was a prominent criminal lawyer courted jail four times during independence movement *Address* Ministry of Finance Shillong Assam

BOROOAH, Lakshesvar, M L (Council of States) Advocate Assam High Court *b* 1893 Joined the Congress Movement 1921 participated in all the phases of the national struggle 1921 42, suffered jail life all along, wife died during his incarceration 1943 joined the Swarajya Party in 1922 under the leadership of late Motilal Nehru, President Patel and C R Das, was elected to the Provincial Legislature from Dibrugarh Subdivision several times, 1926 46, appointed Prohibition Commissioner of Assam 1946 is responsible for bringing in the Assam Opium Prohibition Act 1947 author of Assam Local Self Govt Amendment Act removing the disqualification of women standing for Local Boards in Assam has been an active social worker for the uplift of the Bhangis of Dibrugarh Municipality especially in the supply of cheap credit Speaker Assam Legislative Assembly, 1947-52 elected Member Council of States from Assam March 1952 *Address* Khahikamari, Dibrugarh

BOSE, Buddhadeva, M A (English) Writer *b* 1908 *s* of late Bhudev Chandra Bose and (late) Benoy Kumari Bose (*née* Sinha) *m* Protiva Bose (*née* Shome) one *s* and two *d* *Educ* Dacca Univ Lecturer in English Ripon Coll (now Surendranath Coll), Calcutta 1934 45 Founder editor of *Kavita* (*Poetry*) a Bengali quarterly of poetry & criticism *Recreations* Reading and Conversation *Club* P E N *Address* Kavitabhavan 202 Rashbehari Avenue Calcutta 29

BOSE, Mr Justice Himansu Kumar, M A B L (Calcutta), Bar at Law (Lond), Judge High Court Calcutta, since Dec 8, 1949 *b* March 1 1904 *el s* of Amarendra Nath Bose Advocate, High Court Calcutta, *m* Mayarani Mitra one *d* Archana *Educ* Univ of Calcutta called to the Bar from Lincoln's Inn London June 1929 Practised as Barrister in the Calcutta High Court from Sept 1929 *Club* Calcutta Club Calcutta *Address* Bose Park 84 Haris Mukerjee Road Bhowanipore Calcutta 25

BOSE, Nandalal, D Lit, Desikottama, Painter *b* Dec 3 1883 at Kharagpur in Orissa *s* of late Purna Chandra Bose, Engineer and Manager Darbhanga Raj estate *m* Smt Sudhira Devi 1903 two *s* and two *d* *Educ* Matriculation from Calcutta, 1902 went to College, left after two years joined Govt Art School Calcutta and completed the course was there after a student of Abanindra Nath Tagore Was Principal, School of Arts of the Oriental Society Calcutta Joined Kala Bhavana, the school of Arts at Santiniketan as its Director 1922 travelled far East China and Japan with poet Rabindranath Tagore, 1924, helped Mrs Herringham and executed along with other artists copies of Ajanta Frescoes, 1909, painted frescoes in Sir J C Bose's Science Institute 1919 co operated with other artists in making copies of Bagh caves frescoes 1921, organised exhibitions and decorated pandals at the All India Congress sessions at Lucknow, Faizpur and Haripura at the call of Mahatma Gandhi commissioned by the Baroda Darbar, executed frescoes in the Kirti Mandir, 1939 was conferred Doctorate by the Benaras Hindu Univ Dec 26 1950 and the title of Deshikottama by the Visva Bharati Univ, Dec 28 1952 Emeritus professor Visva Bharati Univ Santiniketan is an outstanding representative exponent of Indian *Publications* *Rupavali*, *Ornamental Silpakatha* etc *Address* Santiniketan

BRAHMACHARI, S, Psychologist therapist Journalist *b* 1912 *m* Smt Kamala Devi one *d*, Krishna, *Educ* After obtaining degree of B A (Hons) in Philosophy and Psychology, went to England and secured the degree of Ph D in psychology from the University of London in 1937. Psychologist Tata Child Guidance Clinic, Bombay Lecturer on child psychology in the Training College of Agra Allahabad and Lucknow, Lecturer in the University of Calcutta B T Section, Visiting Professor to teach Mental Hygiene to the B T students of St Edmund's and St Mary's Colleges Shillong Publicity Officer for the coal mine areas of Bengal Education Officer, Visva Bharati (Santiniketan) Prof of Psychology Jabalpur Govt Training College *Publications* A book *Child Psychology* a Thesis entitled *Moral Attitudes in Relation to Personality Adjustment Conditions of Upbringing and Social Opinion* (Extensive references made by Prof Dr [illegible] in his book *Morals & Society*) [illegible] nagar, Borivli Bombay

BUNDI Major His Highness Harendra Shiromani Deo Sar Buland Rai Maharaja Dhiraj Maharao Raja Bahadur Singhji Bahadur, M C A D C, Maharao Raja of *b* March 16, 1920 *m el d* of H H Maharaja Sajjant Singh of Ratlam April 1938, Heir apparent, Maharaj kumar Ranjit Singh born Sept 13, 1939 *Educ* Mayo College, Ajmer had administrative training at Police Training College, Moradabad 1940 I C S Probationers Course at Dehra Dun 1941 succeeded to the *Gadi* April 23, 1945, entered the Army, 1942, posted to the Officers Training School Bangalore commissioned in the Probyn's Horse (Indian Armoured Corps), served in the Burma campaign mentioned in despatches wounded, March 1945, awarded Military Cross for conspicuous gallantry during attack on Meiktila, April 1945 appointed as Hon A D C to H M the King 1945, is A D C, attended the Victory Parade in London and the marriage of Queen Elizabeth II and Prince Consort (Duke of Edinborough) is the head of the Hara Sect of the great Clan of Chauhan Rajputs is fourth in order of precedence amongst the Princes of Rajputana and entitled to a salute of 17 guns Up rajpramukh United State of Rajasthan *Address* Bundi



BUNKI, *Srimati Fulkorgauri Mohanlal* *b* Nov 22 1901 at Surat *d* of Seth Nagindas [illegible] Bhaidas Kharwar Patriarchal family of B B Kharwar having business connection with Japan Rangoon Calcutta Bombay and Surat *Address* Sri Gunpura Zunda Sheri Surat



BUNKI, Mohanlal Vallabhram, Exporter Importer and Commission Agent Manufacturer and wholesale dealer in smart silk and art silk and cotton shirtings and suitings etc *Proprietor* Bunki Silk Mills and Vasant Textile Works *b* June 14 1905 *s* of Smt Ichha Bai and late Seth Vallabhram Nagindas Kharwar of the firm of B M Kharwar Surat Takes keen interest in public life member Nivaran Sabha Gujarat Ayurvedic Coll Surat Director Board of Surat Peoples Co operative Bank Ltd Vice Pres Sugrampura Mauthi Vyayamshala Surat Surat Weaving Assoc Surat Member Managing Cttee The Surat Vankar Sahakari Sangh Ltd Patron member and member Managing Cttee the Surat Chamber of Commerce Patron member Sarvajanik Education Society Member Silk and Art Silk Mills Assoc Ltd Bombay Surat Borough Municipality 1940 contributes liberally to charities *Address* C/o The Bunki Silk Mill Sugrampura Zunda Sheri Surat



CARIAPPA, H E General K M, Indian High Commissioner in Australia and New Zealand since 1953 *b* Jan 28 1900 in Coorg South India *Educ* Central High School Mercara Presy Coll Madras Among the first batch Indian cadets to be commissioned from Sandhurst Coll Indore Dec 1919 Adjutant 2 12th Frontier Napier Rifles in Mesopotamia 1920 22 in Waziristan with the 1 17th Dogras and the 17th Rajputs 1922 25 first Indian Officer to enter the Staff College Quetta 1933 Capt Deccan District 1936 Dy Quartermaster General Oct 1938 Deccan District Brigade Major Khojak Brigade later known as 20th Indian Infantry Brigade 1939 saw service in Iraq Syria and Iran 1941 42 while in Iraq served under Field Marshal Sir William Slim G C B G B E appointed Asstt Quartermaster General (Operations) Eastern Army March 1944 went to the Arakan as Asstt Adjutant and Quartermaster General 26th Indian Division July 1943 appointed Member of the Army Reorganisation Cttee in the rank of a Brigadier Nov 1944, toured the United States and Canada visiting the American Military Academy at West Point in 1945 was the first Indian of rank to visit the U S and Canada took over command of the Bannu Frontier Brigade Group Jan 1946 promoted Major-General, July 1947 was Chief of the General Staff for some time before being appointed G O C in Chief Eastern Command, Dec 1947 succeeded Lieut General Sir Francis Tuker, being the first Indian Officer to become an Army Commander promoted Lieut General has travelled widely succeeded Lieut General Russell as G O C in the D E P Command which has since been designated Western Command Jan 1948 Commander in Chief Army Jan 1949 conferred Legion of Merit Degree of Chief Commander by President Truman Aug 1949 awarded the Hon rank of a full General in the Nepalese army by H M the King of Nepal Oct 1952 conferred the Hon degree of Doctor of Science of the Agra Univ Jan

... Golf Riding Cricket Tennis *Hobby* Stamp collecting *Address* Indian High Commission Canberra Australia The Roshanara Mercara Coorg

CASSAD, Dhunjisha Pestonji Ruttonji M Sc (Eng) (Lond), B Sc (Bom), M R S I (Lond) M M G I M I E, M Am Soc C L, M A I M I Chartered Engineer (Civil & Mining) Managing Director The Central Provinces Syndicate Ltd, Nagpur and ex Officio Director, The Kanhan Valley Coal Co, Ltd Nagpur Managing Director, The Byramji Mining Combine, Ltd Bombay Managing Director Nagpur Electric Light & Power Co Ltd Director The Star Ginning and Pressing Factories Ltd Nagpur *b* ... *m* Kamalrukh Byramji two ... and one *d* *Educ* St Paul's European High School Rangoon Burma Deccan & Fergusson Colleges, Poona Benares Hindu University and University College London Conducted Researches in London and Berlin in Water Filtration and Rigid Frame Structures, formerly Consulting Civil Engineer Bombay and Quetta R C C Engineer Designer, Tata Chemicals Ltd Mithapur Civilian Engineer M I S Commissioned Officer, Corps of Indian Engineers, Professor School of Military Engineering, Roorkee, at present connected with the mining industry for coal and manganese in Madhya Pradesh and iron ore mining in Bihar and Orissa member Local (M P Centre) Cttee and Member of Council Institution of Engineers (India) Member of the Advisory Board Indian School of Mines and Applied Geology Dhanbad member University Court University of Nagpur representing the Madhya Pradesh Mining Assoc, Nagpur, member All India Council of Technical Education, Western Regional Cttee member Divisional Rly Users Consultative Cttee Central Railway Secunderabad widely travelled in Great Britain Europe Iraq Iran Egypt and Burma member Indian National Cttee, World Power Conference (Sectional Meeting) India 1951 American Institute of Mining and Metallurgical Engineers, 1952 *Publications* *Determination of the Temperature Coefficient in Water Filtration* Water and Water Engineering Journal July 1936 *Typical Design for a R C C Chimney*—320 *ft height and* 12 *ft dia* Indian Concrete Journal, Sept 1941 *Clubs* Willingdon Club, Bombay Condwana Club and C P Club, Nagpur Free Mason *Address* The C P Syndicate Ltd Dolly Dale, Byramji Town Nagpur *Residence* Shirin Lodge Byramji Town Nagpur and Currumbhoy Manor Warden Road Bombay (26)



CAVEESHAR, Sardul Singh, ex Pres, All India Forward Bloc, Managing Director & Chairman People's Insurance Co Ltd New Hindustan Bank Ltd, C R F Wood & Co Ltd Himpur Bank Ltd Punjab Buildings and Land Trust Ltd etc *b* 1886 at Amritsar *Educ* Graduated from Punjab Univ in 1909 Started the Sikh Review in Delhi in 1912 elected Fellow Hindu Univ 1917 Trustee Sikh National Coll Lahore in 1918 externed from Delhi shifted to Lahore and started the New Herald elected Secy, All India Sikh League in 1920, Secy, P P C C the same year elected Pres Sikh League, sentenced in 1919 to five years transportation in connection with non co operation movement presided over the Punjab Provincial Conference in 1925 elected Member All India Congress Working Cttee in 1928 ... Congress Incident in 1932 and 1933 and sentenced nine times in connection with Congress Civil Disobedience Movement, resigned Working Cttee membership on Office Acceptance question, elected Pres Forward Bloc just before Subhas Bose left India charged with having contact with Subhas Bose and of being a party to the plans to free India by the use of armed forces detained for four years under D I Rules *Publications* Many religious and political tracts and books *Non violent Non co operation*, *The Sikh Studies India's Fight for Freedom*, *Indian Politics*, *Successful Life Insurance Agent* *Recreations* Cricket and Chess *Address* Sabzimandi Delhi



CHADHA, Shanti Narayan, Proprietor Pucka Hosiery Mills and Narayana & Co Kanpur *b* Jan 15, 1902, *s* of L Diwan Chand M A D Litt Ex Vice Chancellor, Agra Univ *m* Smt Krishna Devi, two *s* and three *d* *Educ* D A V Coll Lahore and Kanpur Managing Director Cawnpore Industries Ltd Kanpur Director Cawnpore Textiles Ltd, Kanpur Jupiter Investment Trust Ltd Amritsar member Knitted Garments Sub Cttee of the Indian Standards Institution, New Delhi Vice Pres Merchants Chamber of U P Kanpur D A V Coll Trust and Management Society, U P Kanpur Arya Samaj, Kanpur D A V Coll, Kanpur and Dehra Dun Founder member, Rotary Club Kanpur a prominent social worker was member Working Cttee All India Hindu Mahasabha Court of Lucknow Univ Co opted member Sir Tej Bahadur Sapru Educated Unemployment Enquiry Cttee member Working Cttee Hindu Orphanage, Kanpur Central Goods Shed Advisory Cttee Kanpur connected with several religious, educational and social institutions, travelled widely abroad *Address* Shanti Nivas, 63 Cantonments, Kanpur



CHAGLA, Chief Justice Mahomed Ali Currim, B A (Oxon), Bar at Law Chief Justice High Court Bombay since Aug 15, 1947 *b* Sept 30 1900 *m* Meherunnissa *d* of Dharsi Jivraj, *Educ* St Xavier's High School and Coll, Bombay, and Lincoln Coll, Oxford, graduated at Oxford in Honours School of Modern History, 1922 President Oxford Asiatic Society, 1921 President Oxford Indian Majlis, 1922, called to the Bar (Inner Temple), 1922 Prof of Constitutional Law, Govt Law Coll Bombay, 1927 30 Hon Secy Bar Council of the High Court of Judicature at Bombay, 1933 41, Fellow and Syndic of the Bombay University Delegate to U N to fight the cause of Indians in South Africa, 1946 Puisne Judge, Bombay High Court, 1941 47 Vice Chancellor, Bombay University April November, 1947, Pres, Bombay Branch, Royal Asiatic Society, since 1947, *Publication* *The Indian Constitution* (1929), *Law Liberty & Life* *Address* High Court Bombay

CHAINANI, Mr Justice Hashmatrai Khubchand, B A (Cantab), High Court Judge, Bombay, since Aug 27, 1948 *b* Feb 29 1904, *m* Sati, *d* of Diwan Isardas Udharam, Advocate, Karachi *Educ* D J Sind College, Karachi and Magdalene College, (Cambridge) Joined Indian Civil Service, Dec 1927 toured round the world March June 1935 thereafter appointed as Secretary Bombay Legislative Council and Assistant Legal Remembrancer, was the first Secretary of the Bombay Legislative Assembly constituted under the Govt of India Act 1935, again visited Europe 1939, Joint Secretary Home Department Govt of Bombay 1942 subsequently transferred to Govt of India, Home Dept where he officiated for some time as Joint Secy posted to Surat as District Judge, ... and subsequently served in the same capacity at Ahmedabad, Commissioner, Central Division, Sept 1947-Aug 1948 *Address* High Court, Bombay

CHAKRABARTI, Mukunda Chandra, B Sc (Dacca), first class first with double honours in Maths & Physics, M Sc first class first, Reader and Head of the Univ Dept of Statistics Bombay Univ, since 1948 *b* January 31, 1915 *s* of late B C Chakrabarti and Mrs Chakrabarti, *Educ* Dacca Univ, and Indian Statistical Institute, Calcutta Lecturer in Mathematics Dacca Univ, 1937-39, Lecturer in Mathematics, J B College, Assam, 1939-40, Lecturer, Calcutta Univ, 1943 44, Lecturer, Dacca Univ, 1940 43, 1944 48 Fellow Univ of Bombay, member, Academic Council member, Faculty of Science, Poona Univ member, Faculties of Arts Science & Commerce Baroda Univ member Council of Directors Calcutta Statistical Association *Publications* Author of a large number of original papers in Statistics in various Journals *Address* Morparia Cottage 150 Chodbunder Road Andheri, Bombay

CHAKRAVARTI, Niranjan Prasad, M A (Calcutta Univ), Ph D (Cambridge), O B E O S D Parliament Secretariat Ex Adviser in Archæology, Govt of India *b* July 1, 1893, *s* of Hariprasad Chakravarti and Shashimukhi Devi, *m* Miss Suzanne Elizabeth Flynn, Eire, *Educ* Calcutta Univ awarded Calcutta Univ Gold Medal and Hem Chandra Gossain Gold Medal and Sonamani prize, Govt of India scholarship for study in Europe, 1921, Research student in the Sorbonne Paris and the Univ of Berlin, 1924-26, Lecturer in the Calcutta Univ, 1917 28 Asstt Supdt for Epigraphy, 1929, Govt Epigraphist for India, 1934, Dy Director-General of Archæology in India, 1940 48, Joint Director General of Archæology in India 1945, Fellow of the Royal Asiatic Society of Bengal, Hon Member of the Ecole Francaise d Extreme Orient 1949 Director General of Archæology in India 1948 50 Vice Pres Royal Soc of India and Pakistan, London *Publications* Writer of several books published in India and Paris and also reports and articles in Departmental and other scientific oriental journals in India and abroad *Recreation* Gardening *Club* Delhi Gymkhana Club, New Delhi *Address* No 36 Meena Bagh New Delhi

CHAKRAVARTTI, Chief Justice Phani Bhusan, M A B L (Calcutta), Chief Justice High Court Calcutta since June 13 1952 *b* Oct 15, 1898, *s* of late Shyama Charan Chakravartti and late Benode Bashini Devi *Educ* Dacca Collegiate School and Presidency Coll Calcutta Lecturer in English Jagannath Intermediate Coll, Dacca, 1920 26, Asstt Editor and leader writer *Calcutta Weekly Notes*, and Advocate, High Court, Calcutta 1926 45, raised to the Bench April 26, 1945 Legal Adviser to the Govt of India for Income tax matters in Bengal 1940-45, on deputation as member, Income tax Investigation Commission, Feb 1949 April 1951, reverted to High Court in May 1951, Chairman, Medical Education Enquiry Cttee Calcutta Univ 1951 *Recreations* Long walks and reading *Address* 20/4, Ashwini Dutt Road Ballygunj Calcutta

CHAKRAVARTY, H E Birendra Narayan, B Sc O B E (1945) Indian Ambassador in the Netherlands since Jan 1952 *b* Dec 20 1904 *s* of late H N Chakravarty, retired Inspector of Schools in Bengal, *m* Indira (*née* Sanyal) one *s* and one *d*, *Educ* Presidency College, Calcutta, University College, London Joined the Indian Civil Service in 1929 held various appointments in Bengal districts and the Bengal Secretariat, Finance Secy, Bengal Govt Nov 1944, Secy to Governor, West Bengal, August 15, 1947 Counsellor, Indian Embassy in Nanking China, February 1948 Head of Indian Liaison

Mission, Tokyo, Japan with personal rank of Minister June 1948 49 Jt Secy Ministry of External Affairs 1949 51 Secy Commonwealth Relations External Affairs Ministry Govt of India, 1951 52 *Hobbies* Photography and gardening *Clubs* Calcutta Club, Calcutta, Delhi Gymkhana Club, Delhi *Address* 41/3 Hazra Road Calcutta 19 Indian Embassy The Hague Netherland

CHAMARBAUGVALA, R M D, Managing Director, R M D C (Mysore) Ltd *b* Jan 1 1913 *s* of Merwanji Dadabhoy Chamarbaugvala and Aimai M D Chamarbaugvala *m* Perin Framroz Sassoonwala one *s* and two *d*, *Educ* St Vincent's High School, Poona Joined father's business 1928 became Dir Business Manager and Joint Managing Director *The Sunday Standard*, Bombay 1936 became sole Concessionaire for Littlewoods Football Pools for India Burma Ceylon and the Far East 1945, founded R M D C (Bombay) Ltd 1945 R M D C (Mysore) Ltd 1948 *The Sporting Star* Bangalore, 1948, the daily *Satya*, Bangalore, 1953 *Clubs* The Orient Club Bombay, Willingdon Club, Bombay Cricket Club of India Bombay *Address* 2 Residency Road Bangalore



CHAND, H E Major-General Khub, B A (Hons), I C S, Envoy Extraordinary and Minister Plenipotentiary of India in Iraq, since April 15, 1952 *b* December 16, 1911, *el s* of Dip Chand and the late Mrs Dip Chand of New Delhi, *m* Nirmal Khub Chand (*née* Singh), two *s* (Ashok and Ranjit) and three *d* (Aruna Nita and Asha), *Educ* Univ of Delhi Oriel College Oxford Joined the I C S, 1935 having stood first in the I C S Competition in India Joint Magistrate and later Additional District Magistrate Cawnpore, 1935 39, Under Secy to the Govt of India Defence Dept and Secy, Indian Soldiers' Board, 1939 43, District Magistrate, Azamgarh and Regional Food Controller, Benares Region, 1944 47, Deputy Secretary Ministry of Defence, 1947 48 Head, Indian Military Mission, Berlin with military rank of Major General, 1948 50 and Head of the Indian Mission in Bonn with rank of Minister Plenipotentiary, 1949 50, appointed Dy High Commissioner for India in Pakistan, Sept 1950, acted as High Commissioner for India in Pakistan, Nov 1950 Aug 1951 *Recreations* Riding Shooting, Conversation *Clubs* Roshanara (Delhi), Chelmsford (New Delhi) *Address* C/o the Ministry of External Affairs and Commonwealth Relations, New Delhi

CHAND, H E Dr Tara, M A (Alld), D Phil (Oxon), Indian Ambassador to Iran, since Dec 1951 *b* 1888, *Educ* St Stephen's Mission School, Delhi, Meerut College, Meerut, Muir Central College, Allahabad Queen's College Oxford Professor of History Kayastha Pathshala College, Allahabad, Principal, K P U College, 1925-45, Professor of Politics, Allahabad Univ, 1945 47, Vice Chancellor, Univ of Allahabad, 1947, Pres, Secondary Education Conference, Secretary, Hindustani Academy, U P, Indian History Congress, Pres Indian History Congress, Secretary and Educational Adviser, Ministry of Education Govt of India, 1948 51 *Publications* A *Short History of the Indian People Influence of Islam on Indian Culture and Hindustani Address* Indian Embassy, Tehran, Iran

CHAND, Tek, B A (Punj) (Oxon) Bar at Law M P Advocate Supreme Court of India and Punjab High Court *b* April 9, 1909, *s* of Lala Dunichand, *m* Smt Hemvati Savitri one *s* Vikram and two *d* Anila and Anita *Educ* Anglo Sanskrit High School Ambala City Dayanand Anglo Vedic Coll, Lahore Catherine's Oxford *Publications* *La Legal Practitioners Law of Contempt Court and of Legislature*, *commentaries on Punjab Acts Child Marriage Restraint Act Recreations* Trekking Travel *Club* A D C Simla *Address* [illegible] North Avenue

CHANDA, Anil Kumar, B Com (Dacca) Senior Scholar, Dacca Univ (1925), B Sc (Econ) (Lond), Deputy Minister for External Affairs, Government of India *b* May 23 1906, *s* of late Kamini Kumar Chanda, some time Member, Imperial Leg Council and Central Leg Assembly and late Smt Chandra prabha (*née* Datta), *m* Smt Ranee (*nee* Dey) one *s* *Educ* Silchar Govt High School Santiniketan, Visvabharati Dacca, Calcutta and London Univs Lecturer Visvabharati, Secy to Rabindranath Tagore Principal, Coll of Arts and Science Santiniketan Professor of Politics Visvabharati Univ *Publications* Writes occasionally under the pen name Acacia *Recreation* Travelling *Club* Calcutta Club, Calcutta [illegible] Ministry of External Affairs, Council, Pres [illegible] Golder Road Cantonment Hill

CHANDA, Asok Kumar, B Sc, O B E (Jan 1949) to be Comptroller and Auditor General of India from Aug 1954 *b* 25th Oct 1902 3rd *s* of K K Chanda (Member Imperial Legislative Council, Chairman Bengal Home Rule League etc) and Chandraprabha Chanda *m* Monica, *d* of late J N Gupta, C I E, I C S, Member, Board of Revenue Bengal and *g d* of late R C Dutt, C I E, I C S, President, Indian National Congress, two *d* Anjali and Malabika, *Educ* Calcutta Univ, London School of Economics Joined Indian Audit and Accounts Service, 1926, on deputation with Madras Govt, 1937 39, Joint Secy, Govt of India, 1945 Member of Lend Lease Delegation to U S A, 1946, Adviser Punjab Partition Council, 1947, Additional Secy, Govt of India, 1947, Defence Delegation to U K, Nov 1947 and Feb 1948, Sterling Balances Delegation, May July 1948, Deputy High Commissioner for India in the U K Oct 1948-May 1949 Financial Commr for Rlys, 1949 52, Head of Railway Delegation to Europe 1950 and 1952, Secy Ministry of Production, Govt of India 1952 March 54 Officer on Special Duty, Office of the Auditor General, Govt of India March August 1954 *Recreations* Golf, Tennis and Swimming *Clubs* Delhi Gymkhana Calcutta, Shillong and Ranchi Clubs *Address* Ministry of Finance, Govt of India New Delhi 2

CHANDAVARKAR, Sir Vithal Narayan, Kt (1941) M A (Cantab) Barrister at Law Mg Director N Sirur & Co Ltd Cotton Mill Agents *b* 26 Nov, 1887 *el s* of the late Sir Narayan Ganesh Chandavarkar *m* Vatsalabai, 3rd *d* of Rao Saheb M V Kaikini of Karwar (N Kanara), *Educ* Aryan E S High School and Elphinstone High School, Elphinstone College, Bombay, and King's College, Cambridge Advocate, Bombay High Court 1913 26 Acting Professor of History, Elphinstone Coll, Bombay, July to October 1915 joined N Sirur & Co, 1920, member, Bombay Municipal Corporation, 1926 39, Chairman Law Cttee, 1928 29, Standing (Finance) Cttee, 1929 30 Revenue Cttee, 1930 31, Mayor of Bombay, 1932 33, Deputy Chairman Millowners Assoc, Bombay, 1935 1942, 1951 and 1953 Chairman in 1936, 1940 1941, 1943 1944, 1945, 1948, 1949 and 1950 Pres, Employers Federation of India, Vice-Chairman Bombay Univ, 1933 39, Chairman, Bombay City Branch Indian Red Cross Society, Pres, National Indian Liberal Federation (Calcutta) 1940 41, Member, Council of the Indian Institute of Science Bangalore, since 1935 and Chairman, since

CHANDKARAN, Sarda Kanwar, Advocate Supreme Court Ilies Ajmer Journalist Assoc *b* June 2) 1888 [illegible] Shri karan Advocate, Ramesh Chandra Virendrakumar and Dineshchandra and six *d* Smt Vidyavati Seth Vithaldas Rathi Sarladevi Jeelavati Chaturbhuj Lal hotia Sumitradevi Ganesh das Jaddha, Usha Sushil chandra Mohunta and Sudha Rendered good service during plague and floods suspended practice and suffered Imprisonment in non co operation movement [illegible] joined shuddi movement with late Swami Shraddhanandji, converted 2 lakhs of Malkana Rajputs, Chitas Mahrat Meos etc to Hindu ism Leader, Aryasamaj, Jansangh, toured throughout India for vedic religion and Hindu cause 2nd Dictator Arya Satyagraha Hyderabad-Deccan Arya Dictator for removal of Satyarth Prakash ban in Sind helped distressed people of Hyderabad State prior to Police action by the Govt of India celebrated his diamond jubilee, 1948 broadcast the spirit of freedom throughout Rajasthan and Madhya Bharat during the freedom movement of 1921 ex Vice Pres All India Hindu Mahasabha Vice Pres Bhartiya Jansangh, Rajasthan provincial branch ex General Secy, All India States People's Conference, Aryan Youths Conference *Publications* *Sarda Act*, *Shri Chandrodaya Dalitodhar*, *College Il Modern Education* *Ashayog Swatantra Ki* Vakhali ka Hatyakand Bhawan, Ajmer



CHANDRA, Chaudhuri Nanak, M A (C) Bar at Law, I C S, Secretary to the G India, Ministry of Rehabilitation, since July 1948 *b* Oct 10, 1896 *m* Smt Vidyavati two *s* and two *d* *Educ* Govt High School Multan and at Sidney Sussex Coll Asstt Magistrate & Collector 1 Asstt Commr Punjab, 1923 Commr, 1928 31, Junior Secy & Addl Secy to H C s Punjab and Deputy Secy to the Govt Punjab Rev Dept Dec 1931 41, Addl Secy to Govt Punjab Fin Dept Dec 1941 Secy to Govt Punjab Fin Dept 1942 46, Commr Jullundur Divn 1946 47 Commr Lahore Divn Feb 1947 Mar 1947 Financial Commr, Development March July 1947 Addl Secy to the Govt of India, Miny of Home Affairs, July 1947, Addl Secy, Govt of India, Miny of Relief & Rehabilitation Sept 1947 Hon Editor *Philatelic Journal of India Publications* Court of Wards Manual (Punjab) *Recreations* Tennis Stamp collection *Club* [illegible] Chana Club *Address* [illegible] New Delhi

CHANDRA, Mr Justice Harish, B Sc M Sc (First Class first) Puisne Judge High Court, Allahabad *b* Sept 15 1894, *s* of the late Gulzari Lal Advocate Allahabad High Court, *m* 3rd *d* of Radha Mohan Lal, Retired Judge, High Court, Jaipur one *d*, *Educ* Allahabad Joined the I C S, 1921 *Recreations* Riding Tennis *Address* [illegible] Road

CHANDRA, Bhai, B Sc, M L C (U P) Chairman Uttar Pradesh Legislative Council, since March 10, 1949 *b* Sept 20 1894 *s* of Dr Bhagavan Das, M A, D Litt and Chameli Devi, *m* Kripa Devi, *d* of Thakur Das of Haldaur (Bijnor, U P), *Educ* Central Hindu Coll (Allahabad Univ), Social worker connected with the Allahabad Seva Samiti and the Boy Scout Movement

elected member Benares Municipal Board (1923-25), served on many of its Cttees, elected member U P Legislative Council for three years (1937) Parlia[illegible] Local Self Govt Dept U P [illegible]ber, various Cttees of the [illegible]ture and Govt, re-elected to the U P Legislative Council 1940 was unanimously elected Dy Pres U P Leg Council Nov 1948, interested in problems of health and hygiene on which he has contributed many articles to the press *Recreations* Walking and hiking in the hills *Clubs* Kashi Club, Benaras and Dilkusha Club, Lucknow *Address* Shanti Sadan, Benares Cantt and Vikramaditya Marg, Lucknow

CHANDRA, Munish, M A LL B (Allahabad), Managing Director Daulat Industrial Corporation Ltd, Managing Director of Mayor (Agents) Ltd, Delhi *b* July 19, 1923 *s* of Murli Dhar Agrawal a prominent Advocate of U P *m*, *d* of Champa Lal, M I E I S L Retd Superintending Engineer, Punjab, two *d*, *Educ* D A V Coll, Dehra Dun took B A M A *and* LL B degrees *from Allahabad Univ* After education travelled *widely in India* seeing various Industrial Concerns, mostly big Industrial and Engineering Concerns and then took up Managing Directorship of the p[illegible] [illegible]s *Address* Civil Lines Ludhiana



CHANDRA Satish M[illegible] [illegible] Deputy Minister for Defence [illegible] India *b* Jan 17 1917 at Bareilly s of Brijlal, *m* Smt Rajkumari *Educ* Govt Agricultural Coll Kanpur Bareilly Coll Trustee Shyam Sundar Memorial Coll Chandausi Gandhi Eye Hospital Trust Aligarh Joined Congress, 1936 courted jail several times for Congress activities, *member* U P C C *since* 1939 Kasturba *Gandhi National Memorial Fund* Cttee 1947-49 Indian Constituent Assembly 1948-50 *ex-member Food Grains Investigation* Cttee Govt of India Central Board of Archaeology Central Advisory Council for Rlys Parliamentary Secy to the Prime Minister 1951 returned to the House of the *People* f[illegible] [illegible] D[illegible] S[illegible] Constituency [illegible] [illegible] [illegible]uts (U P)

CHANDRAMOULI, K, ex Minister for Local Administration and Co-operation Govt of Madras Graduated in Aberdeen, 1924 Joined Congress 1926 took active part in all National Movements under the leadership of Mahatma Gandhi, was President, District Committee, Guntur, for 4 years, *All India* Congress Committee for years Joint Secretary, Andhra Provincial Congress Committee for 2 terms and President, Andhra Provincial Congress Assembly for some time, President, District Board Guntur, 1938-40, member, Madras *Legislature*, 1937 member, Parliamentary Board for selection of candidates for Central and Provincial Legislatures, imprisoned, 1930 1941 and 1942 *Address* C/o Secretariat Madras

CHANDRASEKHAR, Shrimati M, B Sc [illegible] (Madras) B Sc (Hons) (London), Deputy Health Minister Govt of India, since Aug 12 1952 is the *d* of Kalathur Munisamy Pillai, Harijan leader and Tamil scholar of Madras *Educ* Madras Univ Kings Coll London First Harijan lady from South India to obtain a foreign degree attended courses at National Training Coll of Domestic Science and Westminster Technical College London and studied various aspects of Domestic Science underwent a practical course in Dietetics at the Middlesex Hospital, London, visited important Public [illegible]tion Institutions and [illegible] Public Health problems also attended a course of Free Lance Journalism at the London School of Journalism visited various educational institutions and social welfare centre in England Scotland Ireland, France Belgium Italy Switzerland and Czechoslovakia and gathered knowledge about their working Takes keen interest in social work especially in the education of under privileged women and slum improvement while at London is a member of the India League Y M C A and National Union of Stud[illegible] took active part in their public and [illegible] activities, member of various organisations connected with women's welfare social service and education first Harijan lady to be elected to the House of the People *Address* Ministry of Health New Delhi

CHANDRASEKHAR, Dr Sripati, M A, M Litt (Madras), M Sc (Columbia), Ph D (New York), Professor and Head of the Dept of Economics, Baroda Univ, since 1951, Director, Indian Institute for Population Studies *b* Nov 22 1918, *s* of Sripati Sarangapani and Mrs Sarangapani, Rajahmundry *m* Miss Dorothy Ann Downes, New York City U S A, one *d* Radha *Educ* [illegible] Mission Voorhess High Schoo[illegible] Madras Presidency Coll, Univ[illegible]s, Columbia New York and Princeton Universities, U S A Lecturer in Indian Economics Pennsylvania Univ, visiting Professor, Asia Institute, New York, 1944-46 Professor of Economics, Annamalai Univ, 1947-50 Director of Demographic Research *UNESCO*, Paris, 1947-49 member, Indian Delegation to International Conference of Agricultural Producers Paris, 1947, Indian *UNESCO* delegate to the International Family and Resources Conference, Cheltenham, 1948 represented Annamalai Univ at the British Empire Universities Congress Oxford 1948, UNESCO's delegate to the World Population Conference Geneva 1949 Pres First All India Conference on Family Planning Bombay 1951 *Publications India's Population* (New York 1946) *Indian Emigration* (Madras 1948) *Hungry People and Empty Lands* (Bombay 1952) *Recreation* Tennis *Address* Baroda University Baroda

CHANDRAVADAN, Ramanlal, I A Agent, The Vikram Mills Ltd *b* Jan[illegible] *s* of Ramanlal Lallubhai Millowner and Ex Pres, Ahmedabad Mill Owners Assoc *m* Smt Sulochana, two *s*, Niranjan and Kamal, *Educ* Gujarat Coll, Ahmedabad passed B A, 1943 Director Ramanlal Lallubhai Ltd Vikram Mills Ltd *Motilal* Hirabhai Spg Wvg and Mfg Co Ltd, Prabhat Trading Co Ltd Baroda, Wood and Chemicals Ltd Local Adviser to The Punjab National Bank Ltd travelled extensively in Japan Hong Kong and China *Clubs* Shahibag Club Orient Club Cricket Club of Ahmedabad [illegible] Bridge Abu



CHARAN, Satya, M A, B L, ex Commissioner for the Govt of India in the British West Indies including British Guiana *b* July 5, 1907, *s* of late Bansh Bahadur Lal and Shrimati Rajmati Devi *m* Shrimati [illegible]vati Devi three *s* and two *d*, *Educ* Jubilee High School and St Andrews Gorakhpur, Meerut College, Lucknow University, and Benares University St Andrews College, Gorakhpur, [illegible] D A V High School Gorakhpur and Allahabad, member, Board of High School & Intermediate Education Uttar Pradesh member of the Senate, Agra [illegible] [illegible] Education A[illegible] All India [illegible] Bearers (Oxford University) Civil Lines Gorakhpur (U P)

CHARI, V K Thiruvenkata Advocate General Madras since 1951 *b* Jan 30 1904 at Triplicane of Sri V [illegible] Krishnamachari Dy Chairman Planning Commission *m* Smt Padmini *d* of N Gopalaswami Ayyangar one *s* and one *d* *Educ* M A from Presidency Coll Madras, 1924 and B L from Law Coll Madras 1926 enrolled as Advocate Madras High Court 1927 Lecturer Law Coll 1933-37 *Club* Cosmopolitan Club Madras *Address* 152 Lloyds Rd

CHATTERJEE, Bimalananda, B A LL B D S S A Executive Secretary, Indian Conference of Social Work, since 1948, Vice Pres, International Federation of Social Workers Asstt Secretary General International Conference of Social Work *b* Dec 30, 1919 *m* Sheila Sakhwalker, *Educ* Robertson Coll Jubbulpore, Univ Coll of Law, Nagpur, and Tata Institute of Social Sciences Bombay, Huzur Works (Social Service and Reconstruction) Officer Dhrangadhra State 1945-47, on the staff of the Tata Institute of Social Sciences 1947-48, Founder member and Jt Hony Secy, All India Conference of Social Work 1947 associated with a number of social service agencies, attended many international conferences on social welfare travelled widely in Europe and the U S A member Executive Cttee Indian Council of World Affairs 1953-56 Member Editorial Board of the Indian Journal of Social Work *Publications* Several articles and papers on Social Problems and Social Work Jt Author *Students & Social Work* and *Study of the Adult Education* [illegible] *Address* Jehangir Mansions Rustom Sidhwa Marg Bombay

CHATTERJEE, Nirmal Chandra, M A LL B Bar at Law, M P Senior Advocate Supreme Court of India *b* Oct 19, 1895, *s* of Bhola Nath Chatterjee and Smt Sailabala Debi *m* Smt Binapani Debi, two *s* and three *d* *Educ* Univ of Calcutta and Univ of London and Middle Temple Was Judge Calcutta High Court member House of the People representing Dist Hooghly, Pres All India Hindu Mahasabha led Jammu Satyagraha movement along with late Dr Syama Prosad Mookerjee *Publications Awakening of New India, Problems of Jammu Recreations* Gardening Travelling *Clubs* Calcutta Club Chelmsford Club Delhi *Address* 22 Alipore Road Calcutta 27 7 B Pusa Road New Delhi

CHATTERJI, Gyanesh Chandra, M A (Punjab) I A (Cantab) Vice Chancellor Rajputana Univ since Sept 1953 *b* March 1 1894 3rd *s* of P C Chatterji *m* Ila Rudra only *d* of the late Principal S K Rudra of St Stephen's College, Delhi, two *s* and four *d* *Educ* St Stephen's Coll Delhi, Trinity Coll, Cambridge, England London Day Training Coll, Southampton Road, London Appointed to the Indian Educational Service as Prof of Psychology, C T Coll, Lahore, 1919, Prof of Philosophy, Govt Coll, Lahore, 1921 founded Laboratory of Experimental Psychology Lahore, 1927, Principal, C T Coll, Lahore, 1939, D P I and Education Secy, Punjab Govt, 1946 D P I and Education Secy, E P Govt 1947-49, Vice Chancellor, E P Univ, April July 1949 Member U P S C 1949-53 *Publications Commonsense Empiricism in Contemporary Indian Philosophy, Empiricism in History of Philosophy Eastern and Western* (G A Unwin), numerous papers in Indian and British journals *Recreations* Lawn Tennis, Golf, Bridge *Clubs* Delhi Gymkhana A D C Simla Sirhind Club [illegible] [illegible] Rajputana University

CHATTERJI, U N, B Sc (Hons) M Sc *D Phil*, D Sc, Fellow, National Academy of Sciences of India Editor of Publications, Indian Council of Agricultural Research, New Delhi, *Educ* Ewing Christian College, Allahabad and the University of Allahabad Lecturer, Agra College and Meerut College (Agra University), Assistant Editor of Publications, Indian Council of Agricultural Research *Publications* Research Papers in Plant Respiration articles on various subjects *Address* Editor of Publications Indian Council of Agricultural Research New Delhi

CHATTOPADHYAYA, Harindranath, M I Received Banner for Best Fighter for Peace (Nov 1950) from I U S Poet and Playwright *b* April 2 1898 *s* of Dr Aghorenath Chattopadhyaya, 1st D Sc of India and Smt Varada Sundari one *s*, Ramakrishna Chattopadhyaya, *Educ* Home and for 1 year Cambridge Univ for Lit Won a majority over Congr from Vijayawada constituency *Publications* *The Feast of Youth*, *Magic Dice*, *Perfume of Earth*, *Wizard's Masks*, *Out of the Deep Dark Mould*, *Cross Roads*, Poems and Plays Five Plays (Verse) *Life and Myself*, *The Divine Vagabond*, *Horizon ends*, *The Dark Well*, Lyrics *Blood of Stones*, *Treasury of Poems*, *Freedom Come* Five Plays (*Prose*), 15 *Dry Points* (Mukul Dey and Chattopadhyaya) etc Now in Press *I Sing of Man* (Poems) *Land of the New Man* (Impressions of his visit to Soviet Union) *Address* 4 12 Grama Street Nungumbakam Madras

CHATURVEDI, Mr Justice Brij Kishore, B A LL B, Bar-at-Law, Judge High Court, Madhya Bharat, since 1948 *b* Oct 21, 1904 (Calcutta), *s* of Pandit Banwarilalji, Holipura, Agra (U P) *m* Mrs Malti Devi two *s* and four *d* *Educ* Calcutta Aligarh, Agra London District Judge Legal Remembrancer and Offg Judge High Court Bikaner State (1930 39) joined Gwalior Service, 1939, Judge, High Court Gwalior State (1947) *Publications* Criticism of Modern Hindi Poetry and some articles on ancient Ujjain *Address* 18 Gandhi Road Gwalior

CHATURVEDI, Jugal Kishore, B A (*Hindi Hons*) Managing Editor *Daily Rashtradoot* Jaipur Convener Rajasthan branch of the Editorial Board for writing the History of Freedom Movement Ex Minister for Public Works and Refugee Rehabilitation, Govt of Rajasthan *b* Oct 14, 1905 *s* of Pt Makkhan Lal Chaturvedi General Secy Social Reforms Institutions and Nagri Pracharni Sabha Rewari took part in spread of education and editing papers, attracted to Non Co operation Movement and Congress activities in 1920 in student life started wearing khadi and took part in Civil Disobedience Movement in 1930 from Mathura courted imprisonment thrice from 1939 to 1948 while working on different offices in the Bharatpur Rajya Praja Parishad elected member, Municipal Board, Bharatpur 1941 elected to Brij Jaya Pratinidhi Samiti (Legislative Assembly) in 1944 Dy Chief and Education Minister of United State of Matsya March 1948 to May 1949, General Secy Rajputtana Provincial Congress Cttee Sept 1949 to April 1951 *Address* Jaipur

CHAUDHRI, Girdhari Lal, M A (1940), Minister of Public Works U P *b* November 16, 1912, *m* Shrimati Parvati Devi *of District* Bijnor, *Educ* D A V College, Dehra Dun, and Hindu University Banaras One of the leading members of All India Depressed Classes League, also an active member of the Indian National Congress, elected member U P Legislative Assembly, 1946 same year included in the Provincial Cabinet elected President of the U P Depressed Classes League 1947, re elected to U P Leg Assembly, 1952 *Address* Chukhu Mohalla Dehra Dun

CHAUDHRY, Manoharlal, Business man and Sheep & Poultry Farmer *b* Dec 21 1909, *s* of Ch Narain Datta of Bhakkar (Mianwali) Pakistan *m* Smt Lajwanti 1937 four *d* Lila Usha Sushma and Premila *Educ* S D Coll, Lahore up to B Sc (Tech), LL B, from Law Coll, Lahore took M A (Economics) after setting up practice Proprietor Chaudhry & Co, Exporters Managing Director Chaudhry & Co (Publications) Ltd, Journalist, Managing Editor *The Roar Mother Earth*, *Sehnad Granthi and India Today and Tomorrow*, Life Member, Bombay Natural History Society Member Royal Photographical Society Fellow Economic Society Founder Secy, Himalayan Explorers, Pres International Co operative Forum, Delhi Fellow, Royal Arts Society London *Publications* A few books including *Office Routine & Drafting*, *World at a Glance*, *Congress in Power*, *Personal Salesmanship*, *The Cheque & Law About it*, *The Delhi Sales Tax Act* 1 *Guide to Pakistan Courts*, *Political World of Last 4 Months* New Delhi



CHAUDHURI, Major General Joyanto Nath, O B I Chief of General Staff (Army HQ) since Sept 29 1955 *b* June 10 1908 *s* of A N Chaudhuri Barrister Calcutta *m* Aruna *y d* of H D Chatterjee of Calcutta two *s* Arjun and Ranjit *Educ* Hastings House Bishops College and St Xaviers College Calcutta Highgate School London and Royal Military College Sandhurst England Commissioned Feb 1928 served one year with 1st Bn North Staffordshire Regt, then posted to 7th Light Cavalry, during World War II saw service in the Middle East, Far East and was also instructor at Staff College, commanded 16th Light Cavalry in Burma and at end of war was Brigadier, i/c Administration, Malaya commanded the Indian Victory Contingent to London, 1946 and attended the Imperial Defence College in London in 1947, on return to India officiated as Chief of General Staff and later commanded 1st Armoured Division, mentioned in despatches five times, Military Governor, Hyderabad State till Dec 1949 commanded 1st Armoured Division Indian Army till Jan 10 1952 *Publications* *I Armd Div on Op Polo* *Recreations* Travel Study of political economy and music *Clubs* Cavalry Club London *Address* C o Lloyd Bank Bombay

CHAUDHURI, Nabakrushna, Chief Minister, Orissa *b* 1901 at Cuttack *s* of late Gokulananda Chaudhuri, Advocate, Cuttack *m* Srimati Malati Chaudhuri *Educ* Santiniketan took to agriculture 1927, joined the C D movement and led a movement for non payment of Chowkidary Tax in Balasore Dist 1930 established the Congress Socialist Party in Orissa 1934 started a newspaper *Sarathi* 1935 led the agitation against the oppression of the Durbars of Talcher and Dhenkanal



D P S elected member of Orissa Legislative Assembly led the left wing of the Congress Parliamentary Party imprisoned in 1942 movement, appointed Minister, Orissa 1946 Chairman of Cttee to recommend legislative and other measures for land reforms in the State resigned from the Ministry and legislature, 1948 drafted the final report of the Land Revenue and Land Tenure Cttee has been connected with the work of the Bajarat Chhatrabas, a model centre of basic education started by his wife Education in Orissa elected leader of the Congress Party in Orissa when Mr was a Minister of the Central Cabinet elected M L A Orissa in the general elections and again elected leader of the Congress Party *Address* Chief Minister Orissa Cuttack

CHAUDHURY, Dr Emran Husain, B A (Hons) M Sc Pol *b* Oct 24 1914, *s* of late Moulvi Hidin Chaudhury Jorhat, *Educ* Jorhat Aligarh Berlin graduated from Aligarh Univ 1934 Hony Secy, Univ Union 1934 35 represented Univ at All India Inter Univ Debate, Lucknow, 1935, gave evidence before Sapru (Unemployment) Cttee 1935 after completing M A (Econ) LL B Courses joined Berlin Univ as Alexander Von Humboldt Scholar, Nov 1936 studied under Prof J Jessen who was shot for being implicated in the Anti Hitler Putsch of July 20 1944 took D Sc Pol (Econ) from Berlin 1939 Asstt Lecturer Economics (Govt) Coll 1940 45 started Unemployment Bengal Famine Relief 1943, but owing to Govt policy organization broke down resigned post 1945 and returned to the Legislative Assembly from Sibsagar Dist Constituency (Muslim) on Muslim League ticket 1946 M L A (Assam), 1946 51 elected President, All India Riv Muslim Employees League June 1947 resigned Presidentship Dec 1947 elected Leader of the Opposition 1951 Lecturer J B Coll Jorhat divides time between Economics and Politics *Publications* *Der indische Arbeiterunterbürgerschen Herrschaft* *Address* Jorhat Assam



CHAUHAN, Devisingh Venkatsingh, B A (Hons) L L B Ex Minister for Rural Reconstruction and Education Hyderabad *b* March 2 1911 *m* Smt Bhagirathi Bai three *s* and two *d* *Educ* Poona and Nagpur Practised as Lawyer for some time later gave up legal profession and founded the Bharat Vidyalaya High School and worked as its Head participated in Satyagraha as launched by the Hyderabad State Congress 1938 & 1947 imprisoned for 14 months, 1947 was Secy Maharashtra Provincial Congress for two years Working Cttee Member Hyderabad Pradesh Cong since 1950 *Publications* Arithmetic in Marathi for 3rd to 7th Standard 4 articles on Jagirdari Abolition forms in various magazines 4 Service House Somajiguda Hyd

CHERIAN, Dr P V M B B S D T O (R C S) F R E P S (Glas) F R C S (Ed) M B I (1942), Chairman Madras Legislative Council *b* July 9, 1893 *s* of P M Varkey, Anchal Supt, Travancore State *m* Tara Jesudasen two *s* and three *d* *Educ* C M S College Kottayam, Madras Medical College, London Glasgow and Edinburgh Temporary commission in the I M S 1917 22 was in Iraq for 3 years Asstt to Prof of Surgery Madras Medical College 1923 25 specialised in of the Ear Nose and Throat in Glasgow, Edinburgh and Vienna Ear, Nose and Throat Surgeon General Hospital and Prof of Ear Nose and Throat Diseases Medical College Madras 1927 48 Principal, Madras Medical College, 1945 48 acted as Surgeon General Madras 1947 retired, Aug 1948, member, Syndicate of Madras Univ Alderman, Madras City Corpn Senior Mason and Past Pres, Rotary Club of Madras, Pres, Faculty of Medicine Madras Univ Ex Pres Board of Studies in Medicine, Madras Univ was Mayor of Madras *Recreation* Tennis *Clubs* The Presidency Club Madras Madras Gymkhana Madras Cricket Club Lawley Institute Ootacamund *Address* 5 Victoria Crescent Egmore Madras

CHETIA, Purnananda, B A (Calcutta), Deputy Minister Labour and Education Deptt Govt of Assam b Feb 19.. .t lat Ramakanta Chetia *Educ* Govt English High School and Coll Gauhati *Address* P O Shillong, ...

CHETTIAR, Dr A Chidambaranatha, M A, Ph D Professor of Tamil and Dean, Faculty of Oriental Studies, Annamalai Univ since 1946 *b* April 3, 1907, *s* of A Amirthalingam Chettiar and Parvathi Ammal *m* Periyanayaki Ammal June 30 1933 *Educ* Govt Coll Kumbakonam Annamalai Univ Lecturer Govt Muslim Coll Madras (1930 33) Lecturer, Govt Victoria Coll Palghat (1935) Lecturer, Annamalai Univ (1936 45) Acting Vice Chancellor Annamalai Univ (1948) Member Syndicate of the Univ, ... Managing Committee, Tamil Ency ... Madras Government Committee for ... of Poet Laureates, Board of Studies in Tamil Madras Travancore, Mysore, and Annamalai Univs, Pres Social Service League Annamalainagar *Publications* *History of Tamil Prosody* *Life of Sir Thomas* ... *Life of Booker T Washington* *Mundam* (a Book of Fifty Essays) *Clubs* ...ub Annamalainagar *Address* Professors Quarters, Annamalainagar (S India)

CHETTIAR, Dr Rm Alagappa, M A, D Litt LL D, Barrister at Law *b* April 1909 s of late K V Al Ramanathan ... *Educ* Presidency Coll ... Temple London had tw... the Chartered Bank, London, took Pilot Certificate while in London Managing Dir Alagappa Textile (Cochin) Ltd, Director Aston Spinning & Weaving Mills Ltd Cannanore & Asok Textiles Ltd, Alwaye awarded D Litt Honoris Causa by the Annamalai Univ and LL D by the Madras Univ Life Member Madras and Annamalai Univs Syndicate M... Madras Univ, donated for t... of Alagappa Chettiar Coll ... logy Madras Univ and also in Coll of Technology in Annamalai Univ, donated an endowment for Tamil Chair in the Travancore Univ donated the Umayal Hostel for girls in the Seva Sadan Madras and Maternity Ward and Hospital in Cochin in his mill, opened by Dr Rajendra Prasad endowed land and money, for the Thakkar Bapa Vidyalaya Madras, the foundation stone laid by Mahatma Gandhi, founded Dr Alagappa Chettiar Arts Coll, Karaikudi, with an endowment of Rs 20 lakhs and run by Dr Alagappa Chettiar Coll *Endowment* Trust Dr Alagappa Chettiar Training Coll Karaikudi inaugurated by late C R Reddi Alagappa Chettiar College of Engineering and Technology, Karaikudi foundation stone being laid by *President Rajendra Prasad*, founded Girls School in Kottaiyur, made an endowment of Rs 15 lakhs to the *Electro Chemical Research Institute* Karaikudi foundation stone laid by Shri Jawaharlal Nehru Prime Minister of India, 1948 and inaugurated by Vice Pres Dr S Radhakrishnan 1953 *Hobby* Gardening *Address* Krishna Vilas, Dr Alagappa Chetti Road Vepery, Madras

CHETTIAR, T S Avinashilingam, B A ... M P Ex Minister for Education, Ma... May 5, 1903 in Tiruppur *Educ* ... appa's Coll & Law Coll, Madras ... Advocate Madras High Court 1926 ... ed in public work and Education jailed in connection with Salt Satyagraha 1930 C D Movement 1932 Satyagraha Movements of 1941 and 1942 etc Founder Ramakrishna Mission Vidyalaya Coimbatore Pres Dt ... Cong s Cttee 1930 46 member, Central ...ly, 1935 46, elected M L A, Madras ...resident & Founder Tamil Valarchi ...m (Tamil Academy) which prepares ...lopaedia Minister for ... 1946 49 was respon... ...duction of Basic Education, Reorganisation of Secondary Education and Adult Education in the province *Publications* *Thirul* ...

Porulathara Nool Nankanda Mahatma and other books compiled and translated Swami Vivekananda's Thoughts on Education and his Indian Lectures *Address* Sri Ramkrishna Vidyalaya P O Coimbatore Dist S India

CHETTIAR, T Sundaram, B Com Managing Director East India Corporation Ltd, Cotton Merchants and owners of several Ginning Factories in the South *b* 1915 at Madurai *s* of Karumuttu Thiagarajan Chettiar *Educ* Passed B Com Exam, Calcutta Univ, 1938, Secy Saroja Mills Ltd 1939 48 now Director The Sree Meenakshi Mills Ltd Madurai Saroja Mills Ltd, Coimbatore Sree Rajendra Mills Ltd Salem, Madura Insurance Co, Ltd, Madurai President, Rotary Club, Madurai 1952 visited the U S A, U K and the Continent, 1948 Pres, Sri Visalakshi Kalasalai a High School in A Thekkur Ramnad District, member Trust Board, Thiagarajar Coll Endowment Trust *Club* Rotary Club Madurai (Pres) *Address* C/o Sree Meenakshi Mills Ltd Madurai



CHETTUR, H E Mr Krishna Krishna, M A, B L Indian Ambassador to Burma *b* 1901, *s* of P K Krishna Menon *m* Mrs Meenakshi Chettur, *d* of the late Sir Vasudev Raja of Kollengode one *d* Miss Jayalakshmi Chettur, *Educ* Christian Coll Madras, Law Coll Madras Joined Govt of India 1925 held various high appointments in the Central Board of Revenue and the Finance and Commerce Ministries, represented the Govt of India in trade negotiations with a number of countries, including Sudan, East Africa Switzerland, Yugoslavia, Iran, Afghanistan and Japan, participated in the Commonwealth discussions in London prior to the International Conference at Annecy (France) on trade and tariffs, 1949 Head of the Liaison Mission in Japan Political Representative with S C A P Indian Ambassador in Japan, 1953, Indian Ambassador in Burma 1953 *Recreations* Tennis Golf Gardening *Clubs* Delhi Gymkhana Club New Delhi Calcutta Club Calcutta Rangoon Golf Club Rangoon, Union of Burma Club Rangoon *Address* Indian Embassy Rangoon

CHHATPAR, Mr Justice Sundardas Jethanand, B A, LL B, Judge High Court of Saurashtra since April 5, 1950 *b* June 28, 1899, *s* of Jethanand D Chhatpar and Mrs Nanjibai J Chhatpar *m* Saraswati Thakurdas Reshamwala one *s* and four *d*, *Educ* N J High School Karachi, D J Sind Coll, Karachi Law Coll, Bombay Legal practitioner, 1924 40 Registrar (O S), Chief Court of Sind and Registrar of Companies and Firms for Sind, 1940 44 Registrar (A S), Chief Court of Sind, 1944-47, Official Assignee Karachi and Administrator General and ...ial Trustee for Sind, 1947 48, Registrar, ...shtra High Court, 1948 50 *Recreations* ... Billiards *Club* Rajkot Gymkhana Club Rajkot *Address* High Court of Saurashtra Rajkot

CHIMANBHAI, Chinubhai, B A Mayor Municipal Corporation Ahmedabad Mill Agent *b* Nov 1, 1909 *s* of Chimanbhai Lalbhai, *m* Prabhaben Manilal Jhaveri one *d*, *Educ* The Gujerat Coll, Ahmedabad *Address* Pankore Naka, Ahmedabad

CHIMNI, Major-General Sirdar Bakshish Singh, O B E Commander of an Area *b* 190. *Educ* Govt College Lahore Commissioned from Sandhurst 19.. with Mahrattas as Company C... later Q M for ten years was ... to the R I A S C (1936), Dy Asstt Q M G, 7th Indian Division, during World War II, ... Asstt Q M G, L of C Area, Burma *Chief Staff Officer, L of C* (101) ...n India until 1944, officiating Brigadier ...charge of A ... 1944 ...

Asstt Dir of Supplies and Transport, 505 Burma Dist, served in various capacities in Akyab and Ramree Islands commanded the R I A S C/R A S C units in Siam, Colonel-in Charge, Administration, Bombay Sub-Area, 1946 was Inspector R I A S C G H Q (India) ... of Armed ... divide the ... Pakistan, founder and head of the Military Evacuation Organisation took charge in the initial stages of the mass movement of refugees in the Punjab, after partition joined the Eastern Command as Major-General in Charge, Administration, Q M G in India March 1948—July 1951 ... Grindlays Bank Ltd, New Delhi

CHINOY, Sir Rehimtoola Meherally, Kt, cr 1936, Chairman of F M Chinoy & Co, Ltd, Bombay *b* Bombay 11th February 1882 *Educ* *Bharda New High School, Bombay* Member, Municipal Corporation 1915 29 Chairman of its Standing Finance Committee, 1923 24 and Mayor, 1926 27, elected member Legislative Assembly, 1931, President, Indian *Merchants'* Chamber, 1936, Life member, Indian Red *Cross* Society, 1921, its President in 1931, Non Official Adviser to the Government of India in connection with the Indo-Japanese Trade Negotiations member Stock Exchange Enquiry Committee 1936 37 member, Council of State (1936 47) President Federation of Indian Chambers of Commerce and Industry for 1937 38, Director of several Joint-Stock Companies, connected with several benevolent and philanthropic institutions in the City *Address* Meher Buildings, Chowpatty, Bombay 7

CHINOY, Sir Sultan Meherally, Kt (1939), J P *b* February 16, 1885, *m* Sherbanoo, *one s, four d* *Educ* Bharda New High School and Elphinstone College A pioneer in the Motor Car and Petroleum trade in India responsible for the introduction of Wireless Telegraphy in India on a commercial scale and founded the Indian Radio and Cable Com*munications* Co, Ltd Mayor of Bombay, 1938 39, *President*, Bombay Rotary Club, 1940 41, District Governor, Rotary I 89th *District*, 1944 45, raised large funds for the Bombay Hospitals *as a* member of Hospital Maintenance Committee and as Chairman of *the Silver Jubilee Motor Parade* Committee and the Motor Trade Sub Committee of the King George V Memorial Fund, organised Pageant in 1937 in aid of funds for Red Cross and again in 1940 in aid of the Amenities for Troops Fund, Bombay Presidency Chairman, The Manjri Stud Farm Limited *Recreation* Horse flesh *Address* Dilabhar Carmichael Road Bombay

CHOPADE, Solomon Govindrao, M B B S D C H, Consulting Physician American Presbyterian Mission Hospital Miraj and Professor of Medicine Miraj Christian Medical Schools *b* 1915, at Kolhapur, *s* of late Dr G L Chopade, Physician, Kolhapur *State Hospital*, *m* Manorama Mulkwad one *s*, Vinod and one *d* Vijaya, *Educ* Irwin Christian High School, Rajaram Coll, Kolhapur upto Inter Science, B J Medical School *Poona* upto final L C P S passed final L C P S Exam from Christian Medical School Miraj 1940 M B B S Exam 1950 completed Course in Children's Diseases and passed D C H examination of the Coll of Physicians and Surgeons Bombay, 1952 *Publications* Contributes articles to ...ical Journals *Recreations* Athletics ...ms *Address* Mission Hospital, Miraj (South Satara Dist)



CHOPRA, Major-General Mohinder Singh, Maj Gen, G O C, Inf Division, Indian Army, since Oct 1949 *b* Jan 12, 1908 *s* of Sardar Harnam Singh *m* Jagjit Kaur, two *s* and two *d* *Edu* R I M Coll, Dehra Dun

Royal Mily Coll, Sandhurst, England Commissioned, Aug 30, 1928, attached to 1st Battalion, The Royal Fusiliers for one year joined 1st Battalion, The Rajput Regiment, 1929 32, transferred to 6th Royal Battalion (Scinde), 13 Frontier Force Rifles as the First King's Commissioned Indian Officer in the newly Indianised Battalion was Staff Captain in the *Paiforce* promoted D A Q M G after six months in the same H Q, was G S O II Operations at H Q Sind District Karachi saw active service with a Frontier Force Battalion in Burma, 1943 promoted Lt Col and appointed Commandant at the Army School of Physical Training in Oct 1944 Inspector of Physical Training 1946 commanded the 1st Battalion Assam Regiment, 1947, Dy Mily Secy, Army H Q, India after partition was given command of Frontier Brigade Group, Oct 1947 *Address* Flagstaff House, Fort William Calcutta 21

CHOPRA, Col Sir Ram Nath, Kt, C I E, M A, M D, Sc D (Cantab) F R C P (London), I M S (Retd), Kt (1941) Director Drug Research Laboratory Jammu and Kashmir State *b* August 17, 1882, *m* Miss Permeshwari, *Educ* Punjab Univ, Downing College Cambridge, and St Bartholomew's Hospital, London I M S, 1908 21 Prof of Pharmacology School of Tropical Medicine and Medical Coll Calcutta, 1921 Director School of Trop Med 1935 41 Chairman Drugs Enquiry Cttee Govt of India 1930 31 Director Medical Services Kashmir State was Officer in charge of Indigenous Drugs Enquiry Drug Addiction Inquiry and the Medicinal Plants and Food Poisons Inquiry Fellow of the Royal Asiatic Society of Bengal Pres National Institute of Sciences of India Hony Member, Pharmaceutical Society of Great Britain served in the Great War, 1914 19 Hony Physician to the King 1935 39 Pres All India Science Congress 1947 Chairman, Indigenous Systems of Medicine Cttee Govt of India Member W H O Expert Cttee on Drugs liable to produce Addiction and International Pharmacopeia *Publications* *Anthelmintics and Their Uses in Medical and Veterinary Practice Indigenous Drugs of India* 4 *Hand book of Tropical Therapeutics* (in press) *Medicinal and Poisonous Plants of India* — 2 Vols *Address* Srinagar Kashmir and Akhnoor Road Jammu

CHORDIA, Shyam Sunder Lal, M A, Ex Managing Editor *The Illustrated Weekly of India* and The Crossword Competitions *b* Aug 4 1898 s of Motisinghji Chordia *m* Shrimati Harak Kumari four s and four *d* *Educ* The Maharana's School Udaipur and Muir Central Coll Allahabad Worked as Professor of English Govt Morris Coll Nagpur, visited Egypt is a member of the Indian Press Delegation 1950 51 *Publications* *Seekings and other Poems Chitor and other Poems Divine Indifference and other Stories* *Recreations* Yoga, Philosophy and Literature *Address* 8 Malabar Court, Ridge Road, Malabar Hill, Bombay

CHOTA NAGPUR Rt Rev George Noel Lankester Hall, Bishop of, since 1936 *b* Dec 25, 1891, *s* of George Hall Baldock, Herts *Educ* Bedford School, St John's College, Cambridge, Bishop's College, Cheshunt 1st Class Classical Tripos pt I 1913 pt II, 1914, 1st Class Theol Tripos pt II, 1915, B A, 1913, Lightfoot Scholar, 1916, M A 1918 Deacon, 1917, Priest, 1918, Vice Principal, Ely Theological College, 1919 25, S P G Missionary, Chota Nagpur, 1925 36 *Publications* *The Seven Root Sins*, 1936 *Recreation* Idle conversation *Address* Bishop's Lodge, Ranchi, F R

CHOUDHARY, Jaglal, ex Minister for Public Health and Harijan Welfare, Govt of Bihar *b* 1894 in a toddy tappers family, *m* *Educ* Pathshala in his home village Dist Saran, had a uniformly brilliant career won scholarships Medical College Calcutta Left Medical College in the sixth year class at the country's call, 1921 has been in political life since 1921 courted imprisonment several times for taking active part in political movements *Address* Ex Minister for Public Health and Harijan Welfare Govt of Bihar Patna

CHOUDHRI, Shrimati Kamla, Member Indian Parliament *b* Feb 22, 1908 at Lucknow *d* of Man Mohan Dayal a retired Dy Collector, *m* Dr J M Choudhri, a leading Homeopath two *s* and one *d* Entered Politics during the civil disobedience movement 1930 has been in the Congress since then has courted imprisonment several times elected member U P Provincial Congress Mahila City and District Congress Cttee was one of the Senior Vice Chairwomen, Reception Cttee of the 54th Session All India Congress member Standing Cttees Ministry of Health & Information and Broadcasting is a good Hindi writer her works being translated into other Provincial languages *Publications* *Unmad Fiune Yatra Bail Patra Chitron me Loriyan Poetry Compositions in Hadhi and Khari Bhasha etc* Translation of the Rubayyat of Umar Khayyam *Address* Vineet Kunj, Chipi Tank Meerut

CHOUDHURI, Mr Justice Binoy Kumar, B A LL P Puisne Judge High Court of Judicature Nagpur since Nov 1951 *b* April 2 1898 s of Dr J N Choudhuri Retired Civil Surgeon M P *m* Smt Alakananda *d* of K N Chaudhuri Bar at Law Calcutta two s and one *d* *Educ* Robertson Coll Jabalpur Univ School of Law Allahabad After practising at the Bar at Jabalpur joined the Judicial Service 1926 District and Sessions Judge 1947 51 *Recreations* Shikar and all outdoor games specially tennis *Clubs* Gondwana and C P Club Nagpur *Address* 5 Seminary Hill Nagpur

CHOWDHRY, Radha Krishna, M A LL B, Judicial Commissioner Himachal Pradesh since Sept 1950 *b* Nov 18 1898 s of R B Chowdhry *m* Smt Radhika Rani two s and one *d* *Educ* Allahabad Univ took M A in English literature standing first in the Univ also LL B Joined the U P Judicial Service 1925 was District & Sessions Judge Rampur *Recreation* Tennis *Clubs* The United Services Club Kanpur P N U Club Banaras *Address* Harvington Simla 1

CHUDASAMA, Mansinhji M, B A, LL B, (Bom Univ) Commissioner of Police Bombay since 1949 *b* April 25 1905, of a Rajput family, *m* Manherkunverba four *s* *Educ* St Xavier's College, Bombay Law College Poona and Ahmedabad Joined Imperial Police, Dec 1929 served as D S P in several districts of the Province and in Thar Parkar District in Sind where he had to deal with the Hur menace appointed D I G P N R Ahmedabad, 1947 Dy Inspector General of Police, C I D, Bombay Province, 1948 49 awarded I P M in the same year for long and meritorious service officiated as I G P for 6 months 1949 50 *Recreations* Tennis, Golf, Swimming etc *Clubs* Ahmedabad Gymkhana Club, Poona Gymkhana Club W I A A Club Bombay Willingdon Sports Club Radio Club, Bombay *Address* Carmichael House Carmichael Road Bombay 26

CHUNDER, Mr Justice Kamal Chunder, I C S M A (Oxon) B A (Oxon) (Hons) History, B A (Hons) (Philosophy) (Cal) Barrister at Law Puisne Judge Calcutta High Court since Jan 1949 *b* Jan 4 1895 s of the late Raj Chunder Chunder and Sirjukta Sushila Chunder *m* Gauri Mitter *d* of the late Rt Hon Sir B C Mitter Kt P C two *d* *Educ* Hindu School and Presidency Coll Calcutta, Pembroke Coll, Oxford Institute Pour jeunes Gens at Neuville Switzerland, Fitzwilliam Hall, Cambridge School for Oriental Studies London Asstt Magistrate and Collector, 1919 Jt Magistrate and Dy Collector, 1921 Asstt Publicity Officer Govt of Bengal 1922, Additional Dt Magistrate, Mymensing 1924 Addl Dt Judge Sylhet 1925 Dt and Sessions Judge at various districts in Bengal and Assam Commissioner Workmen's Compensation 1940 Acting Judge High Court, 1946 Addl Judge, High Court 1948 *Publications* *Ordeal* a drama staged at the Prince of Wales Theatre London *Recreations* Gardening, Photography *Clubs* Calcutta Club Calcutta Lake Club, Calcutta *Address* 82 Lansdowne Road Calcutta 26

CHUNG HSIEN, H E General Yuan, Ambassador Extraordinary and Plenipotentiary of the People's Republic of China to India *b* Feb 28 1904 in a worker's family in Changsha Hunan *Educ* Graduated from Hwangpu Military Academy 1924 After several years service in the Chinese National Revolutionary Army was promoted Director Staff Office of the Third Division Twentieth Army appointed Chairman Revolutionary Military Cttee Chinese Labour and Peasants Red Army in the East River Region Kwangtung, was Commander Plain Column of the Eighth Route Army of the 18th Army Group of the Chinese National Revolutionary Army and also Vice Commander of the Tzutung Military District in Shantung during the Resistance War against Japan Army Corps Political Commissar Chinese Liberation Army Chief of Staff East China Mily Area and Chief of Staff 3rd Field Army of the Chinese Liberation Army 1946 49 was Commander and Political Commissar Nanking Garrison *Address* Embassy of the People's Republic of China to India New Delhi

CLUTTERBUCK, H E Sir (Peter) Alexander, G C M G (1952) M C F R G S F Z S High Commissioner for the United Kingdom in India *b* 1897 *e* s of Sir Peter Clutterbuck C I E C B E etc *m* Dorita *yr* *d* of Francis Seymour Weldon 1921 one *d* *Educ* Malvern Coll (Scholar) Pembroke Coll Cambridge (Scholar) Served European War, Coldstream Guards 1916 19 entered Civil Service 1919 Colonial Office 1922 Secy Donoughmore Commission on Ceylon Constitution P S to Permanent Under Secy of State Dominions Office 1927 28 Member of U K Delegation to League of Nations Assembly 1929 Secy Newfoundland Royal Commission 1933 Deputy High Commissioner in South Africa, 1939 40 High Commissioner in Canada 1946 52 *Club* Travellers United Univ Rideau (Ottawa) *Address* C/o Commonwealth Relations Office London High Commissioner for U K in India New Delhi

COELHO, Vincent H, B Sc (Hons), Consul General of India Goa *b* July 20 1917 *Educ* Presidency College Madras I A & A S Under Secy to the Govt of India Ministry of Finance Under Secy Cabinet Secretariat Private Secy to the Prime Minister First Secy Indian Legation Berne, Indian Govt Trade Commissioner Egypt *Address* Altinho Panjim Goa

COOMARASWAMY His Excellency Chinnappah, C B E (June 1949) High Commissioner for Ceylon in India since Oct 1949 *b* Aug 25 1887 *s* of the late A Chinnappah of Jaffna Ceylon *m* Manikavarka *First* *d* of the late M Sabapathy Mudaliyar Ceylon three s and one *d* *Educ* Hindu Coll Jaffna Royal Coll Colombo Was appointed to the Ceylon Civil Service April 1910 held various Judicial and Executive appointments as Magistrate Dist Judge Registrar General and Govt agent retired as Govt Agent of the Northern Province April 1947 appointed to the Senate of Ceylon Oct 1947, has acted occasionally as Pres of the Senate *Address* No 8 Hardinge Avenue New Delhi

COOPER, Jal Manekji M [illegible] British Philatelic Association Ltd Hon Secy, *The Empire of India Philatelic Society b* March 29, 1905, *m* Lehmi, *d* [illegible] Framusji Cawasji one *d* Member Bombay Philatelic Society Philatelic Traders Society, The Air Mail Society etc Editor and Publisher of Indian Stamp Journal (a monthly Philatelic Magazine) Auctioneer and Philatelic Valuer, Dealer in Rare Stamps and all kinds of Philatelic accessories *Publications Indian Rocket Mails, Early Indian Cancellations Stamps of India, India used in Burma* and *India* Standard Bur



COOPER, Dr Rustom Nusserwanji, M S (Lond), F R C S (Eng) Hon Principal Medical Officer, Bai Jerbai Wadia Hospital for Children *b* April 3, 1893 *Educ* and London Surgeon Hon Co Surgeon K E M Hospital and Hon Emeritus in Surgery *Publications* Articles in Indian surgical journals *Recreations* Golf, Amateur Cinematograph *Clubs* Willingdon Club and Cricket Club of India London *Address* Marshall Lodge Cumballa Hill Bombay

COSSIMBAZAR, Maharajkumar Somendra Chandra Nandy, M A Head of the pioneer Zamindar family of Bengal Ratna Majumdar M A Univ M A 1930 Pres Governing Body Krishnath Coll (Berhampore) Maharaja Manindra Chandra Coll Calcutta) Maharaja Cossimbazar Polytechnic Institute Calcutta Krishnath Coll School (Berhampore) Maharani Kasiswari Girls School (Berhampore) Manindra Chandra Vidyapith (Sadalbad) Maharaja Sir Indra Girls School *b* Pres Central Calcutta Rifle Club British Indian Assoc Director Potteries Ltd Manindra Mills Ltd Jorjkaon Stone Co Ltd C B Syndicate Ltd Seaddah Cold Storage & Transport Ltd Indian Economic Insur Chemicals Ltd Pur Supply Co Ltd Proj Cossimbazar China Clay Mines (Singhbhum) Maharaja Cossimbazar Stone Works (Nalhati) Is an all round sportsman taking particular interest in Cricket and Football *Address* Sreepur Palace P O Cossimbazar Murshidabad 'Cossimbazar Hon Upper Circular Road Calcutta



COUSINS, James Henry *b* Belfast July 22, 1873, *Educ* Various schools of Ireland and partly in Trinity College, Dublin Private Sec Lord Mayor of Belfast Literary Editor New India Madras Principal Theosophical College Madanapalle, 1916 21 and 1933 37 Principal, Brahmavidya Ashram Adyar Madras 1922 28 Prof of English Poetry Keloguku Univ Tokyo 1919 20 and College of the of New York 1931 32, Organiser of Indian Art Galleries Mysore 1924 and Trivandrum, 1935, Head of the Department of Fine Arts Travancore University Art Adv to the Government of Travancore, 19 Lecturer on Indian Art and Culture in Japan, Europe and America a co founder of the Irish Literary and Dramatic Revival 1900, etc *Publications* Twenty two books of poetry and drama, collected in an Indian edition (Kalakshetra Madras, 1940) twenty two books of prose on art education philosophy etc summarised in 4 *Study in Synthesis* (Ganesh Madras 1934) *Address* 'Sevashrama' Adyar Madras 20

COYAJEE, Mr Justice Nariosang Hormazdyar, Judge, High Court, Bombay, since 1943 *b* Nov 24, 1897, *e s* of Hormazdyar Covajee M A, LL B, Advocate (O S), *Educ* John Connon High School, Univ of Bombay B A 1919, B Sc (Econ) (Lond), 1923 Barrister at Law, Lincoln's Inn Sometime Lecturer in Law and Officiating Principal and Perry Professor of Jurisprudence, Govt Law College Bombay Advocate (O S) High Court of Bombay *Clubs* Willingdon Sports Ripon, Bombay *Address* High Court Bombay Rylstone Carmichael Rd Bombay 26

CROCKER, Walter Russell, M A (Oxon) High Commissioner for Australia in India since 1952 *b* March 25 1902 *el s* of Robert Crocker Sheep farmer Parmiroo South Australia *m* Claire *yr d* of J F Ward, Headmaster of Prince Alfred College, Adelaide South Australia two *s* *Educ* Univ of Adelaide Balliol Coll Oxford Stanford Univ U S A British Colonial Service (Africa) 1930 34 Farming in Australia, 1934 35, League of Nations Geneva (Secretariat and I L O) 1935 39 Army 1939 45 Lt Col Croix de Guerre and Belgian Ordre Royal du Lion served under Mr R G Casey Governor of Bengal, Grain Collection Scheme 1945 46 Farming in Australia 1946 47 U N O Secretariat (Chief of Africa Section) 1947 49 Professor of History Australian National Univ 1949 52 *Publications The Japanese Problem, Nigeria Critique of Colonial Administration On Governing Colonies* Skiing Tennis Gardening *Clubs* Australian Club Pall Mall London Gymkhana *Address* High Commissioner for Australia Connaught Place New Delhi 1

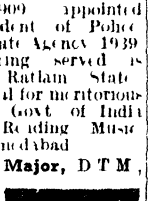
CUNDO, Quexova Sinai *b* May 7 1917, s of Esvonta Sinai Cundo and Mrs Laxmibai *m* Smt Annusaya *d* of Mr and Mrs Mukundrao [illegible] three *s* and one Govt in Portuguese activities as [illegible] entered business namely imports and sales of automobile accessories and also mining in Goa knows Portuguese Marathi English and Konkani widely travelled in *Address* P O Margao (Goa



URSETJI, Khan Saheb Karanjawala Sorab, Indian Police Medal Retired Police Officer b May 28 1888 *el s* of late Khursetji Shapurji Karanjawala a prominent Mechanical Engineer Ahmedabad and Ratanbai *m* Perin *d* of Mr S M Jamsedji Nowroji of Mangalore two *s* and two *d* *Educ* Govt High School Ahmedabad Joined Bombay Police, 1909 appointed Superintendent of Police Gujarat State Agency 1939 after retiring served as Commissioner of Police Ratlam State awarded Indian Police Medal for meritorious service, 1939 retired from Govt of India service 1945 *Recreations* Reading Music *Address* Khanpur Road Ahmedabad



da COSTA, Albert F W, Major, D T M, F R C S V D *b* Jan 13, 1889 *m* Emilia D Rocha Heredia *Educ* Bombay L M & S Calcutta D T M Edinburgh F R C S Entered M P Medical Service 1913 I M S, 1914 Officer [illegible] World War I, Third Afghan War and Frontier Expeditions [illegible] Ophthalmology, Ear, Nose and Throat in Robertson Medical School, Nagpur, 1921, Civil Surgeon, M P 1927 retired 1938 with the rank of Major, General Secretary Catholic Union of India member All India Medical Services Association Bombay Medical Union and former member of British Medical Association recipient of Volunteer Officers Decoration 1929 was decorated by His Holiness The Pope Pius XII with the Bene Merenti Gold Medal, May 30 1950 *Hobbies* Photography and Sport *Publications Entire Excision of the Uterus, Atresia of the Vagina and Cervix Uteri Tonsils and Adenoids Cholera Strangulated Hernia* Chateau d'Emilia Kamptee Road



DABOO, Raj Priya Dinshaw Rattanji, B A M I C Bombay State former Naib Dewan and member Executive Council of Baroda State *b* 25th Daboo family founded the Parsee General Hospital Daboo Students Hostels and several other charitable and religious institutions Himself, besides his other charities, gave a lakh of rupees to found a Girls High School at Navsari to commemorate the name of his late mother Bai Dinbai *m* Mrs Jerbai *d* of Dr Muncherji Jamasji Mistry Retd Civil Surgeon, Nov 1, 1923 *Educ* Elphinstone College, Bombay Joined his father's business of Forest and Public Works contracts Toured Europe and in 1912 Was Director The Associated Cement Cos Ltd Tata Hydro Electric Co Ltd Andhra Power Co, Ltd, Devkaran Nanji Investment Co, Ltd, The Navsari Electric Supply Co, Ltd, Ex member, Indian Council of Agricultural Research Director [illegible] Industries Ltd Member Bombay Legislative Council 1918 25, again from 1 Appointed Development Minister in accordance with new Baroda Constitution in 1944 by H H Gaekwar Member, Navsari Municipality, 1914 1942, its first elected President, 1923 1925, again 1934 1936 Member, Navsari District Board 1917 1942, its Vice President, 1918 1925, its first elected President in 1939 Director, District Co operative Bank, 1922 1942 its first elected President 1925 1942 Founded District Land Mortgage Co operative Bank in 1936 and its President, 1936 1942 Was member, Baroda Banking Inquiry Committee Baroda Education Board Agricultural Improvement Committee Baroda Economic Board Central Communication Board and almost all other committees appointed by the Baroda Government to advise the State in its administration Was given a civic address by the public of Navsari for selfless services to people in 1925 Was awarded titles of Raj Bhushan in 1927 Raj Ratna in 1936 and Raj Priya in 1943 Was awarded Gold Medal on the occasion of H H the late Maharaja's Diamond Jubilee *Address* Goonsikul Navsari (Western Rly)



DADACHANJI, Nariman Merwanji, M Sc Tech (Manchester) M Sc (Benares) Partner, American Colour & Chemical Co, Kumar Colour Trading Co United Corporation *b* Oct 1 1913 *s* of Dr Merwanji H Dadachanji, Medical Practitioner *m* Arnavaz N Dadachanji *Educ* Benares Hindu Univ and Coll of Technology (Manchester) Conducts an up to date laboratory for commercial testing of dyes and chemicals, has travelled extensively on the Continent and U S A on business Vice Pres Bombay Colour & Chemical Merchants Assoc *Publications* Thesis written on *The Fading of Naphthols* and *Bleaching of Textile Fibres by Pressurised Oxygen* at Manchester University *Clubs* [illegible] Sports Club of India Bombay Cricket Club of India Bombay



DAHANUKAR, Dattatreya Mahadeo, Director The Maharashtra Sugar Mills Ltd M I Dahanukar & Co Ltd New Asiatic Insurance Co Ltd *b* Dec 21 1911 *s* of M I Dahanukar *m* Mahti Pradhan one *s* *Educ* Bombay Pres Deccan Sugar Factories Assoc for 1952 53 Member The Indian Merchants Chamber and The Maharashtra Chamber of Commerce Bombay *Recreations* Swimming Golf Bridge etc *Clubs* Willingdon Sports Club Cricket Club of India Ltd Bombay Presidency Radio Club *Address Office* Industrial Assurance Building opp Churchgate Station Bombay 1 *Residence* Ratnakar Indraji Road, Malabar Hill Bombay 6



DAHANUKAR, Mahadeo Laxman, Managing Director, M L Dahanukar & Co Ltd, Managing Agents, The Maharashtra Sugar Mills Ltd and The Belvandi Sugar Farm Ltd *m* , three *s* working with him in his business Director, Dahanukar Sons Ltd, New United Construction & Eng Co Ltd The Amrut Oil Mills Ltd The United Commercial Bank Limited The Hindusthan General Insurance Society Ltd The Great Social Life and General Assurance Ltd, ex Sheriff of Bombay ex President The Maharashtra Chamber of Commerce, Employers delegate to the International Labour Conference Geneva, 1939, Ex member of the Committee of the Indian Merchants Chamber the Federation of Indian Chambers of Commerce & Industry, Indian National Committee of the International Chamber of Commerce, All India Organisation of Industrial Employers Provincial Housing Advisory Committee, Regional Disposal Advisory Committee, Bombay and other Govt Bodies member Employers Federation of India, Board of Trustees Bombay Port Trust Councillor Bombay Municipal Corporation (1932 to 1939), and Bandra Municipality (1930 34) takes active part in all commercial, industrial and social activities *Address* Shree Sadan, Carmichael Road Cumballa Hill, Bombay, Industrial Assurance Building opp Churchgate Station Bombay



DALAL, Merwanjee Bomanjee *b* 12th October 1901 Entered London School of Economics and Political Science 1919 Son of the late Sir Bomanjee Merwanjee Dalal and nephew of Sir Dadiba Merwanjee Dalal CIE High Commissioner for India in 1923 After completing his education joined the firm of Messrs Merwanjee & Sons and was one of its two active partners He is now running a similar business in his own name *Address* 4 b 47 Apollo Street Fort, Bombay



DALAL, Manockji Nadirshaw, Industrialist and Chartered Civil Engineer Sheriff of Bombay 1954 *b* January 7 1905, Member Royal Institute of Civil Engineers London Fellow Incorporated Assoc of Architects and Surveyors (London) Charles Hawksley Prize 1931, by the Royal Institute of Civil Engineers (London) after a period of service with British firms returned to India 1932, Member of the Court Univ of Delhi member, Council of State for nine years, Chairman Council of State Vice Pres, the Indian Branch of the Dominion Parliamentary Assoc at Delhi served on almost all Advisory Ctees of Ministries of the Govt of India like the Industries and Civil Supplies Ctee Supply and Munitions Production Ctee Central Advisory Council of the Railway Board Civil Defence Ctee Food Ctee Central Food Council Roads Ctee Commonwealth Relations Ctee Central Consumers Council etc member Ex Ctee, Anti Tuberculosis Assoc Delhi Secy, the Engineering Industries Sub Ctee of the National Planning Ctee 1939 etc Chairman M V Taxation Enquiry Ctee appointed by the Govt of India 1950 Pres and member of Council Indian Roads and Transport Development Assoc India, Dir representing India on the International Road Federation, in Bombay served on the Board of Communications, Provincial Transport Authority Traffic Advisory Board Famine Relief Ctee, Food Council, Food Advisory Board, Western Railway, Local Advisory Council, etc member, Executive Ctee of the Indian Merchants Chamber Director important public companies [illegible] Co and Industrial concerns *Address* Cuffe Parade, Bombay 5

DALMIA, Jaidayal *b* 1905 younger brother of Seth Ramkrishna Dalmia *m* Shrimati Krishna 7 *s* and 2 *d* *Educ* Privately A leading Industrialist and an able executive has wide knowledge of machinery and plant, keenly interested in mass literacy labour problems and maternity welfare has travelled in India and Europe, has visited workshops of many important machinery manufacturers in Great Britain and the Continent and has good experience of different processes of cement manufacture a keen student of mechanical and electrical engineering Chairman Dalmia Cement (Bharat) Ltd *Hobbies* Industrial Chemistry Numerology, Tennis Photography *Address* 2, Hardinge Avenue, New Delhi



DALMIA, Seth Ramkrishna 7 April 7 1893 *s* of Seth Harjimal one of the biggest industrialist and financiers his ancestors noted for their love of spiritual service, belonged to Dalmia village in the Punjab States from where they migrated to Rajputana, *Educ* Without the help of a tutor by reading books in leisure time practical experience and natural gift, acquired knowledge specially in [illegible] and joined [illegible] Hindi Punjabi Gujrathi and English, all of which he speaks well and with ease, well read in Hindu scriptures, started career at the of 12 on Rs 10 per mensem as an appr with his maternal uncle, is the founder Dalmia Jain Group of Industries consisting of many companies including bank, insurance and investment companies chains of cement and sugar factories chemicals biscuit factories aviation companies railways collieries, publishing house and newspapers some of the important companies being Bennett, Coleman & Co Ltd (*The Times of India Evening News Illustrated Weekly of India, Filmfare*) (English) *Nav Bharat* and *Dharmayug* (Hindi) Bharat Insurance Co Ltd Patiala Biscuit Manufacturers Ltd, Dalmia Dadri Cement Ltd Allahabad Law Journal Co Ltd Allen Berry & Co, Ltd Jaipur Udyog Ltd Sawai Madhopur Dehli Glass Work Ltd etc [illegible] public [illegible] just a few in his hands had its ups and downs in his career but his finess and strong will power raised him to his present position common industrial career 15 years ago he is today the biggest industrial magnates in the his industrial enterprises are of public benefit and utility, and his centres of activity have grown into self sufficient towns, named after his ancestors and relations Dalmianagar (Bihar) Dalmipuram (South India) Dalmi Dadri (P E P S U) Ramkrishna Nagar Sawai Madhopur (Rajasthan), and (Karachi, Pakistan) one of philanthropists, his charities schools and other institutions such as hospitals, widows homes, poor houses and religious institutions being run by Dalmia Jain Trust Bhrugiraj and Yogiraj Charity and Dalmia (Jind State) Trust eats the [illegible] for [illegible] wears cheap and unostentatious [illegible] ing his personal to the [illegible] ties of life, his com are wide [illegible] d he is on terms friendship with leading politicians religious and social leaders a staunch Hindu, orthodox in his living and having implicit faith in his own religion he has respectful regard for other religions took up the cause of protection [illegible] and the realisation of his dream of one day the abolition of territorial all owing allegiance to one Flag one [illegible] speaking, one [illegible] having at least bread, clothing and [illegible] hout discrimination leading simple contented and peaceful life —realising Supreme Bliss — God head *Hobbies* Study of Hindu Philosophy and propagation of Adwait *Address* Dalmia House, New Delhi

DAMLE, Sadashiv Chintaman, M Sc [illegible] (Lond), M Sc 1st Class (Allahabad), B Sc 1st Class with Homersham Cox Gold Medal Hon Secy Treasurer Actuarial Society of India Consulting Actuary *b* August 8, 1908 at Banaras *m* Indutai, *d* of Gopal Ganesh Athavle Cloth Merchant Bombay, 1940 *Educ* Harish Chandra High School, Banaras Queen's Inter College Banaras Muir Hostel Allahabad Univ Univ Research Scholarships and D Sc Research Scholarship Department of Mathematics Allahabad Univ 1935 37 Member Working Ctee Allahabad Univ Mathematical Assoc 1929 30 General Secy Muir Hostel Allahabad Univ 1930 31, worked in Great Social Life and General Assurance Co Ltd, Bombay 1941 42 and was the General Manager from Aug 21, 1941, Progress Officer, Directorate General of Supply (Govt of India) Jan 1943–Dec 1945, Hon Secy and Treasurer Actuarial Society of India since 1951 *Publications* *The 'f' Method for the Expression of Multiple Life Contingencies in terms of last Survivor Statuses* published in the "Journal of the Institute of Actuaries Students Society London (Vol IX July 1950), other articles and mathematical notes published in India *Address* 1st Floor 91B Cawasji Patel Street, Fort Bombay 1

DAMODARAN, Govindaswami Rangaswami, B Sc (Mech Hons) (Durham) M I E E (Lond) M I L (India) M P Principal and Prof of Mechanical Engineering, P S G and Sons Charities College of Technology Peelamedu Coimbatore Dist *b* Feb 6 1915, at Coimbatore late Dewan Bahadur P S Rangaswami Naidu *m* Smt Rukmani, 1943 one *s*, *Educ* Sarvajana High School Peelamedu, Govt Arts Coll Coimbatore Kings Coll Durham (Eng) Director P S G and Sons Charity Industrial Institute Peelamedu, member Indian Standards Institution (Electrical Section) Board of Studies in Engineering of Madras and Annamalai Univ Board of Studies in Textile



Social Service League Coll of Arts Coll, South India Engineers Lecturers Assoc Inter Coll Assoc 1951 52, Editor Kalaikathir Tamil Scientific (Tech) Monthly Chairman, Development Council (Internal Combustion Engines and Power Driven Pumps) Govt India 1953 *Recreations* Tennis Music *Clubs* Rotary Club and Cosmopolitan Club Madras Ambarangam Kamaraja Nagar ields Coimbatore (South India)

DAMRY, Purviz Nadirshah, B A (Hons) (Oxon) M A (Oxon), I A S, Commissioner of Labour Bombay State since 1950 District Magistrate, Ahmedabad *b* March 13, 1911 s of Dr and Mrs N D Damry *m* Zarine Kothavala, one *d* and one *s* *Educ* St Paul's School London Christ Church, Oxford Joined Bombay Civil Service, 1937, Collector and D M, East Khandesh, 1944, Collector and D M, Sholapur, 1945, Collector and D M, Ahmedabad, 1947 50 *Recreations* Study of Greek Vase-Painting *Clubs* Dhulia Club Sholapur Club Jalgaon Club and Ahmedabad Club *Address* C/o Secretariat Bombay

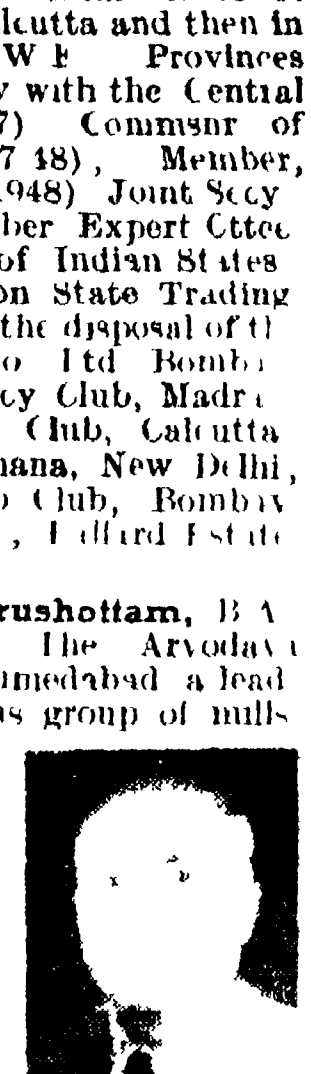
DANDEKAR, Gopal Ganesh, L M T (Baroda) Mechanical Engineer, Bhiwandi (Thana Dist) *b* 1885, *Educ* Kala Bhuwan Technical Institute Baroda Founder and Managing Director G Dandekar Machine Works Ltd, Bhiwandi, ole Director Dandekar Engineers Ltd Bhiwandi, Pres Mahratta of Commerce & ies, Poona, 1950 51 widely in the United Kingdom and



Europe 1948, member State Advisory Council of Industries Bombay 1953 *Address* Bhiwandi (Thana District) *via* Kalyan

DANDEKER, Narayan, I C S B Sc (Econ), (London) (Hons), B Com (London) (Hons), A S A A (Hons) A C A (Eng) A C A (India) Ex Joint Secy States Ministry Govt of India *b* June 24, 1908, *s* of M K Dandeker (deceased), Madras, *m* Manorama (*nee* Sushila Kibe), *d* of Sardar Kibe, Indore three *s* *Educ* St Mary's European High School Madras Univ Coll, Colombo, Ceylon, London School of Economics London, School of Oriental Studies, London Joined the I C S, 1931, Commissioner of Income Tax (1941 44), at Calcutta and then in Punjab Delhi and N W F Provinces (1944 46) on special duty with the Central Board of Revenue (1946 47) Commsnr of Income Tax, Bengal (1947 48), Member, Central Board of Revenue (1948) Joint Secy States Ministry (1948), member Expert Cttee to enquire into Finances of Indian States appointed member, Cttee on State Trading Oct 1949 services placed at the disposal of the Scindia Steam Navigation Co Ltd Bombay Nov 1949 *Clubs* Presidency Club, Madras Club and 300 Club, Calcutta and Delhi Gymkhana, New Delhi, Gymkhana Radio Club, Bombay C/o Scindia House, Ballard Estate Bombay

DANDNAIK, Gujubhai Parushottam, B A LL B General Manager The Arvodaya Spinning & Mfg Co Ltd Ahmedabad a leading unit of Sheth Mangaldas group of mills since 1945 *b* Aug 30 1909, *m* Smt Jayaben Dandnaik one *s* and three *d*, *Educ* Baroda and Ahmedabad was a companion to Sir Pratapsingrao Gaekwar the Highness of Baroda during study and was awarded scholarship Began practising at the Bar at Baroda, 1935 was a successful practitioner Court ted cases in



Kaira District also joined textile Industry as Secy in one of Sheth Kashturbhai Lalbhai's Mills at Ahmedabad, 1938, quickly rose to the position of Manager was on the Mg Cttee, of the Ahmedabad branch of the Textile Assoc of India and also on various Cttees of the Central Textile Assoc of India has ded over lectures conducted under the es of this Assoc *Recreations* Reading lly books on scientific theory textile manufacture Income Tax & Company Law Long Drives *Address* Laliwala Building Maninagar Four Roads Ahmedabad

DANGE, Shripad Amrit All India Trade Union 1899, has two *d*, *Educ* Bombay Member, Central Cttee and Political Bureau of Communist Party of India, Vice Pres, World Federation of Trade Unions courted Jail for over 13 years under the British Govt and the Congress Govt for conducting strikes struggles and political activities on behalf of the Communist Party *Publications* *India from Primitive Communism to Slavery* 1949, *Hell Found* *Lenin*, 1921 *Address* Dadar, Bombay 14

DAPHTARY, Chandra Kisan, M A (Cantab), Bar at Law Solicitor General, Govt of India, since July 1951 *b* April 1, 1893 *m* Sushila, *d* of the late A C Chatterjee, Officer, League of Nations Staff *Educ* St Paul's School London Magdalene Coll, Cambridge, called to the Bar, January 1917 Advocate, O S, High Court, Advocate General Bombay till July 1951 *Address* 68 E Nepean Sea Road Bombay New Delhi

DAS, Mr Justice Bachu Jagannadha, M A M L Judge Supreme Court of India *b* July 27 1893 *Educ* Madras *Address* Judge, Supreme Court of India New Delhi

DAS, Debesh Chandra, I C S, B A (Honours) Secretary Union Public Service Commission, since August 1951 *b* Sept 1 1911, *Educ* Calcutta and London Universities, first class first in English Honours, Middle Temple, London Entered the I C S, by open competition, 1934, Under-Secy to the Govt of Assam, Home and Political Depts, 1938 40, Under Secy to Govt of India, Home Dept, 1940 43 Deputy Secy to Govt of India, Home Dept 1944 47, Civil Passage Controller, Govt of India 1946, rejoined Assam Govt 1948 Additional Chief Secretary and Development Commissioner, Govt of Assam and Chief Secretary Govt of Assam Pres, All India Bengali Literary Conference *Publications* *Premu Rag* a book of love lyrics and *Europa* a book on Europe in Bengali with foreword by Tagore and in Hindi with foreword by President Rajendra Prasad *Recreations* Music Photography and Literature *Club* Delhi Gymkhana Club *Address* New Delhi

DAS, Mr Justice Gopendranath, M A First B L First Class First, Judge, High Calcutta Is the *s* of Chandra Das and Bidhu Mukhi, *m* Manimala Das four *s* and one *d*, *Educ* Presidency Coll, and Univ Law Coll, Calcutta, Research Scholar, Mathematics and Law Advocate High Court, Calcutta Lecturer, Law Coll Calcutta *Publications* *Principles of Equity* *Recreation* Gardening *Address* 125 Vivekananda Road Calcutta

DAS, Jagannath, M A (Calcutta Univ), Landed Proprietor Member Indian Parliament *b* 1893, *s* of late Radhashyam Das, *m* Shreemati Promila Devi, *d* of Rai Bahadur Rajkisore Das of Cuttack, one *s* and one *d*, *Educ* Cuttack Ravenshaw College and Calcutta University Was managing his own Estate, 1921 27, became Executive of Balasore District Board, 1927, Member Bihar and Orissa Legislative Council, 1930 35, member Orissa Legislative Assembly, 1936 45, courted jail in the struggle for Independence Central Legis *creations* Agriculture *Address* Village and Post Kantapari, *via* Rambag, Dist Cuttack Orissa E Rly

DAS, Kameswar, M Sc B L Univ medal and prize holder, Advocate Assam High Court Ex Chairman Assam Public Service Commission, *b* March 1, 1893, *s* of Rameswar Das and Promila, *m* Choudhury Gayatri, three *s* and two *d* *Educ* High School, Barpeta Cotton College, Dacca College Univ and Ripon College Accounts Officer Tata Industrial Bank, Calcutta (1919 20), business (1920 23) al profession (1923 47) elected twice Assam (1927 29), resigned, Jan 1930 Congress direction Chairman, Barpeta Local Board (1930 32) Assam (1937 47), resigned, Oct Imprisoned Satyagraha (1940 41) Movement (1942 44) interned (1944 45) Founder Secy and Principal Barpeta M C College (1939 47) Founder Pres, Bajali High School, ex Pres D C C Barpeta, ex Member A P C C A I C C, Promoter, ex Director Bhaskar Insurance Co Ltd, Promoter ex Director, Assam Industrial Corporation Ltd, ex Member Y M C A Calcutta ex Secy and President Edward Public Library, Barpeta *Address* Gauhati Assam

DAS, Nabagopal, Ph D (Econ) (Lond) I C S, Secretary Commerce and Industries Dept West Bengal *b* 20th Feb 1910 *m* Uma Gupta 1934 *Educ* Calcutta University and London School of Economics University of London Lord Irwin Gold Medalist Bireswar Mitter Gold Medalist and Griffith Memorial Prizeman (Arts) In the I C S since 1932 served in the districts in Bengal and also in the Bengal Secretariat as Special Officer Finance Department and Employment Adviser, Agriculture and Industries Department Agricultural Marketing Adviser to the Govt of India 1941 43 Secretary Post War Reconstruction Cttee Govt of Bengal 1944 45, Regional Director of Resettlement and Employment Bengal and Assam 1945 47 Dir General of Resettlement & Employment Ministry of Labour Govt of India 1947 52 *Publication* *Banking and Industrial Finance in India* *Industrial Enterprise in India* *Industrial Planning Why and How* *Agriculture in India Past Present and Future* *Unemployment Full Employment and India* *Indian Industrial Labour* a number of novels and short in Bengali *Address* C/o Grindlays Ltd, 6, Church Lane Calcutta

DAS, Pandit Nilakantha, M A, Poet and Editor *b* August 5 1884 *m* Srimati Radhamani Debi (1905) Founded residential open air private High School at Satyabadi on new lines social work in flood and famine, appointed by Calcutta University to Post graduate Professorship in 1920, joined Non co operation, imprisoned four times fined heavily, became Provincial Congress President, Utkal, and President, Utkal All-Party Conference, elected Chairman, Reception Committee, I N Congress, Puri Session Member, Delhi University Court for 6 years Chairman, Orissa University Committee M L A (Central), 1924 30, again from 1935 45, M L A (Orissa), 1952 *Publications* Books for children on new lines Critical Treatises, Essays, etc, a new thesis on the Gita with commentary, Evolution of Oriya Literature *Address* Editor, the *Nababharat* Cuttack 2, Village and P O Sriramchandrapur, Dist Puri Orissa

DAS, Omeo Kumar, B A, *Minister* for Labour and Education Govt of Assam *b* 1896, at Tezpur, *m* Sita Puspalata Das M A, 1942, *Educ* B A in 1917 joined Law College, but gave up studies in 1920 movement Started his career as a journalist on a Calcutta daily, edited *Banhi*, a cultural monthly magazine of Gauhati, was editor of Weekly *Assamiya*, an Assamese weekly of Gauhati one of the student leaders of Assam since 1916, joined Non Co operation movement in 1920 21 imprisoned in 1930 movement, again gaoled in 1932, 1941, 1942 and detained till

1945, member of the A P C C, member, Constituent Assembly till 1947 when he resigned after his inclusion in the Assam Ministry, elected to Assam Assembly, 1937, again elected in 1946 led the Indian Delegation to I L O Conference Geneva 1949 Food and Agriculture Minister, Assam till 19.. *Publications* Gandhiji's *My Experiments with Truth* in Assamese *Address* Tezpur Shillong (Assam)

DAS, Smt Pushpa Lata, M A (Oblfd in (Andhra Univ) Member of Parliament *b* March 1927, *d* of Rameshwar Saikia and Smt Swarnalata Saikia *m* Omeo Kumar Das Minister of Education and Labour Assam, one *d* *Educ* Pinbazar Girls High School Banaras Univ Coll, Andhra Univ Coll and Final Law Coll Joint Secy Assam P C C (Women's Section), member Women's Sub Cttee of National Planning Cttee Pres Girl Students Federation Executive Cttee of the Assam Student Federation member A S I F 1947, participated in individual Satyagraha movement 1941 was arrested and imprisoned for one month courted jail for three and a half years 1942 Sub editor of *Jayashri* (Women's Section Monthly) *Publications Manastattikar Chakat Sishu Hammnath Dithakar Sapan Chinar Sadhu Mukhis Jeevan Leerations* Music Spinning and Cookery *Address* Shillong, Assam



DAS, Ramnath, B L, Minister in Charge of Forests Electricity Legislative and Press, Government of Assam *b* 1910 at Nazira Assam *Educ* Cotton College Gauhati B A, 1932 B L 1935 Elected member of Assam Legislative Assembly since 1936, joined the Congress Coalition Ministry 1938 resigned 1939, P W D, Electricity and Transport Minister, Assam, till 1952 *Address* Nongthymmai Shillong, Assam

DAS, Mr Justice Sudhansu Kumar, B A, Permanent Judge, Patna High Court, since 1948 *b* Sept 3 1898 *m* Rabeya Choudhuri of Pabna, Bengal, *Educ* Collegiate School, Krishnagar (West Bengal) Presidency College, Calcutta, and London School of Oriental Studies, London Joined the Indian Civil Service by competitive examination held in London in 1921, served in Bihar and Orissa as Asst Magistrate & Collector later as District & Sessions Judge, Registrar, Patna High Court, Judicial Secretary & Legal Remembrancer, Labour Commissioner, Govt of Bihar, appointed Officiating Judge, Patna High Court, 1944 and then Additional Judge since 1945 *Address* Chhajjubag, Patna Bihar

DAS, Mr Justice Sudhi Ranjan, Judge, Supreme Court of India *b* Oct 1, 1894 *e s* of late Rakhal Chandra Das, *m* Swapana, 2nd *d* of late Rai Bahadur S B Majumdar, 1919, two *s* and one *d*, *Educ* Tagore's School, Santiniketan Bangabasi College, Calcutta, Univ College London Graduated, Calcutta Univ, 1915, I L B (Lond) 1st class 1st, 1918, called to the Bar, Gray's Inn, 1918 Joined Calcutta Bar 1919, Lecturer Univ Law College, Additional Judge, Calcutta High Court, 1942 44, Puisne Judge, Calcutta High Court, 1944 49, Chief Justice East Punjab High Court, 1949 50 *Recreation* Tennis *Club* Calcutta *Address* Supreme Court New Delhi

DAS-GUPTA, Dr Hirendra Nath, M Sc (First-class) (Silver medallist) D Sc, Professor of Chemistry, Fuels & Metallurgy, Indian School of Mines Dhanbad *b* November 1904 *s* of Surendra Nath Das Gupta, of Narasingha Das family of Kullasree *m* Sm Parul Das Gupta, B A two *s* *Educ* The University of Calcutta Bengal Worked as a Chemist under Bengal Paint and Varnish Mfg Co, Dum Dum upto the end of 1929, awarded a Post Graduate Research Scholarship by the Govt of Bengal for carrying on original investigation on organo arsenic drugs, 1930 33 Lecturer in Inorganic Technology and Silicates in the Department of Applied Chemistry, Calcutta University, 1933 48, Council Member, Indian Chem Soc 1948 50 Ex Com Member C I 1942 47 *Publications* Published 41 papers embodying the results of original investigations in branches like organo arsenic compounds glass and silicates sulphur phosphorus, analytical chemistry and metallurgy *Address* 83 Hari Nath De Road, Calcutta 9

DAS GUPTA, Dr Jayanta Kumar First Class Honours in English M A (London), Principal, Darbar Vindhya Pradesh *b* March 19, 1901, *el s* of late Rai Sahib Aswini Kumar Das Gupta, Retired Inspector of Schools Bengal Educational Service *m* Indrapibha Roy three *s* and three *d*, *Educ* Calcutta and London Universities Was for some time on the staff of the School of Oriental Studies Univ of London formerly Principal Maharaja Coll Chhatarpur Vindhya Pradesh Member of the Senate Executive Council, and Faculty of Arts of the Agra University, Member of the Central Board of Secondary Education Ajmer *Publications Life and Works of Bankim Chandra Chatterjee* (University of Calcutta) College and University text books author of a large number of research papers contributed to various important journals in India and abroad *Recreations* Reading Newspaper cutting Fine Arts *Clubs* Venkat Club, Rewa V P The Indian P L N *Address* Darbar College Rewa Vindhya Pradesh Civil Lines Bungalow No 15 Rewa, V P



DAS GUPTA, Prodosh K, I A (Ind) Sculpture Govt College of Art & Craft Calcutta *b* Jan 10 1912 *s* of Nalini Nath Das Gupta, Retd District and Sessions Judge and Smt Charu Bala Das Gupta *m* Smt Kamala Poduval *d* of late Dr A R Poduval of Trichur, Travancore-Cochin State one *s*, *Educ* The Scottish Church Coll Calcutta Univ Lucknow Govt School of Arts & Crafts Madras Govt School of Arts & Crafts, School of Sculpture Royal Academy of Arts London I C C Central School of Arts & Crafts London Worked as a professional sculptor for 10 years before joining Baroda Univ as its Reader and Head of the Dept of Sculpture executed many important creative works as well as commission works in bronze stone cement and terra cotta, represented India in the International Sculpture Competition held in London, March 1953 Founder member Calcutta Group the premier art organisation of India with modern and progressive outlook in art Acting as its Secretary since 1946 *Publications* Articles on art in periodicals a book on his works of Sculpture published in 1944 Jatin Das Road, Calcutta 9

DATAR, Balwant Nagesh, M A Deputy Minister for Home Affairs Govt of India since Aug 11 1952 *b* Aug 13 1894 at Tasgaon Satara, *s* of N B Datar *m* Smt Subhadra Bai, *Educ* Deccan Coll, Poona Baroda Coll, Baroda Member Faculty of Law Bombay Univ 1937 42, Board of Studies in Kannada language, 1939 42, Part time Prof of Law, R J Law C Belgaum 1939 52 Dean Faculty of Karnatak Univ member Syndicate, and Academic Council Karnatak Karnatak P C C Separation of the Executive from the Judiciary Cttee Bombay Bombay Univ Reorganisation Cttee Karnatak Univ Cttee 1948 Pres City Congress Cttee Belgaum elected to the House of the People from Belgaum North Constituency in the general elections *Address* Ramana Niwas Kadolkar Street Belgaum

DATAR SING, Sardar Bahadur Sir, F R S A M D D &c 1939 Production Commissioner & Addl Secy Ministry of Food & Agriculture Formerly Vice Chairman, Indian Council of Agricultural Research & Addl Secy Ministry of Agriculture New Delhi and President Indian Central Cotton Coconut Jute, Tobacco Oil & Oilseeds Committees pioneer in Dairying in India, led Indian Industrial Delegation to Australia & New Zealand in 1945 delegate to the International Wheat Conference held in London in 1947 member Food Delegation to Australia and F A O Conferences U S A 1948 and Rome 1949 I S O Conference on Shellac, New Delhi 1950 F A O Cattle Breeding Conference Feb 1950, Indian delegate F A O Coordinating Cttee and Council Meetings, 1952 & 1953 *Club* Gymkhana New Delhi *Address* 3, Tughlak Road New Delhi

DATT, Vidyavachaspati, Founder, Bharatiya Vidya Bhawan Kotah Rajasthan March 27 1925 *m* Smt Kamala Devi *d* of Bhai Shankar Pandya Dungerpur one *s* Jai Prakash Narain Founded at Kotah the Bharatiya Vidya Bhawan a centre of Hindi, Art and Sangeet examinations 1949 is one of the prominent propagators of Hindi in India has been propagating Hindi in the Rashtra Bhasha Prachar Samiti Wardha member All India Ayurvedic Sammelan Delhi member as examiner All India Mahila Vidyapeeth Allahabad All India Rashtra Bhasha Sahitya Sammelan etc Centre Supdt Hindi Vidyapeeth Deoghar Bihar Drawing Exam, Govt of Bombay Sangeet and Ayurveda Exams Delhi has been examiner All India Hindi Sahitya Sammelan, Allahabad, is a prominent literary figure and a writer possesses good knowledge of Hindi Sanskrit Gujrati, English and Urdu *Address* Bharatiya Vidya Bhawan Kotah (Rajasthan) Dalmier (Bombay)



DATTA, N, B A, G D A, Secretary Hindusthan Co operative Insurance Society Ltd *b* July 14 1892, in the District of Barisal East Bengal *Educ* College in 1912 Joined Hindusthan as Chief Accountant in 1917 was appointed Branch Manager Bombay in 1923 and held the position till June 1933 was subsequently called upon to join the Head Office of the Society as Agency Manager officiated for some time as General Manager in 1936 appointed Secretary and Chief Officer in 1937, ex President Indian Life Offices Association *Address* Hindusthan Buildings, 4 Chittaranjan Avenue Calcutta



DATTA, Dr Satchidananda, B Sc (Hons) D Sc M R C V S D T V M F R S (Edin) F N I (Permanent) Director Indian Veterinary Research Institute Izatnagar and Mukteswar U P *b* Aug 2, 1899 *s* of K K Datta of Survey of India Dehra Dun, *m* Smt Kamala Datta, two *s* and two *d* *Educ* Govt High School Dibrugarh Assam Scottish Church Coll Calcutta Govt Coll, Upshahi Univ Coll of Science and Technology, Calcutta Royal Vety Coll, London also Pathology & Bacteriology Dept of Edinburgh Univ Lecturer Bengal Vet Coll 1927 30 Vety Research Officer and



in Ceylon Manipur Assam etc 1941 45 Chairman Vety Biological Products Standardisation Cttee, Steering Cttee on Raising the Standard of Vety Educ Animal Health Cttee Hides and Skins Cttee of the ICAR ex Chairman All India Vety Assoc Ann Conferences Fellow National Inst of Sciences in India and Royal Society Edinburgh represented India in several International Conferences since 1938 *Publications* Numerous original papers in various Indian and other scientific journals *Recreation* Tennis *Address* Izatnagar Bareilly

DAYAL, H E Bhagwat, Indian Ambassador to Afghanistan since 1953 *b* March 23 1900 *s* of late Din Dayal of Naini Tal *m* Lakshmi *d* of late Buland Iqbal Feb 1926 *Educ* Philander Smith Coll, Naini Tal Muir Central Coll Allahabad University Coll, London Middle Temple, London Warden, Kayastha Pathsala Allahabad, Teacher Dept of English Studies Allahabad Univ 1925 45 appointed Indian Consul to Siam Dec 1946 later Chargé d Affaires Envoy Extraordinary and Minister Plenipotentiary of India in Siam 1946 51 Indian Ambassador in Indonesia 1951 53 *Address* Indian Embassy Kabul

DAYMA, Kachrulal Pusaram, Social Worker Educationist & Journalist of Jalna (Hyderabad State) *Educ* Matriculated and had three years military training in Bhonsala Military High School, Nasik was in the N C C for one year passed Sahitya Visharad (B A) from Hindi Univ, Allahabad is studying Arts in Allahabad Univ privately Founder Ramdandee Debating Society Nasik (1948), was its Gen Secy for two years, Founder and Chairman Keshev Sports Club and Keshev Library, Jalna Pres Hindi Stud [illegible] Asst Secy Rashtriya Hindi Editor Nav Sandesh Jalna, Correspondent of several [illegible] *Recreations* Literature Sports and Journalism [illegible] Main Road Jalna (Hyderabad Deccan)



DE ALBUQUERQUE, Dr Manuel Francis M D I R C P S I M A S Knight Order of Christ Ex Vice Consul for in Zanzibar *b* Aug 14 1869, at Pardez Goa, *s* of Angelo de Albuquerque and [illegible] de Souza *m* Senhora Philomena de Souza, one *s* and two *d* *Educ* I M S from Bombay Univ 1896 graduated with distinction from Edinburgh took a special course in Obstetrics at the Rotunda Hospital Dublin qualified him for M D Avec tres grande distinction at the University of Brussels Established himself at Zanzibar 1898 was Physician to [illegible] and their families for several [illegible] years Vice Consul and Consul General for Portugal and for some time Ag Consul for Italy was honoured by the Zanzibar Govt with the high Order of the Brilliant Star of the Third for his services during the bubonic epidemic in the Protectorate in 1903 the Order of the Hamoudieh, Second Class by H H Seyyid Ali was presented with a [illegible] sword by Seyyid Sir Khalifa the reigning Sultan in appreciation of valuable services rendered to him was awarded the Order of Cavaleiro da Ordem de Christo by the Portuguese Govt in recognition of his services during World War I in his capacity as Vice Consul General and the honorary title of Vice Consul for Portugal at the time of retirement took keen interest in various social institutions and social work was the principal promoter and first Pres of the Goan Institute, Founder Pres, Union of the Goan Community Zanzibar has been a staunch patron of sports, offered trophies to the Zanzibar Sports Assoc and the Goan Sports Club has been active in welfare work among the Goan and other communities in Zanzibar *Address* Aruna Bardez Goa



DEANE, Major Donald Victor, C I E O B E R E (Retd), Master of India Govt Mint Bombay *b* Oct 19, 1902, *Educ* Gresham School Holt Norfolk and R M A, Woolwich Commissioned into the Royal Engineers on Aug 31 1922 posted to India in Jan 1925 transferred to H M Mints as Dy Mint Master in Dec 1932 appointed as Mint Master Calcutta in Feb 1938 transferred to Bombay as Senior Mint Master in March 1947 Vice Pres and Chairman the Bombay Education Society and Trustee and Director Pichey Phipson Sanatorium Nasik *Address* The Mint House Pallard Road Bombay

DEHEJIA, Venilal Tribhovandas, [illegible] I C S J P Secretary to Government Finance Department Bombay *b* July 23 1908 *s* of Tribhovandas Jamnadas and Nandgouri of Surat *m* Tarunica Hiralal Kaji B A (Hons) *d* of Dewan Bahadur Professor H I Kaji three *s* Makarand [illegible] vardhan and Jaykumar *Educ* College Bombay Royal College London awarded Pragji Thakker [illegible] prize for standing first in the University in B Sc Dakshina Fellow, Wilson Coll Joined the Indian Civil Service 1931, was Collector of Ahmednagar, Jacobabad Kaira Dharwar and Poona reorganised Excise Administration in Sind served in the [illegible] in Sind and Bombay Secretary, Sind and Commissioner Baroda Secy Home Department, Bombay 1947 52 *Clubs* Willingdon W I A A Club Bombay Delhi Cumballa [illegible] Mess

DEHGAMWALA, Mulla Mohamedally Abdoolally, N K D Businessman Partner Mohamed & Co *b* 1888 Abdoolally Business [illegible] Ingram Parambu *d* of Goolam leading merchant shipowner Cochin Two *d* *Educ* Sidhpur Entered service as an Assistant in Abdool Hussain Jewaji & Co, formed A Mohamed & Co himself being one of the partners 1917 became the Sole Proprietor 1945, took his two sons as partners in the Firm 1950 *member* South Indian Chamber of Commerce Madras Treasurer and Joint Secy, Saifee Jubilee High School Sidhpur (Baroda Dist) *Club* South [illegible]



DEKA, Mr Justice Holiram, (Calcutta) Judge Assam High Court June 5, 1951 *b* June 1901 *Educ* Passed with honours in Mathematics from Cotton Coll Gauhati Assam 1922 M A in Modern Languages from Calcutta Univ, 1925, B L Cal Univ 1926 Enrolled as Pleader Gauhati Bar 1927 and as Advocate (Calcutta High Court) 1931 Member Revenue Tribunal Assam, 1946 48 Registrar Assam High Court 1948 49, District and Sessions Judge 1949 51 is a writer critic and essayist *Publications* Short stories essays and [illegible] Assamese *Recreations*

DEO, Kumar Prafulla Chandra Bhanj, M A Fellow of the Royal Anthropological Institute (1935) M P Political and Social Worker *b* May 23 1909 *s* of Rautrai Saheb Shridam Chandra Bhanj Deo of Mayurbhanj *m* 1st Maharani of Bastar deceased) and 2nd Smt Bhottima Devi, seven *s* and four *d* *Educ* Raj kumar Coll Raipur Magdalene Coll Cambridge Trained in all Departments of Administration of Bastar State banished abroad for anti British propaganda for [illegible] ars served in India Hon Special Officer Backward Welfare Dept Govt of Orissa for one year became the first Dt Pres Ganatantra Parishad Mayurbhanj elected M L A Orissa in the General Elections Fellow Utkal Univ Senate twice Pres Ganatantra Parishad Orissa State April 1952 Member Council of States from Ganatantra Parishad *Publications* Several articles in leading Indian journals and newspapers *Financial Position of the Government of India* with a foreword by Dr Shyama Prasad Mukherji *Research* Research in Vedic philosophy [illegible] and Tantras Sanskrit poetry composition and writing in Hindi, Oriya and English *Address* C/o the Purna Chandra Rice Mill Baripada Mayurbhanj Orissa



DEO, Mr Justice P P, M A LL B Puisne Judge Nagpur High Court since Oct 29 '49 *b* 1895 *m* Smt Sita Kukday *d* of K V Kukday I M S *Educ* Bhandara Jabalpur and Allahabad M A in Economics (All), L L B (Nag) Practised at Nagpur 1927 49 *Address* 236 West High Court Road Nagpur

DEO, H H Maharaja Rajendra Narayan Singh, M P Maharaja of Patna *b* March 1912 *s* of Pruthwi Raj Singh Deo B Sc of Seraikella, *m* Smt Kailash Kumari Devi *d* of late Maharaja of Patiala 1932 *Educ* Mayo Coll Ajmer, St Columba's Coll Hazaribagh Ruler of Patna State 1933 47, was one of the first Rulers to sign the Merger Agreement with the Indian Union ex member Chamber of Princes Vice Pres Council of Rulers of the Eastern States Agency Chairman Eastern States Board of Forestry and Agriculture member Eastern States Post War Reconstruction Cttee Standing Cttee of States Union General Council Mayor Coll Raipur Chief Patron of the All India Cultural Unity Conference Patron All India Cattle Show Society Kalinga Historical Research Society Kashal Kala Mandal literary and research societies etc removed untouchability and ban on temple entry for Harijans during his administration established Arts and Commerce Coll in Balangir, Ayurvedic Aushadhalayas, Sanskrit Coll and Agri School, etc improved social amenities in Balangir, organised Co operative banks Societies Agri Deptt Panchayats Praja Sabha and Leg Assembly *Hobbies* Photography Cinematography, Foreign Affairs and Social Service *Recreations* Tennis Football Billiards and Hockey *Clubs* National Sports Club of India International Club India *Address* Shailashree Palace Balangir (Orissa)



DEOGIRIKAR, T R, B A (Hons) Journalist Member Indian Parliament *b* Nov 25 1896 *Educ* Poona and Bombay Editor *Chitramayagat* 1921 49, Pres, Maharashtra [illegible] Congress Cttee, Poona District and City Congress Cttee member A I C C for [illegible] Secy Gt Br Mtg Inland

on Constitution of India Gandhi's life and Philosophy, History of Ireland, History of Philippines, etc *Address* Chitrasha Press, Poona 2

DESAI, H E Chandulal Chunilal, B A (Cantab) C I E (1945) I C S, High Commissioner for India in Ceylon since March 1953 *b* April 27 1900 *m* Kamala Desai *Educ* Nadiad High School Elphinstone Coll Bombay Cambridge Univ Joined the I C S, 1923 was posted as Asstt Commr C P and Berar for some time was Under Secy to Govt became Dy Commr Buldana District 1927 transferred to the Government of India as Deputy Director General of Supply, 1942 Controller General of Civil Supplies 1943 45 was member secy of the Indian Tariff Board and later its Chairman, 1945 47 was Addl Secy, Govt of India, Ministry of States 1947 48 visited Australia as leader of the Indian Delegation for the ECAFE also to Geneva as leader of the Indian Delegation to the Conference of General Agreement on Tariffs and Trade 1948 Secy Ministry of Commerce Feb 1948 Jan 1951, Secy Ministry of Works Housing and Supply and Ministry of Production 1951 53 Leader of the Indian Delegation to negotiate various trade treaties with Pakistan Afghanistan Switzerland Hungary Czechoslovakia Australia and Ceylon 1948 51 Leader of the Indian Steel Delegation to England and U S A to negotiate loans for the Indian Govt schemes for the expansion of steel industry in India *Publication* A *Compilation on Nazul* *Address* High Commissioner for India Colombo C o Grindlay's Bank Ltd Bombay

DESAI, Chhotalal Khooshaldas, B A (Cantab) Ex Chief Commissioner Kutch *b* October 22, 1893 *s* of K R Desai *Educ* Baroda High School Elphinstone College and St Catherine's College Cambridge (Science Tripos) Passed I C S 1916 joined as Assistant Collector Benares, December 1917 services ended 1927 travelled in Europe and India, studied and practised Yoga at Kaivalyadham, Lonavla under the guidance of Swami Kuvalayanand rejoined Service as Regional Commissioner for Deccan States and Kolhapur (November 1947 to May 1948) *Address* C o Chief Commissioner [illegible] Bhuwan Bhuj

DESAI, Dinkerrao Narbheram, LL B Minister of Law and Education, Govt [illegible] Advocate *b* 1st July [illegible] at Godhra *m* Srimati Bhanumati *Educ* High School Educ at Broach passed B A & M A Exams from St Xavier's College, Bombay in 1912, and LL B from Bombay Law College in 1913 Joined the Broach Bar in 1913, was a practising lawyer till 1946 began to take part in social and political activities 1917 went to jail several times became member of the Broach Municipality in 1917 and continued till 1935 was Chairman of the Broach Municipal School Board for 17 years and of the Dist School Board for 3 years where he introduced compulsory Primary Education, was Pres of the Municipality for 9 years, member of the Provincial Assembly 1937 is the President of the Broach Education Society and Trustee of Sevashram, Broach Minister of Law and Civil Supplies in the Kher Ministry, 1946 52 lead the Indian Delegation to the U N Food and Agricultural Organisation at its fourth conference held at Washington in 1948 *Address* Secretariat [illegible] Bazar Broach

DESAI, Manilal Jagdish, B A, LL B (Bombay) C I E (1946) I C S Secretary Commonwealth Affairs Ministry of External Affairs since Nove 1953 *b* January 1 1904 *s* of Landowner of Abrama District Surat Bombay, *m* Kanti *d* of Dr B N Desai of Bombay and Surat *Educ* Gujarat College Ahmedabad Wilson College Bombay School of Economics London Asstt Collector and Collector in Bombay State 1928 35 Director of Land Records and Settlement Commissioner, 1936 38 and 1940 42 Deputy [illegible] Govt of Bombay [illegible] Bombay, Revenue and Reconstruction Depts, 1942 46, Establishment Officer to the Govt of India and Principal, Indian Administrative Service Training School 1947 48 one of the Advisers to the Indian Delegation to the U N at the 1948 Session in Paris Commercial Adviser to the High Commissioner for India in London 1948 51 Envoy Extraordinary and Minister Plenipotentiary for India in Sweden Finland and Denmark 1951 53 *Recreations* Tennis and Riding *Clubs* Delhi Gymkhana Ltd and Cricket Club of India Ltd *Address* Ministry of External Affairs New Delhi

DESAI, Mr Justice Manulal Chunilal, B A (Tripos) (Cantab), Judge High Court of Judicature Allahabad since Dec 12, 1948 *b* Feb 25 1904, *m*, two *s* and two *d*, *Educ* Govt High School, Nadiad, Elphinstone Coll Bombay, Baroda Coll Baroda Cambridge Univ Asstt and Jt [illegible] State, 1926 33, Collector and Dt [illegible] State 1933 42, Dt and Sessions Judge, [illegible] *Recreations* Golf Bridge Chess Badminton *Address* 31, Thornhill Road Allahabad

DESAI, Morarji Ranchhodji, B A Chief Minister Govt of Bombay, since April 1952 *b* 29th February 1896 *m* Gajraben, *d* of Ioagibhai Bhimbhai Desai *Educ* Bai Avabai High School at Bulsar and Wilson College Bombay after graduation in 1917, was appointed Dakshina Fellow in the Wilson College and also received the Viceroy's Commission in the Indian Defence Force 1917 18 was appointed as a direct recruit in the Provincial Civil Service Bombay resigned in 1930 during the C D Movement suffered imprisonment [illegible] 1930 [illegible] Secretary [illegible] Gujarat [illegible] member A I C C [illegible] was elected to the Bombay Legislative Assembly in 1937 Minister for Revenue and Forests Government of Bombay 1937 39, participated the individual C D Movement in 1940 was detained in Jail from Aug 1942 to 1945 is elected to the Bombay Legislative Assembly early in 1946 Minister (Home and Revenue) Govt of Bombay 1946 52 *Address* [illegible] Ahmedabad [illegible] Corsley [illegible] Hill Bombay



DESANI, Govindas Vishnoodas, Author Broadcaster for the B B C *b* July 8 1909 at Nairobi Kenya Visited England for the second time 1939 Speaker for the British Ministry of Information on Eastern affairs throughout the war lived in Britain 1939 52 when returned to India for a visit *Publications* *All About Mr Hatterr* (1949 Aldor London) re issued (1951 Saturn Press London) American Edition (revised Farrar, Straus & Young N Y) *Hali* (Saturn Press London 1951) *Address* C o Grindlay's Bank Parliament Street London S W 1

DESHMUKH, Chintaman Dwarkanath, B A (Cantab) Minister for Finance Govt of India since June 1950 *b* Jan 14 1896 *s* of D G Deshmukh *m* 1st Rosina Silcox 1920 (*d* 1949) one *d* Primrose 2nd Smt Durgabai 1953 *Educ* Elphinstone Coll Bombay and Jesus [illegible] Cambridge Natural Tripos Part I B A [illegible] in 1918 Entered the I C S No [illegible] served in the C P & Berar as Asstt Commsnr 1920 24 Under Secy to Govt 1924 25 Dy Commsnr and Settlement Officer 1926 30 [illegible] R T C 1931 Revenue Secy [illegible] Financial Secy C P and Berar 1933 39, Jt Secy, Govt of India Dept of Education Health and Lands May July 1939 Officer on Special Duty, Finance Dept Govt of India and Custodian of Enemy Property 1939 Secy to the Central Board of the Reserve Bank of India 1939 41 Dy Governor Reserve Bank of India Dec 1941 Aug 1943 India's delegate to the World Monetary Conference Bretton Woods 1944 Governor for India on International Monetary Fund and International Bank for Reconstruction and Development from 1946 Governor Reserve Bank of India 1943 49 Chairman Sept 1950 Financial Representative of Govt of India in Europe and America 1949 50 Pres Indian Statistical Institute, 1946 Chairman Indian Public Schools Society 1950 member Planning Comm March 1950 Chairman International Monetary Fund and International Bank for Reconstruction and Development Sept 1950 *Address* Ministry of Finance Govt of India New Delhi *Residence* 1 Willingdon Crescent New Delhi



DESHMUKH, Purushottam Kashirao, M A LL B Minister for Education Local [illegible] and Indian Languages, Madhya Pradesh since Feb 1952 *b* Nov 7 1911 *s* of Kashirao Bapu Deshmukh *Social worker of Berar*, *Educ* The Theosophical School Banaras, Banaras Hindu University, Banaras Was President of the various Congress Committees, was member P C C and A I C C was jailed in 1941, 1942 and 1944 in national movements, was elected to the Provincial Legislative Assembly 1946 as Minister for Revenue was responsible for the Zamindari Abolition Bill of Madhya Pradesh and various tenancy laws conferring benefits on the tenants, Minister for Education and Revenue M P, 1946 52, again elected to the State Assembly in Jan 1952 *Address* Shanti Niwas Gandhi Chowk Amravati

DESHMUKH Dr P S, M A (Edin) D Phil (Oxon) Barrister at Law Minister with Cabinet rank for Agriculture Government of India *b* Dec 1898 *Educ* Fergusson Coll Poona M A (Hons) Edinburgh Dunlop Research Scholar 1923 26 called to Bar 1925 Life Pres Shivaji Education Society since 1937 member P C C 1947 48 re elected 1950 member M P Leg Council 1930 37 Minister (Education, P W D and Agriculture) 1930 33 reduced School fees for agriculturists introduced Hindu Religious Endowments Bill Cattle Disease Prevention Bill established Provincial Village Uplift Board sponsored Debt Conciliation Act 1931 etc member, Ex Cttee Congress Parliamentary Party 1950 51 1952 53 Member Cttee of Ministers of the Chamber of Princes 1942 46 General Secy Central India and other States Group 1941 44 represented India as delegate on F A O Conference at Washington Nov 1948 elected Pres All India Federation of Backward Classes since 1950 Chairman State Trading Co and Cotton Marketing Committee Delegate to F A O Conference at Rome Nov 1951, re elected to Parliament 1952 Member Planning Sub Cttee of the C A B of Education 1952 elected Fellow Royal Society of Arts of London Pres All India Maratha Education Conference (30th session) 1953 *Publications* *Origin and Development of Religion in Vedic Literature* *Address* Amravati Camp (Berar)

DESHMUKH, Ramrao Madhavrao, M A LL B (Cantab) Bar at Law M P *b* Nov 25 1892 *Educ* Graduated at Cambridge 1916 called to the Bar 1917 Pres Belgaum Maratha Conference 1920 30 M L C Nagpur Council except for 1926, M L A 1926 first elected Chairman Amraoti District Council, 1925, member A I C C 1920 25 President Maharastra Conference Satara, 1925 Minister M P 1927 28 also member, A I C C, formed Second Nationalist Ministry in M P 1929, resigned Ministry, 1930, Pres, Democratic Swaraj Party Meeting, Bombay, 1933 member, Hindu Sabha Deputation to England and Deputation for separation of Berar 1933, Adviser to Raja of Sandur, 1935 36, M L A

(M P) 1937 and Minister Dr Ministry, resigned with Dr Khare Political Minister, Dewas (Jr) State and Secretary C I and other States group, 1939 41, elected to Chamber of Princes Ministers Cttee, 1941, Finance Minister, Gwalior Govt, 1941 44, member, National Defence Council, 1940 44 High Commissioner for India in South Africa, 1945 47, Prime Minister and Adviser to Raj Pramukh of Vindhya Pradesh, Rewa 1947 48 Resigned in July 1948 Dir Reserve Bank of India, 1949 52 elected to the Council of States 1952 *Address* Morsi Road Amraoti (Vidarbha)

DESHPANDE, D D, B A, Managing Director New Citizen Bank of India Ltd *b* 23rd October 1898 at Rahuri, *Educ* took his B A degree from Fergusson College Poona in 1919, and worked [illegible] time as teacher the Accountant [illegible] of the Corporation of Accountants Ltd, Glasgow and was later elected a Fellow of that body in 1929, promoted the Commonwealth Assurance Co Ltd, Poona was for 8 years its Managing Agent, retired voluntarily in 1936 sponsored the New Citizen Bank of India Ltd, Bombay in 1937 of which he is the Managing Director is a student of economic and financial problems of India has read papers before different conferences interested in literary pursuits periodically contributes articles to a few English and Vernacular Journals *Address* The New Citizen Bank of India Ltd Apollo Street Bombay



DESHPANDE, Mrs Vimala Bai, M A (Philosophy), Parliamentary Secretary, M Pradesh Govt, since 1946 *b* July 13 *d* of D K Kolhatkar Retd Dist and Se Judge Ma [illegible] h *m* P Y Deshpande, Editor Pl Weekly and Managing Director N Ltd Nagpur, two *s* and two *d*, *Educ* High School for Indian Girls, Poona and Fergusson Coll Poona Was Secy, Berar Youth League and Standing Cttee, member, Berar Branch of the All India Women's Conference 1931 33 was member, Berar Provincial Congress Cttee elected member Nagpur Univ Court, 1933 36, founded Balikmandir (Montessori School) under the auspices of Bhagirathmandal Nagpur, 1936, nominated member, High School Education Board, M P, 1937 40 Proprietor, Manager and Joint Editor Bhavitavya (Marathi Weekly), 1942 48 member, Nagpur Nagar Congress Cttee, 1945 was elected to Madhya Pradesh Assembly from Nagpur, 1946, elected Secy, Congress Assembly Party, since 1946 *Publications Articles in the Bhavitavya* a collection of poems *Recreations* Evening walks *Address* Dhantoli, Nagpur

DEV, Shankar, M A Vidyalankar, Deputy to the Chief Minister Hyderabad Deccan, since 1952 *b* 1922, *s* of Balaji Rao, of Bidar Dist, Hyderabad State *m* Srimati Padma Devi, *Educ* Gurkul Coll Haridwar, Agra Univ Kanpur Organised a Conference of All Hyderabad Karnataka Dalit Jatiya Sangh and was elected its Pres, 1951, elected M L A from Humnabad constituency on Congress ticket in general elections *Address* Dist Bidar, Hyderabad State Deputy to the Chief Minister, Hyderabad Dn

DEVA Acharya Narendra, M A LL B, Member Council of States Vice Chancellor Banaras Hindu Univ *b* Oct 31 1889, *s* of Babu Baldev Prasad, *Educ* Allahabad and Banaras Gave up legal practice and joined non co operation movement, 1920 Prof of Indian History Kashi Vidyapith 1921 26 Principal 1926 Vice Chancellor Lucknow Univ, 1947 51 joined Indian National Congress, 1916 Pres U P State Congress [illegible] Member Working Cttee [illegible] first conference and again at 4th session was its Chairman imprisoned four times the last being during the 1942 Quit India Movement has made a special study of Buddhism in all its aspects Chairman Universities Commission U P 1937 Primary & Secondary Reorganisation Cttee 1938, has translated into English and Hindi the French version of Vasubandhu's Abhidharma Kosha was a member of the Indian Cultural Delegation to China, April May 1952 *Publications* His writings and speeches on the National Struggle and the Socialist Movement, in English and some Indian languages *Address* Vice Chancellor Banaras Hindu University Banaras

DEVARAJALU, G K, Millowner and Business Magnate *b* 1913 Visited Japan, 1936 first to get for his City complete spinning machinery plant from Japan went to U K and U S A, as member, Delegation of All India Manufacturers Organisation under the leadership of Sir M Vishvesvaraya to study developments in textile industry 1946 some time Deputy Chairman Southern India Millowners Association member Textile Control Board 1946 Managing Dir, The Lakshmi Mills Co Ltd Coimbatore and Vijayamohini Mills Ltd Trivandrum Dir The Coimbatore Cotton Mills Ltd The Raja Lakshmi Mills Ltd, The Premier Mills (CBE) Ltd The Krishna Mills Ltd Textool Co Ltd Sivananda Mills Ltd The Coimbatore Lakshmi Cotton Press Ltd The United Electrical Industries Ltd, The Fertilisers & Chemicals Ltd Alwaye The Aluminium Industries Ltd Kundara The Travancore Tools Ltd The Central Studios Ltd Sri Akkamamba Textiles Ltd Tiruku, Past Pres Rotary Club Coimbatore Free Mason *Address* Shell House Wyanshi Road Coimbatore



DEY, Hirendra Lal, M A (Cal), D Sc (Econ) (Lond) has been Adviser to the Managing Director International Monetary Fund Ex Pres Indian Tariff Board *b* Nov 1896, *m* Champak Lata, May 1918, four *s* and one *d*, *Educ* Presidency College and Univ College, Calcutta, and School of Economics, London Lecturer in Economics Lucknow Univ, 1921 33 Reader in Economics Dacca University 1933 36, Professor and Head of the Dept of Economics Dacca Univ, 1936 45 Member of the following Govt Committees—Consultative Committee of Economists, Post war Reconstruction Govt of India, 1941, Post war Reconstruction Committee, Govt of Bengal 1943 44 Indian Central Jute Cttee, 1941 45 Bengal Industrial Survey Cttee, 1942 44 Bengal Board of Economic Enquiry, 1939 43, Bengal Price Control Advisory Cttee, 1941 42, was one of the 9 economists, who in August and September 1948, advised the Govt of India on anti inflationary measures Member, Air Transport Inquiry Cttee, 1950, retired as Pres Indian Tariff Board, March 1952 *Publications The Indian Tariff Problem*—George Allen & Unwin, 1933, *Economic Problems of Modern India*, Vols I and II Macmillan 1939 41 and about 60 original papers on planned economy, currency and banking tariffs and agricultural economy *Address* Flat No 4, 28 Altamont Road Bombay 26

DHADDA, Siddha Raj, M A (Edn) LL B Secretary Rajasthan Sevak Sangh President Rajasthan Khadi Sangh Sanchalak Gandhi National Memorial Trust Rajasthan Branch Prov Rep All India Surya Seva Sangh Rajasthan Harijan Sevak Sangh *b* Feb 1909, *Educ* Maharaja's College Jaipur Canning College Lucknow Univ and the Allahabad Law Chamber of Commerce [illegible] Calcutta in various other [illegible] sometime Advocate, Mysore High Court Bangalore has been connected with various political, social and cultural organisations was arrested at Banaras and detained (1943 45) founder and Chief Editor, Daily *Lokmanya* from Jaipur 1946 49 General Secretary Rajputana P C C 1947 48, Joint Secretary Reception Cttee, 55th Session of the Indian National Congress held at Jaipur (Gandhi nagar) Dec 1948 Minister for Industries and Commerce Govt of Rajasthan 1949 51 resigned from Congress Aug 1951 *Publications* Contributes to various and Hindi periodicals *Address* [illegible] Kendra P O Khanal (Rajasthan)

DHAGAT, Premshanker Lakshmishanker, M A LL B Deputy Minister, Finance and Complaints Dept Madhya Pradesh Govt *b* 1898, *s* of Pt L S Dhagat *m* Sm Ratnawali Devi five *s*, and three *d*, *Educ* Robertson Coll, Jabalpur, Ewing Christian Coll Allahabad Univ School of Law Allahabad Practised at Damoh (M P) as a Lawyer since 1922 jailed 1930 1941 and 1942 for Congress activities elected Member Prov Legislature 1936 1946 and 1952, member Managing Cttee Prov Co operative Bank for several years founder and Pres Prov Co operative Marketing and Supply Society Ltd Nagpur since inception has served on various bodies such as Indian Council of Agricultural Research Indian Central Tobacco Cttee State Tribes Advisory Council State Food Advisory Council and State Cottage Industries Board takes particular interest in Co operative and Economic matters was Parliamentary Secy to Minister for Tribal Welfare M P *Publications* Miscellaneous Papers *Address* Mount Road Nagpur

DHAMDHERE, Krishnaji Hari, L V (Hons) social worker businessman (Essential Oils & Aromatic Chemicals) Bombay Cochin Calcutta *b* June 9 1898 *s* of Dhamdhere Har Ramchandra Second class Sardar of the Deccan, *m* Smt Kamala Laxman Vartak Bassein (Dist Thana) four *s* and four *d* *Educ* Nutan Marathi Vidyalaya High School and Fergusson Coll, Poona started in dependent business at Bombay 1928 Ex President of the Perfumery Raw Materials Trade Association Bombay member Regional Consultative Cttee Central Rly Bombay, Cttee of the Maratha Chamber of Commerce Poona Indian Merchants Chamber Vice Pres Maharashtra Chamber of Commerce Bombay Chairman, Foundlings Home Cttee Hindu Deen Daya Sangh Vice Pres Maharashtra Utkarsh Mandal Chitpavan Sangh Bombay, Trustee Brahman Seva Mandal Dadar *Address* 169 C Hindu Colony Anant Nivas Vincent Road Dadar Bombay

DHAR, Dr Jiban Ratan, M P of State (Home), Jails, W Bengal Govt *b* April 6, 1889, *s* of late P K Dhar Pleader Jessore, Bengal and Smt Nirada Sundari Dhar *m* Smt Charushila Dhar one *s* and one *d*, *Educ* Jessore Zilla School, Daulatpur Hindu Academy, Krishnagar Coll Calcutta Medical Coll, passed M B exam 1916 Joined I M S (T C), 1916 served in Mesopotamia, N W Frontier and in Indian stations 1914 26, joined Congress Movement, 1930 member, A I C C for 15 years, Vice Pres B P C C for 5 years, Pres, Jessore D C C for 10 years, was in prison, 1930 1931 and 1942 Member Indian Medical Association Tennis Walking Badminton [illegible] P E N Nehru's Committee [illegible]

DHAYAGUDE, Dr Ramchandra Govind M D (Bombay), with Pathology and Bacteriology as special subjects with Distinction Dean, Seth G S Medical College & K E M Hospital Bombay *b* March 7, 1903 *s* of G V Dhayagude, Ex Diwan, Bhor State Bhor, *m* Kamala *d* of G S Dandavate, B A LL B Pleader, Poona City, one *d* [illegible]

Tuberculosis (Ind Jour of Med Res, Apr 1948) *Treatment of Typhoid Fever with Bacteriophage* (Ind Jour of Med Res July 1949), *Studies of Anaerobic Wound Infection* (Ind Jour of Med Res, July 1949), etc *Clubs* Bombay Presidency Radio Club, Rotary Club and Willingdon Sports Club, Bombay *Address* Dean's House, King Edward Road Parel, Bombay 2

DHEBAR, Uchhrangrai Navalshankor, Chief Minister, Saurashtra, since 1948 High Court Pleader *b* Sept 21, 1905, *m*, one *s*, Prafulchandra *Educ* Rajkot and Bombay Practised as a lawyer in the Court of Western India States Agency, Rajkot, 1929 Abandoned practice for active Congress work, 1930, Secy, Kathiawar Political Conference, 1937 38 Secy, Gujarat Provincial Congress Cttee, since 1947, imprisoned thrice for taking part in Rajkot Satyagraha for nearly 5 months for Individual Satyagraha for 6 months 1941, in the Quit India movement 1942 45 *Address* Sanatorium Rajkot

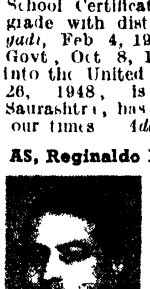


DHIMAN, R, Managing Editor Dhiman Press of India Ludhiana *b* July 1 1916 of Hari Ram *m* Smt V Dhiman *d* of Raizada Pyara Lal two *s* and two *d* *Educ* Ferozepore Punjab Univ Worked as Ferozepore Correspondent of *The Times of India States man Tribune C & M Gazette Hindustan Times* and other leading Indian dailies, 1941 46, shifted to Ludhiana Editor Daily *Rehnuma* Ludhiana 1947 Editor *Sangram* Weekly Ludhiana, Special Representative, *A B Patrika and Free Journal* for Punjab and PEPSU accredited correspondent at Ludhiana of *The Times of India, Statesman Hindustan Times* and other leading dailies member Executive Cttee Punjab Journalists Assoc General Secretary Ludhiana Working Journalists Assoc *Recreation* Photography Journalist Ludhiana



DHRANGADHRA, HALVAD Major His Highness **Jhaladhip Maharajadhiraj Maharana Shri Raj Mayurdhwaj Sinhji Jhala Makhwana, K C S I, the Maharaja Rajsaheb** of *b* March 3, 1923, *m* Maharaj Kumari Shri Brijraj Kumari, of Jodhpur, March 3, 1943, three *s*, the Heir apparent Namdar Yuvraj Maharaj Kumar Saheb Shri Shatrujit Deo, born on March 22, 1944 Maharaj Kumar Shri Jawahir Deo and Maharaj Kumar Shri Gautam Deo, *Educ* Dhrangadhra Heath Mount School and Haileybury College, England, St Joseph Academy, Dehra Dun where he passed the School Certificate Examination in the first grade with distinction, succeeded to the *gadi*, Feb 4, 1942, assumed the reins of Govt, Oct 8, 1943 integrated his State into the United State of Saurashtra March 26, 1948, is the Uprajpramukh of Saurashtra, has officiated as Rajpramukh our times *Address* Dhrangadhra

AS, Reginaldo Xavier Jorge, Businessman and landed proprietor *b* April 19 1898, *s* of Felix Dias and Florinda de Silva *m* Miss Julieta de Saldanha one *s* and three *d* *Educ* Goa and Mangalore Convent Portugal in Mon[illegible] Vale Feb



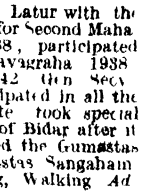
DIKSHITAR, V R Ramachandra, M A, Professor of Indian History and Archaeology Univ of Madras *b* April 16, 1896 St Joseph's College, Trichinopoly 1 scholar Madras Univ, 1923 27, Lee Indian History, Madras Univ, 1928 46 in Indian History and Archaeology, Member Senate, Madras and Travancore Universities Member, Academic Council Madras Univ Chairman, Boards of Studies in History and Politics, Member Board of Studies in Tamil and Oriental Languages Member, Indian Historical Records Commission, Indian History Congress All India Oriental Conference *Publ Hindu Administrative Institutions* *Tamil Literature and History* *The Mauryan Polity* *Some Aspects of the Vayu Purana* *The Matsya Purana*—a study *Bharadiana arkka Silappadikaram* *The Lalitha Cult* *Kulottunga Chola III* (in Tamil), *War in Ancient India*, *Origin and Spread of the Tamils* *Southern India and China*, *Tiruk kural*, *Purana Index Vol I*, *Pre historic South India* *Purana Index* Vol II, *Gupta Polity*, edited *Karnataka Rajakal Charithram* (in Tamil) *Address* 7, Lalithapuram Street Royapettah Madras

DIVATIA, Sir Harsidhbhai Vajubhai, M A LL B, Kt (Jan 1949) Vice Chancellor, Gujarat University, *m* Jolly Behn *Educ* Gujarat College, Ahmedabad Professor of Philosophy, Bareilly College, 1910-12, practised on the Appellate Side of the High Court 1912 33, Professor, Government Law College 1928 31 Hon Secretary, Bar Council, Bombay, 1932 33, Chairman, Bombay Textile Labour Enquiry Committee, 1938 40, Retired Judge, High Court of Judicature, Bombay and Retired President, Industrial Court, Bombay, Retired Chief Justice, Saurashtra *Publication* *Psychology* (in Gujarati language) and *The Art of Life in the Bhagvad Gita* *Address* 26 A, Ridge Road, Bombay 6, Navrangpura Ahmedabad

DIWAKAR, Ranganath Ramachandra, M A Governor of Bihar, since May 1952 *b* Sept 30, 1894 in Dharwar *Educ* Belgaum Hubli and Poona Was Teacher and Professor of English Victoria High School, Dharwar Rajaram College, Kolhapur, and K L Society's Arts College Dharwar 1916 20 joined Non co operation Movement in 1921 and started Karnatveer a Kannada weekly at Dharwar, suffered imprisonment for sedition, 1921 23, was General Secy, Karnatak Provincial Congress Cttee and Editor, Karamveer upto 1930, Pres, Karnatak Provincial Congress Cttee 1930 34, jailed for 6 months for breaking salt Law in 1930 started and conducted No Tax Campaign in Ankola Sirsi and Siddapur Talukas in North Kanara Dist took active part in 1942 struggle, after being underground for 2 years, surrendered to the authorities Aug 1944 and was interned for about a year, started National Literature Publication Trust now known as Peoples Education Trust at Hubli 1935 and took over Samyukta Karnatak', a Kannada daily from Belgaum, member, P L N, Author of a dozen Kannada and Hindi books was M P, was member A I C C Ex minister of State Information and [illegible] Govt of India *Publications* *ha, History and Technique, Gi[illegible]ita, Satyagraha in Action, Upanishads in Story and Dialogue* *Satyagraha Pathway to Peace* Address Hubli (Dist Dharwar) *Official* Governors Camp, Bihar



DIWAN, Raghavendra Srinivas Rao, M P Advocate Bombay High Court *b* Jan 1905 at Gulbarga, *s* of Srinivas *m* Smt Sushila bai two *s* and five *d*, *Educ* Bombay and Hyderabad Pres, City and Taluka Boards Cttees active worker Latur Taluk Co operative union the Local Board, Osmanabad Latur Municipality Member, Gorakshana then Latur, joined Congress, 1921, as a student Social work with Ramanand Tirth started Girls School at Latur with the help of his wife, 1936 worked for Second Maharashtra Parishad Latur 1938, participated in Hyd State Congress Satyagraha 1938 detained in Jail, 1941 & 1942 Gen Secy Congress Cttee 1947 participated in all the freedom struggles in the State took special interest in the rehabilitation of Bidar after it was burnt in 1940 Organized the Gumastas of Latur, Vice Pres, Gumastas Sangaham *Recreations* Music Reading, Walking *Address* Latur Osmanabad



DIXIT, Mr Justice Purushottama Vinayak, B A (Cantab) B Sc Bar at Law, High Court Judge Madhya Bharat *b* March 19, 1907 at Nagpur *s* of Vinayak Rajaram Dixit Nagpur *m* Vishakha, 4th *d* of late Sir Manubhai Mehta four *d* *Educ* Patwardhan High School, Nagpur, B Sc Nagpur Univ in first division, Christ's College, Cambridge called to the Bar, 1931 Practised at Nagpur bar for 10 years, Codification Officer Gwalior State, 1940 41, Judge, Gwalior High Court, 1941 42, Law Secy and Foreign and Political Secy Gwalior, 1942 45 Gwalior High Court Judge, 1945 46, Adviser to the Foreign and Political Ministers 1946 47, Chief Justice Gwalior High Court 1946 48, Pres, Ratlam Incidents Enquiry Commission 1949 presided over Gwalior Firing Enquiry, 1950 *Recreations* Motoring Astronomy and Astrology *Clubs* Jiwaji Club, Gwalior Gondwana Club, Nagpur *Address* 13 Gandhi Road Gwalior, Madhya Bharat

DIXIT, Mr Justice Yadnyeshwar Vasudeo, B A LL B, Puisne Judge, High Court Bombay *b* March 20, 1898, *s* of Vasudeo Ballal Dixit and Smt Annapurna, *m* Smt Ghankar now Yashodabai Dixit two *s* Charuchandra and Satishchandra and one *d*, Rajani *Educ* Wilson Coll Bombay Govt Law Coll, Bombay Joined the Appellate Side, Bar, 1926 Reporter, Indian Law Reports (Bom Series), 1933 45, Professor Govt Law Coll, Bombay, 1935 38 *Recreations* Cricket, Music *Clubs* Willingdon Sports Club and Orient Club Bombay *Address* Vellard View Pedder Road Cumballa Hill, Bombay

DOCTOR, Bhicaji Edulji, F R I B A (Lond) F I I A, M R San I (Lond), Chartered Architect *b* December 1901, *s* of the late Dr Edulji Pestonji Damanwalla, *m* Miss Juliette Degaillez of Lausanne, Switzerland, 1933, one *d*, Patricia, *Educ* Bombay, architectural course completed Bombay Art Society's Medalist, England and Continent for advanced studies, 1929 34, specialized in intricate schemes Was formerly practising as Doctor and Vazifdar at Bombay and Ahmedabad, now practising as B E Doctor & Bombay, visited England, France Italy and Switzerland on professional tour in the middle of 1947, a Freemason Lodge 'Beaman,' Royal Arch Chapter Rising Star of W I' *Clubs* Radio Club, Willingdon Sports Club Ripon Club [illegible] Ltd *Address Office* 'Dhanmu[illegible]shah Mehta Road Fort Bombay [illegible]ence [illegible] Warden R[illegible]



DOGRA, Pandit Girdhari Lal, B A , LL B , Finance Minister, Jammu and Kashmir Govt, *since* 1947 *b* July 1915, *s* of Pandit Bhima Mal, General Merchant, Amritsar, *m* Shrim Shakuntla Devi *d* of Pt Agya Ram, retired Supdt, Reception Deptt of the State, *Educ* Hindu Sabha Coll , Amritsar Law Coll , Lahore Joined Jammu Bar, 1942, Advocate Jammu and Kashmir High Court active political worker from student days has been a member of the National Conference of Jammu and Kashmir's Working Committee for a number of years, took prominent part in the movements started by the National Conference from time to time for democratisation of the State, was Emergency Officer, Kathua Dist during the Tribal raid from Pakistan into Kashmir in 1947 elected member Jammu & Kashmir Constituent Assembly 1951 Member, Constitution Drafting Cttee Chairman Administration Reorganisation Cttee and member of various other Cttees appointed by Govt *Address* Finance Minister and Kashmir Government J

DONGERKERY, Sunderrao Ramarao, B A , LL B Registrar Bombay University since 1931 *b* Feb 25 1898 *s* of Ramrao S Dongerkery and Ramabai M Baindur, *m* Kamala Ganeshrao Kulkarni, *Educ* St Xavier's High School, Elphinstone College & Govt Law College, Bombay Solicitor, Bombay High Court (1923 1930) elected Vice President and Chairman Constitution Cttee International Relations Conference at Nice, Dec and member Administrative Board National Universities Assoc , appointed by the Govt of Bombay as member, the S S C Exam Inquiry Cttee , 1949 and of the National College of Physical Education Cttee 1952 *Publications* Commentaries on *The Indian Sale of Goods Act* (1930) and *The Indian Partnership Act* (2nd Ed , 1936) *The Ivory Tower* (book of lyrics in English) , *Universities and Their Problems* (1948) *Bombay's University and Colleges* (1948) *Universities and National Life* , *Universities in Britain* (1953) *Address* 3 Sital Mahal 64 Walkeshwar Road Bombay

DONGRE, Ramchandra Vinayak, (Hons) (Bombay Univ), Partner, Dongre & Co Bomb



Is the son of Dr V Dongre, M B B S , J P , Miss I D Oka, *d* of Dr D V Oka Amraoti *Educ* Wilson High and Wilson Co Member Bomb Asiati tions Tennis *Clubs* Club of Maha- Turf Bombay 4 Lamington Road

DRIVER, Darab Cursetji, Adviser Public Relations Macneill & Barry Ltd , Calcutta *b* January 19 1888 *m* Piroja *d* of Meherji bhai Ardeshir Kooka , one *s* Jamshed and one *d* Shirin , *Educ* B A , Elphinstone College, Bombay M A , Emmanuel Coll Cambridge Bar at Law, Grey's I Indian President, Coal Consumers of India, Calcutta 1946 53 , Chief Fuel Economy Inquiry Cttee 19 Trustee Zoroastrian Trust Funds Past President Indian Chamber of Commerce Calcutta 1947 and Engineer Association of India Calcutta, 1943 46 , Calcutta Univ retired as Dy Agent, Iron & Steel Co Ltd , Calcutta *Address* Parsee Place Calcut

D'SOUZA, Rev Jerome, S J

St Joseph's College, Trichinopoly , Presidency College, Madras Joined the Society of Jesus, May 28, 1921 at Shembagnur , completed his theological course at Enghien (Belgium) , was Principal and Rector, St Joseph's College and Loyola College Member Constituent Assembly, 1946 50 , was a member of the Indian Delegation to the U N O , Sept 1949 and Nov 1951 , visiting Professor of Fordham University New York Jan to May 1950 member Advisory Cttee Bharat Sevak Samaj , Governing Board Indian Council of Cultural Relations U N O Panel for International Arbitration *Address* No 4 Boat Club Road Poona 1

DUBE, Kunji Lal, B A LL B Vice Chancellor Nagpur Univ *b* March 1897 *s* of Pandit Dharam Das Dube *m* Shrimati Lalta Bai three *s* and three *d* , *Educ* Jabalpur and Allahabad Practised at the Jabalpur Bar, Secy , Tripuri Session of the Indian National Congress , Professor of Law at Jabalpur, 1935 40 , courted jail in individual satyagraha detenu in 1942 struggle M L A of M Pradesh 1946 , Chief Parliamentary 1946 , Vice Chancellor, Nagpur 1947 50 re elected Vice Ch again in Jan 1 Civil Lines Nagpur

DUDHORIA, Nabakumar Sing, BUDH SING DUDHORIA BAHADUR Azimganj Zemindar and Banker *b* 1904 , *m* sister of Fateh Chand, present Jagat Sett of Murshidabad *Educ* Privately Hon Magistrate, Director, Sri Durga Cotton Mill Ltd , Calcutta, Laxmi Narayan Ayurvedic D member mbly member



Indian Assoc Bengal National Chamber of Commerce Bengal Landholders Assoc Indian Chamber of Commerce Sports Assoc Patron Bengal Music tion *Clubs* Calcutta Club Royal of Club Bengal Flying Club Life Member India Fine Arts and Crafts Society Royal the Society of Bengal Automobile As of Bengal and Mohun Bagan Club Vice President and Life Member, North Club *Address* Azimganj Murshidabad W al

DUGGAN, Sir Jamsnedji Nusserwanji, Kt , K B E (1945) C I E , O B L D O (Oxon), F C P S , Colonel I A M C I M & S ex Sheriff of Bombay, ex Ophthalmic Surgeon in Charge Sir C J Ophthalmic Hospital and Professor of Ophthalmology Grant Medical College Bombay *b* April 8 1884 , *m* Miss Parekh , *Educ* Bombay Oxford Vienna and London Consulting Ophthalmic Surgeon to War Hospitals and Ophthalmic Surgeon, Parsi General Hospital Bombay Private Ophthalmic Practitioner Hon member Ophthalmological Society of Egypt, ex Superintendent Tata Memorial Hospital, Bombay Fellow of the Bombay University and Honorary Presidency Magistrate, Bombay ex O C Indian Military Hospital, Bombay Pres , Jt War Cttee , Chairman, Bombay Branch Indian Red Cross Society, St John Ambulance Association and St John Ambulance Brigade , was awarded Silver Jubilee & Coronation Medals *Publications* A number of papers embodying research and contributi The Lawn Bombay

DULEEPSINHJI, Maharaj Shri (Cantab) Ex High Commissioner for India Australia & New Zealand *b* June 1905, *s* of Maharaj Jiwansinhji of Jam r , *m* Smt Jayraj Kumari, *d* of Maharaj Kiratsinhji , *Educ* Cheltenham Coll and Clare, Cambridge Racquet Blue Cambridge , Captained Sussex Team 1931 32 , played test matches against Australia, South Africa and New Zealand has travelled extensively in Europe U S A , Australia and New Zealand served in various administrative capacities in Nawanagar State (India) *Clubs* Garrick Club, London , Union Club Brighton , M C C , London Hony Life Member Sussex County Cricket Club *Address* The Grove , Jamnagar (Saurashtra)

DUNGARPUR His Highness Rai I-Rayan Mahimahendra, Maharajadhiraj Maharawal Shri Sir Lakshman Singhji Bahadur, G C I E (1947) K C S I (1935), the Maharawal of *b* March 7, 1908, of the Gehlot Ahara Clan of the Sisodia Rajputs and the eldest branch of the H of Udaipur, *m* , three the Heir Apparent Maharaj Kumar Shri Mahipal Singhji Bahadur, *b* on August 14 1931 , *Educ* Mayo College, Ajmer Succeeded to the *gadi*, November 15, 1918 was invested with full ruling powers, Feb 16, 1928,



has introduced many reforms resulting in city of the State and its people is ed to a salute of 15 guns member, ing Cttee of the Chamber of Princes continuously from 1931 47 when it was wound up , was one of the select Princes chosen by his order to meet the Cabinet Mission, 1946 , represented the Indian States on the Negotiating Cttee , appointed by the Chamber of Princes to negotiate the States entry into the Constituent Assembly has been Vice President of Mayo College General Council more than once , Patron & President, Rajputana Cricket Assoc , has captained Rajputana XI against the M C C and Australian XI on four occasions , Patron, Cricket Club of India , member M C C , is a keen naturalist and is interested in agriculture and study of wild life, after acceding to the Indian Dominion in August 1947 the State, with an area of 1 460 sq miles a population of 274 282 and a revenue of Rs 28½ lakhs, was integrated in the United State of Rajasthan which was formed on April 1 1949 *Address* Dungarpur

DURKAL, Jayendraray Bhagwanlal, M A D O C , Vidyavaridhi, Sahitya Ratnakar Swadharma Bhaskar, Author Educationist and Publicist *b* Sept 1 1881 *s* of Bhagwanlal, Chief Judge Gondal State and Mrs Jasha, Gujarati poetess *m* Sanvakta *d* of Dr P Divatia *Educ* Baroda and Ahmedabad Began career as Head master Anglo Gujarat School Calcutta , edited *The Review*, a religious monthly at Calcutta (1912) Prof of English and Gujarati M I B Coll Surat (1920) Principal, V F Hindu Gurukul 1936 retired 1939 , Pres Sanatan Vedic a Sabha Gujarat , Vaishnav Sadhu Jan Ahmedabad (1928) All India Untouchability Press Con Delhi (1944) , All India Anti Hindu Code Convention Jaipur (1948) Chairman, Organising Cttee All India Varnashram Swaraj Sangh, Bombay, 1933 *Publications Conservative India* and several Gujarati standard works of prose poetry and drama Life member Indian Philosophical Society awarded Doctorate of Oriental Culture by Benares (1946) *Address* Akasheth Street Ahmedabad

DUTT, His Excellency Subimal, B Sc (with Class Honours in Chemistry) Indian Ambassador to the Federal Republic of Germany (West Germany), at Bonn, since 1952 *b* March 13 1905 *s* of late R C Dutt , *m* Romola Dutt one *s* and two *d* *Educ* Presidency Coll , Calcutta University Coll , London Joined Indian Civil Service 1928 served as Asstt Magistrate, Joint Magistrate and Collector, Addl Dt and Sessions Judge, and Magistrate Collector in Bengal till 1938 , Under Secretary and later

Deputy Secretary to Govt of India Dept of Education Health and Lands 1938 41, Agent to Govt of India in Malaya 1941 Dy Secy to Govt of Bengal, Commissioner of Commercial Taxes, Bengal and Secy to Govt of Bengal in the Agricultural Dept till 1947, confirmed as Dt Magte and Collr, Bengal Govt, Secretary to Govt of India, Commonwealth Relations Ministry from Aug 1947 Secretary, External Affairs Ministry Govt of India, 1950 52 *Recreations* Gardening and Golf *Clubs* Delhi Gymkhana Club *Address* Indian Embassy, Federal Republic of Germany Bonn

DUTTA Gupta, Jatindra Chandra, B Sc (Engg) Master, India Security Press, Nasik Road since March 1951 *b* Sept 1, 1902, *el s* of late Jogendra Chandra Dutta Gupta Dist Tippera (East Pakistan) *m* Smt Charusila Dutta Gupta, *el d* of Lalit Chandra Das, ex M L C (undivided Bengal), three *s* *Educ* Cotton Collegiate School Guhati Sarail Annada High School Tippera, Murari Chand Coll Sylhet Engineering Coll Benares Hindu Univ Worked in various capacities in the General Engineering Workshop of W Leslie & Co Calcutta (now defunct) 1926 32, worked as Asstt Master and later Deputy Master India Security Press, Nasik Road 1932 51, was the first Indian to be appointed to the post of Master, was deputed by Govt to U K and the Continent for six months 1950 *Address* India Security Press Nasik Road

DWARKA His Holiness the Jagadguru Shankaracharya Swami Shri Abhinava Sachchidanand Teerthji Maharaj of Sharada Peeth, of Is an outstanding Hindu spiritual leader in Western India *b* Sept 1919, at Mulbagalu, Mysore State, *Educ* Studied Sanskrit and sacred lore Took holy orders from His Holiness Jagadguru Swami Shri Krishnanand Teerthji the Acharya of the Dwarka Jagadguru Samsthanam Mulbagalu 1944, installed at Dwarka on the holy seat of Shri Shankaracharya of Western India June 20 1945 is a linguist knows English and seven other languages and usually keeps moving about the whole of India delivering sermons on Hindu Religion and Philosophy recently visited the Himalayan high peaks Yamunotri Gangotri Kedarnath Badrinath etc takes keen interest in the cultural and spiritual uplift of India Pres All India Dharma Sangh Conference Dhebra (Bihar) 1946 Patna 1949 Kanpur, 1951 is still Pres recognised by the Govt as the Shankaracharya of Dwarka and a Primate of Hinduism looked on as a sort of spiritual guide by several Indian Leaders and Princes *Publications* Several books in Gujarati and Hindi Nav-Bharati a Gujarati Weekly is being published under patronage from his Rajkot pamphlet on a scheme of University with religious foundation *Address* Dwarka (W



EACHARAN, Iyyani, M *b* July 9 1918 at Manga Tum s of Iyyani Vella *m* Smt K Ammu June 6 1946 one *d* Rajam *Educ* Board Middle School Alathur and Board High School Quilandy Pres Harijan Sabha, Palghat Organizer Harijan Varya Dan Vidyalayam Havildar Store clerk 1943 46 worked as clerk in Civil Supplies Deptt 1946 51 returned to Parliament on Congress ticket from Ponnani reserved constituency member Indian Central Arecanut Cttee Indian Council of Agricultural Research and its Advisory Board *Recreations* Anjumanth



EBRAHIM, Haji Hasanally P, M L A 1946 52 *b* June 10 1896 *Educ* New High School Joined as an unpaid apprentice boy in the Persian Gulf Steam Navigation Co Ltd, 1913, established business with brothers 1916, resigned from Persian Gulf Steam Navigation Co Ltd, 1918 Asstt Manager Haji Shaikh Mohd Shustary & Co, 1918 19 Asstt Manager, Persian Gulf Steam Navigation Co Ltd, 1919 22 Manager, 1922 26 member, Haj Cttee, 1927 40 again since 1947 was appointed by Govt of India on Haj Inquiry Cttee, 1929, Vice Pres Haj Cttee, 1931 34, First non official Vice Chairman, Port Haj Cttee, 1934 36, elected first non official Chairman, 1936 37 1946 48 1949 50, 1950 51 and 1951 52 Vice Chairman Port Haj Cttee 1937 39 and 1944 45 Life Member All India Hajis Welfare League 1943 Patron 1944 and Vice Pres 1943 Ex Officio Member Wakf Cttee 1948 51, Partner Hasanally Brothers, All India Bottle Supplying Co Globe Radio & Sound Corpn, Sole Proprietor Presidency Radio Co, Chairman Board of Directors, Kerawala Ltd The All India Glass Works Ltd The United Enterprises Ltd, Proprietor of the All India Traders and The All India Bakelite Works, Founder and Managing Cttee Member All India Muslim Chamber of Commerce & Industry 1941 47 Bombay Prov Muslim Chamber of Commerce & Industries 1943 47 Radio Importers Assoc since 1944 Founder and Managing Cttee All India Radio Merchants Assoc Pres 1940 43 and 1944 46 49 Founder Managing Cttee Member Hon Treasurer and Vice Pres All India Plastic Manufacturers Assoc 1945 Vice Chairman Gandhi Jayanti Cttee 1947 elected M L A on Muslim League Ticket 1946, Pres Bombay Prov Muslim League, since 1947 Bombay Prov Muslim League Parliamentary Board 1947 Bombay Prov Muslim League Central Relief Cttee 1947 Bombay Prov Muslim League Working Cttee since 1947 Bombay Prov Muslim League Legislature Liaison Cttee 1947 Chairman Fourth Party *ad hoc* Cttee Bombay since 1948 Chairman, Fourth Party Parliamentary Board Bombay 1952 J P Sept 1931 to 1948 Hon Pres Magistrate 1942 48 Patron All India Hajis Welfare League 1944 Anjuman I Bair I Panjatan, 1936, Khoja Welfare & Educational Society, Life Member All India Hajis Welfare League from 1943 Trustee & Chairman since 1941 Aminabai Meherali Lazalibhoy Vishram Charities, founder Trustee Cutch Mundra Orphanage since 1935 Anjuman I Himayatul Islam since 1935 Hon Secy 1935 36 [illegible] 1936 37 Pres [illegible] Road Bombay

ELWIN, Verrier, M A D Sc (Oxon) *b* Aug 29, 1902 *s* of Bishop Elwin of Sierra Leone *Educ* Merton College, Oxford Vice Principal Wycliffe Hall 1926 and Lecturer at Merton 1927 came to India in 1927 in Christa Seva Sangh but after four years retired into lay life and with Mr Shamrao Hivale founded the Bhumijan Seva Mandal for the service of the aboriginals on a scientific and humanitarian basis the Mandal is now called the Tribal Welfare and Research Unit appointed Hon Ethnographer Bastar State, 1940 Anthropologist Govt of Orissa 1945 Deputy Director Anthropological Survey of India, 1946 49 F R A I F N I, F A S Editor, *Man in India* 1942 48, awarded the Wellcome Medal, 1942 the Ro Med I 194[illegible] R R A S Sil[illegible] Medal [illegible] *Maria Gonds of Bastar* (1939) *Muria and their Ghotul* (1939) *Leaves from the Jungle* (1936) *Phulmat and Other Stories* (1937) *Loved One and Other Stories* (1938) *Maria Murder & Suicide* (1943) *Folk Songs of the Maikal Hills* (1944) *Folk Tales of Mahakoshal* (1944) *Myths of Middle India* (1949) *Bondo Highlander* (1950) *The Tribal Art of Middle India* (1951) *Tribal Myths of Orissa* (1953) *Address* Patangarh P O Dindori Tahsil Mandla Dist M P

ENGINEER, Aspy Merwan, D I C, Distinguished Flying Cross (1942), Deputy Chief of Air Staff Air Headquarters *b* Dec 15, 1912, *m* Ruby Jehbhoy Treasurywala two *s* *Educ* D J Sind Coll Karachi R A F Coll Cranwell, England passed R A F Staff College Bracknell England graduate of Imperial Defence College London Won Aga Khan Prize being first Indian to fly between England and India within one month 1930 awarded Groves Memorial Flying Prize at Cranwell *Recreations* Fishing Shooting *Club* Delhi Gymkhana Club Delhi *Address* 6 King George's Avenue, New Delhi

ENGINEER, Sir Noshirwan Phirozsha, Kt (1945), B A, L L B, Ex Advocate General of India *b* Jan 22, 1884, *m* Jerbai Jamshedji Kanga, *Educ* Elphinstone College Additional Judge Bombay High Court from 1936 to Advocate General Bombay Sept 1942 to March 1945 Advocate General of India April 1945 to Jan 27, 1950 *Address* Nepean Road Malabar Hill Bombay

FALSHAW, Mr Justice Donald, B A I C S Judge, East Punjab High Court *b* January 22, 1905 *s* of James Falshaw and Mrs Falshaw of Morecambe, Lancs England, *m* Miss Joan Taylor (Dec 17, 1938), *Educ* Lancaster Royal Grammar School and Sidney Sussex College, Cambridge Entered I C S, 1927, came to India, 1928, District and Sessions Judge in various places from 1933, Lahore, 1939 43, Delhi, 1943 46, appointed Acting Judge Lahore High Court, Feb 1946, Additional Judge, Dec 1946 Addl Judge, East Punjab High Court, Aug 1947 June 1949, Puisne Judge *Recreations* Golf Racing *Address* Squire's Hall Simla 5 Punjab (India)

FEUGA, Right Rev Dr R, B A, D D, Bishop of Mysore *b* 24th Sept 1886, *Educ* in Paris Rector, St Mary's Seminary, Bangalore, Vicar St Philomena's Church Mysore, Nominated Bishop of Mysore 3rd April 1941 *Publications* Ed St *Philomena's Messenger*, 1932 41 *Address* Bishop's House, Mysore

FIRODIA, Kundanmal Sobhachand, B A, L L B, Ex Speaker, Bombay Legislative Assembly *b* Nov 12, 1885 at Ahmednagar *Educ* Graduated from the Fergusson Coll in 1907, was a Fellow of the same Coll for one year, passed L L B, 1910 Began practice as a lawyer, 1910 from college days, has been a Tilakite, Secy Nagar District Conference, 1916 Secy the Bombay Provincial Conference held in Nagar in 1919 and one of the five who bore the brunt of the loss incurred by the conference one of the promoters of the National School at Nagar 1920, took a leading part in the collection of Tilak Swarajya Fund and toured in Nagar District with Mahatmaji 1927, supported both the Movements, by organising financial aid 1930 and 1932, took prominent part in the famine relief of 1918 and 1920 and worked as the Secy of the Cttee, member, Nagar Municipality and the D L B of which he was elected P [illegible] in 1935 and 1940 respectively for twenty years as Secy Pinjarapole, Pres, City Municipality Ahmednagar 1940 *Address* Ahmednagar

FYZEE, Asaf Ali Asghar, B A, L L B (Bom) M A (Cantab), First class honours, Oriental Languages, Tripos 1924 (P T I), and 1925 (P T II) of the Middle Temple [illegible] Member Upon Publ

April 10 1914 *m* Sultana *d* of Kazi Kabiruddin Barat Law *Educ* St Xavier's Coll, Bombay St John's Coll Cambridge England Hon Secy, Islamic Research Assoc Anjuman Taraqqee Urdu Pres, Bombay Cricket Assoc, Principal Govt Law Coll Bombay, 1938 47, Member, Public Service Commission, Bombay, 1947 49, Past President, Rotary Club, Bombay 1947 48 Indian Ambassador to Egypt 1949 51 *Publications* *Introduction to Muhammadan Law* (Oxford 1941) *Ismaili Law of Wills* (Oxford, 1933) *Islamic Culture* (1944) *Outlines of Muhammadan Law* (Oxford 1949), and about 30 papers of a technical character on Law and Islamic subjects *Address* Member Union Public Service Commission New Delhi

GADGIL, N V, M P, Ex Minister for Production and Supply Govt 1896, in Rajasthan, *m* Miss Chapekar *Educ* Neemuch, Baroda and Poona graduated in 1918 with Honours in Economics and Politics LL B from the Govt Law College Bombay Joined Poona Bar, was Secy District Congress Cttee, Poona and of Maharashtra Provincial Congress Cttee, Pres Maharashtra Provincial Congress Cttee member, A I C C Vice Pres Poona Municipality imprisoned several times in connection with Satyagraha Intimately associated with Youth Movement in Bombay State was elected to the Central Assembly, 1934 acted as Whip and Secy, Congress Party till he became Minister in the Central Cabinet, Minister for Works, Mines and Power Aug 1947 May 1952 *Publications* Has written books both in Marathi and English on Economics, Finance and Politics *Address* 31 Ferozeshah Road New Delhi, 419 Shanvar Peth Poona

GADKARY, Sadashiv Atmaram, M I E E (London), C P E (Tech), M I E (India), Chairman (Power) Central Water & Power Commission, Govt of India, and Member, Central Electricity Authority *b* Dec 7, 1893, *m*, one *s* and one *d*, *Educ* College of Engineering, Poona Indian Inst of Science Bangalore, Schenectady, N Y, U S A Worked in P W D—Electricity Branch as Executive Engr, Superintending Engr, Dy Chief Engineer and lastly Chief Engineer and Secretary to the Govt of Punjab before partition and later as Chief Engineer and Secretary to Govt, East Punjab *Publications* *Hydro Electric Development*—*The Mahanadi, The run of the River Projects Conditions necessary for the development of load in major Hydro Electric Projects, etc* *The Mahanadi Valley Development Specification H D P 201 and H D P 206, The Chambal Hydro Electric Project, Vol I & Vol II* and storage batteries *Address* Chairman (Power), Central Water & Power Commission, Govt of India, Ministry of I & P Bikaner House, New Delhi

GAJENDRAGADKAR, Mr Justice Pralhad Balacharya, M A, LL B Judge High Court, Bombay *b* March 16, 1901, *m* Shalini Shaligram, *Educ* Satara High School (1911 to 1918), Karnatak Coll (1918 to 1920), Deccan Coll (1920 to 1924) Dakshina Fellow (1922 24), Bhala Vedant Prizeman Bhagwan das Purshotamdas Scholar (1922 24), Law Coll, Poona (1924 26) Joined the Appellate Side Bar 1926 edited the Hindu Law Quarterly Sir Lallubhai Shah lecturer, Bombay Univ on Hindu Law of Adoption 1950 delivered University Extension lectures on the Hindu Code Pill Karnatak Univ 1951 published the Sanskrit Text of Nanda Pandit's Dattaka Mimamsa and its English translation *Address* C 11 Mafatlal Park Warden Road Bombay 26

GANAMUKHI, Anna Rao, B A LL B Ex Minister for Local Government, Hyderabad Deccan *b* 1910 *s* of Basappa and Smt Gangamma *m* Smt Umabai *d* of Sharanappa one *s* and one *d*, *Educ* High School Gulbarga Osmania Univ Hyderabad Dn Joined the Bar at Gulbarga and became a prominent member of the Municipal Councillor Pres Karnatak Jatra shad held at Sholapur, Secy Dist Congress Cttee, Gulbarga, member, Working Cttee Hyderabad State Congress M P, General Secy Hyderabad Karnatak Provincial Congress Cttee member Hyderabad Pradesh Congress Cttee *Recreation* Reading *Address* C/o Secretariat Hyderabad Deccan

GANDHI, Devadas, Managing Editor, *The Hindustan Times*, New Delhi *b* May 22 1900, Durban (South Africa), *s s* of Mahatma Gandhi *m* Lakshmi, *d* of C Rajagopalachari, three *s*, Rajmohan Gandhi Ramchandra Gandhi Gopalkrishna Gandhi and one *d* Tara Gandhi *Educ* South Africa Gurukul and Santiniketan India Began his career as a journalist generally collaborated with his father in his public activities in the political and social fields in India, went to prison eight times in the course of the Indian movement, assisted on *Young* edited by his father, and the a daily of Allahabad, was twice Pres, Indian & Eastern Newspaper Society and the All India Newspaper Editors Conference Director on Reuters Board of India *Publications* *India* *Memories of Bapu* *Address* Times New Delhi

GANDHI, Manmohan Purushottam, M A F R Econ S F S S, J P Editor, Indian Cotton Textile and Sugar Industry Annuals, Editor, Major Industries Annual Hon Professor, Sydenham College, of Commerce (1943 49), Member Governing Body, Indian Council of Agricultural Research All India Council of Technical Education Indian Cttee *b* Nov 1901 *m* Bombay and Banaras Chamber of Commerce, Calcutta 1926 30, Secy, Indian Sugar Mills Assoc Indian National Committee & Federation of Indian Chambers of Commerce & Industry, 1929 30 Head, Credit Dept National City Bank of New York, Calcutta, 1936 37 Chief Commercial Manager Dalmia Cement Ltd, and Rohtas Industries, Ltd Director, Indian Sugar Syndicate, 1937 40, member U P & Bihar Sugar Control Board 1940 Controller of Supplies, Calcutta and Bombay, 1941 42, Technical Adviser, Indian Tariff Board, 1947 *Publications* An Annual each year on Cotton, and Sugar Industries Hand looms and on Major Industries in India *Address* Jan Mansion Sir Phiroz Jhab Mehta Road Bombay

GANDHI, Phoolchand Ramchand, B A LL B (Bombay), Ex Minister, Health and Education, Hyderabad Dn *b* Sept 25, 1901 *m* Smt Navalbai, *d* of Hiraj Gulabchand Mehta, Baramati, 1919, two *s* Vijmchandra and Nalinchandra and two *d* Indumati and Vanamala *Educ* Poona Lawyer, for ten years, Pres Bar Assoc, Osmanabad Urban Co operative Bank, Osmanabad Dist Congress Cttee, Osmanabad, Vice Dist Co-operative Bank Osm Member, Working Cttee Hyderabad Congress and Maharashtra Provincial Congress Pres All Hyderabad Jain Assoc *Recreations* Cricket Tennis and Literature *Address* C/o Secretariat Pegumpet Hyderabad Dn

GANGWAL, Mishrilal, Chief Minister Madhya Bharat, since March 1952 *b* Samvat, 19 Indore, *Educ* Indore Took to the profession of his forefathers, is keenly interested in social and cultural work was elected Pres of several social and commercial institutions was highly influenced by Mahatma Gandhi's writings and began to take active part in politics was elected Pres Marwari Provincial and Indore Rajya Sabha was member



Indore Legislature, was Food Minister Indore was Civil Supplies Minister Madhya Bharat Commerce and Industries Minister 1949 50, Finance Minister 1950 52 elected Leader Congress Legislature Party Madhya Bharat Leg Assembly 195 *Address* Chief Minister Indore Gwalior

GARIN, H E Dr Vasco Vieira, M V O Envoy Extraordinary & Minister Plenipotentiary of Portugal to India Thailand and Ceylon *b* June 23 1907 *s* of Marcus Garin and Ernestina Amelia da Silva Vieira Garin *m* Phyllis Harrison Garin *Educ* Lyceum obtained degree in Economics and Financial Sciences from the Univ of Lisbon Portugal Second Secy to the Portuguese Embassy in London (April 1935 Jan 1939) Counsellor to the Portuguese Embassy in Washington (Jan 1941 April 1946) Chief of the Political Dept in the Portuguese Ministry of Foreign Affairs Lisbon (April 1946 Sept 1948) *Recreations* Reading Music Golf Shooting Tennis *Clubs* Delhi Gymkhana Club Delhi Golf Club *Address* Hardinge Avenue New Delhi

GARNER, Joseph John Saville, C M G B A (Hons) (Cambridge), U K Civil Service Deputy Under Secy of State Commonwealth Relations Office since 1953 *b* 1908 *s* of Joseph and Helena Maria Garner *m* Margaret Beckman two *s* and one *d* *Educ* Highgate School Jesus Coll Cambridge Dominions Office, 1930, Deputy High Commissioner for the U K in Canada 1946 48, Assistant Under Secretary of State, C R O 1948 Deputy High Commr for U K in India 1951 53 *Address* Commonwealth Relations Office Downing Street London S W 1

GARWARE, B D, Managing Director Garware Motors Limited Agent for Fiat cars like Lagonda, Jaguar, etc, Garware Finance Corporation Limited, and Proprietor, Dominion Plastic Industries of Bombay *b* Dec 21 1903, at Jasgaon Dist Satara *m* Mrs Vimalabai Garware four *s* all educated at Dulwich Coll, England, *Educ* Sangli Started business in Bombay, 1921, has travelled widely on the Continent and in the United States on several occasions a keen sportsman *Recreations* Cricket, Badminton and Swimming *Clubs* All leading clubs in India *Address* Chowpatty Chambers Sandhurst Bridge Bombay

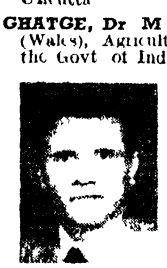


GAUR, Vrajendra Nath, Journalist Playwright Author and Radio Feature Writer *b* April 1 1920 Has been in the film line as Dialogue and Song Writer since 1945 the pictures to his credit being Sawan Paniharin, Ratnawali Gunjan Vo Donan Mangal Sutra Neera Aur Nanda Girls School, Ankhen Gaula, Kahin and Sangram his latest pictures are Shamsheer Shikar, Kastoori and Parmeeta, has also signed to direct one picture his ambition is to write a novel on present day problems of the common man after a world tour, knows Hindi English Urdu and Gujrati *Publications* In Hindi *Tarole Par* (Novel), *Kalkate Ka Kattelam* (Stories) banned by the British India Govt under Section 144 I P C, *Atript Manav Sindoor ki Laaj Bikhri Kalyan Kagar Ki Nao, Tadheri Raat, Tudh ki Kahaniyan* etc *Hobbies* Touring, Crosswords Pen friendship Gardening Painting and Photography *Address* 141 Kurla Road Andheri Bombay, The [illegible] Palad Bombay



GHANDY, Sir Jehangir Jivaji, Kt, Cr 1945, C I E, 1941, Director Tata Industries Ltd Jamshedpur, since 1946 *b* November 18, 1896, *s* of late J D and Amai Ghandy, *m* Roshan Devitre, *d* of Mr and Mrs Devitre 1948, one *d*, Amy, *Educ* B A (Hons), B Sc (Hons) Bombay University, B S, School of Business, Columbia University U S A B Met (Eng), Carnegie Technological Institute, U S A Member of the Inst of Engineers (India), Fellow of the Inst of Fuel (Great Britain), Member of the Iron & Steel Inst (Great Britain) joined the Tata Iron & Steel Co, Ltd, Jamshedpur, as Metallurgical Engineer, 1921 Supdt, Bar Mill, 1923, Asst General Supdt, 1925, Gen Supdt, 1930 Dy General Manager, 1937, General Manager, 1938, Agent, Tata Sons, Ltd, 1944, Director, Macneill & Barry Ltd, 1951, Director Sindri Fertilizers & Chemicals Ltd, 1951, Member, Board of Governors, Indian Institute of Technology, Member, Board and Governing Body Council of Scientific & Industrial Research Chairman Metals Cttee, C S I R, Past President, Indian Institute of Metals, Chairman St John Ambulance Assoc, Jamshedpur Centre Asst Commr of St John Ambulance Brigade (Overseas), Singhbhum Sub-District Associate Knight of the Venerable Order of St John of Jerusalem *Address* The Tata Iron & Steel Co, Ltd, Jamshedpur 23B Netaji Subhas Road Calcutta

GHATGE, Dr M B, P Ag (Bom) Ph D (Wales), Agricultural Marketing Adviser to the Govt of India since April 1953 *b* Jan 31, 1906, *Educ* Agricultural Coll, Poona and Aberystwith (Wales) Gr Britain Prof of Agricultural Economics, Coll of Agriculture Poona 1936-42 Provincial Marketing Officer, Bombay State, 1936-39 Chief Marketing Officer, Bombay and Dy Food Controller in charge of Storage and Additional Dir of Civil Supplies, 1942-46, Dy Dir of Agriculture in charge of Grow More Food campaign and Five Year Plan 1946-52 Jt Dir of Agriculture (Extension) and in charge Grow More Food Campaign and Five Year Plan, 1953, travelled extensively in U S A and Japan to study the Agricultural Extension Service Member All India Agricultural Economics Conference, Indian Council of Agricultural Research, Indian Central Oil Seeds Cttee, Indian Central Sugarcane Cttee Indian Standards Institution, Central Tea Board, Indian Central Tobacco Cttee, Indian Central Arecanut Cttee, Indian Central Coconut Cttee, Central Food Standards Cttee, etc *Address* Agricultural Marketing Adviser Govt of India, New Delhi



GHATGE, Sambhajirao Appasaheb, B A (Hons) LL B, Chief Commissioner, Kutch *b* May 1, 1901, *s* of Sardar of Akalkot *m* Smt Tarabai Ghatge of Deshmukh family, Berar, *Educ* Akalkot, Sholapur, Poona, Baroda and Bombay Dy Collector 1926 Collector of various districts of Bombay State, 1941-43 and 1945-48 Civil Recruiting Officer for the Province of Bombay during World War II for 2½ years Civil Administrator, Gulburga, 1948-50, Director of Local Authorities, Northern Division, Bombay State *Recreations* Cricket Tennis, Shooting Swimming *Clubs* Poona Club Ltd, Cricket Club of India, Ahmednagar Club *Address* Umed Bhuvan, Bhuj, Kutch

GHOLAP, Laxman Trimbak, B A (Hons) (Lond), I C S, C I E (1946) Chairman, Bombay Port Trust since Aug 1949 *b* Oct 4, 1903, *m* Manik Patwardhan, B A, B T, *Educ* Elphinstone and Deccan Colleges London School of Economics and Political Science, Inner Temple Joined I C S, 1927, Asst Collector Surat, Ahmedabad and Thana Collector, Thana, East Khandesh and Hyderabad (Sind), Registrar of Co-operative Societies in Sind, Secy Sind Govt, Home, General and Legal Deptts Finance Secy, Sind Govt, Dy and Joint Secy, Govt of India, Finance Dept, Controller of Indian Shipping and Joint Secy, Ministry of Commerce, Govt of India, Secy, Home Dept, Govt of Bombay Secretary to the Govt of Bombay Health and Local Govt Dept and Education and Industries Dept *Address* North Lnd, Carmichael Road Bombay

GHOSE, Debes Chandra, Merchant *b* Jan 5, 1903, 2nd *s* of late Joges Chandra Ghose (of Jalpaiguri) and late Subhasini Ghose, *m* Gita Ghose (*née* Mitter) two *s* and two *d*, *Educ* Hare School, Scottish Churches College and Calcutta Medical College Member Planning Commission Advisory Panel on Commerce Central Tea Board, 1949-52 Ex Pres, Tea Chests and Plywood Trades Assoc, Calcutta, served as Adviser to Govt of India Delegation to Ottawa Conference 1932 Indian Cotton Delegation to Egypt 1948 Bengal National Chamber of Commerce Executive Cttee 1943-53 Commissioner, Calcutta Port Trust, 1945 and 1946 member Indian Tea Licensing Cttee, 1934-52, Indian Tea Market Expansion Board, 1936-49 formerly member Export Advisory Council, Central Advisory Council of Industries, International Tea Cttee, London Vice Pres, Indian Tea Planters' Assoc, Jalpaiguri 1944-46, member, Executive Cttee of the Federation of Indian Chambers of Commerce & Industry, 1938-44 and 1951-52, served as a Director, Reserve Bank of India Calcutta Area 1945-48, Councillor Corporation of Calcutta, 1946-48, Managing Director, D C Ghose & Co (Agents) Ltd R J Alcock & Co, Vice-Chairman and Director Malhati Tea Ltd, Bijoynagar Tea Co Ltd, etc *Recreations* Tennis, Games, etc *Clubs* Calcutta Club Ltd, East Bengal Club National Sports Club of India, South Club Calcutta Darjeeling Gymkhana Club Delhi Gymkhana Club Royal Automobile Club (London) *Address* 7 Burdwan Road, Alipore (Calcutta)



GHOSE, Hemendra Prasad, Author and Journalist Lecturer in Department of Journalism *b* 1876, *s* of Girindra Prasad Ghose, *Educ* Calcutta Presidency College B A, 1899 Member, Institute of Journalists London, was a member of the Press Deputation to Mesopotamia, 1917, former Editor, the *Bande mataram*, the *Basumati* and the *Advance*, representative of the Indian Press of Bengal in the Press Delegation to the Western Front 1918, Chairman Reception Cttee of the All India Newspaper Editors Conference held at Calcutta *Publications Press and Press Laws in India The Famine of 1770, Aurobindo the Prophet of Patriotism The Newspaper in India* etc *Address* 12-10, Goa Bagan Street Calcutta, Niladrinilaya Basulisahi, Puri (Orissa)

GHOSH, Ajoy, B Sc (Allahabad) General Secretary Communist Party of India *b* Feb 20 1909, *m* Smt Hitto Rai, *Educ* Kanpur and Allahabad Accused in Lahore Conspiracy Case, 1929 worked in Mazdoor Sabha Kanpur member, Central Cttee of the C P I, since 1933 *Publication Bhagat Singh and His Comrades Address* Raj Bhuvan Sandhurst Road, Bombay 4

GHOSH, Ajoy Kumar, B Sc (London), I C S, Ex Chief Commissioner Andaman and Nicobars *b* April 14, 1908, 2nd *s* of Mahim Chandra Ghosh late Judge, Calcutta High Court *m* Mallika Sen two *s*, *Educ* St Paul's School Darjeeling, King's Coll, London Entered the I C S 1932 served in undivided Bengal as Asst Collector, Joint Magistrate and Dist Magistrate, 1932-42, and as Dy Secy and Secy, 1942-47, Joint Secy, West Bengal, 1947-49 *Recreations* Swimming, Fishing, Reading *Clubs* Calcutta Club, Lake Club *Address* C/o The Home Ministry New Delhi

GHOSH, Amalananda, M A Director [illegible] Govt of India [illegible]0, *s* of late Up[illegible] [illegible]r, A B H School [illegible] *m* Smt Sudha Ghosh *d* of Dr B K De, one *s* and one *d*, *Educ* A B H School Banaras, Queen's Coll, Banaras Allahabad Univ Asstt Supdt Archaeological Survey of India 1937-44, Superintendent 1944-49 [illegible]or General [illegible] General [illegible] at Aihole [illegible], Brahmagiri, Nittappa, etc, etc conditions in Bikaner and other places *Publications* Numerous articles on Indian and Archi[illegible] *Address* Director General of Archaeology in India, Curzon Road Barracks New Delhi

GHOSH, Haricharan [illegible]on) M A (Mathematics) Chief Director, Multipurpose National Sample Survey, Dept of Economic Affairs Ministry of Finance, Government of India *b* Jan 1903, *s* of Hrishikesh Ghosh, Retd D S P 24 Parganas Alipur and Smt Swarnamoyee Devi *m* Asha Ghosh (*née* Asha Basu of Baloram Basu's family Calcutta) two *s* Brajadulal and Nimai and two *d*, Geeta Deb and Savitri Ghosh, *Educ* South Suburban School, Bhawanipur, Calcutta, Presidency Coll, Calcutta and Calcutta Univ Law Coll, Premchand Roychand Scholar (1930) Mouat Medallist (1932) Professor of Economics Ramjas Coll Delhi 1926-29, Lecturer in the Dept of Economics and Commerce, Calcutta Univ 1930-48 Vice Principal, Commerce Dept and Senior Professor of Economics and Civics Bangabasi Coll Calcutta, 1930-48, Director of Industrial Statistics Ministry of Commerce & Industry Govt of India, 1949-51 *Publications* A large number of papers on General Theory and Indian Economics Indian Finance (1921-31) *Recreations* Tennis, Cards *Address* New Delhi

GHOSH, Shusil Chandra, Managing Proprietor, Universal Trading Co, Calcutta, Managing Director, South Jambad Coal Co Ltd New Gobindapur Coal Co, Ltd Ghosh's Estate Ltd Owners of Coal & China Clay Mines *b* in Calcutta on February 15 1888 Twice elected as Chairman of the Indian Mining Federation (1930 & 1940) nominated by the Government of India as Employers' Delegate Adviser, [illegible] Labour Co[illegible] (1931), [illegible] Geological [illegible] urgical [illegible] 1946-47, [illegible] Honorary Secretary of the Bengal National Chamber of Commerce Calcutta elected on the Calcutta Port Trust (1931-32) Calcutta Improvement Trust (1927) Indian Coal Grading Board (1926-29 and 1932-33), Indian Soft Coke Cess Committee (1930-34), Coal Wagon Supply Committee (Railway Board), Railway Rates Advisory Committee (1930-33) E I Railway Calcutta Advisory Committee (1928, 29-30, 31), Board of Income Tax Referees Bengal, Board of Industrial Conciliation Panel (Bengal) Asansol Mines Board of Health [illegible]d by the Govt of India as [illegible] the International Coal Mining Conf[illegible] in London in December 1945 member, Coal Advisory Cttee, Ministry of Production Govt of India *Address* 33 Canning Street Calcutta



GHOSH, Surendra Nath, M A LL B, Journalist, Editor, *The Pioneer*, Lucknow, since 1946 *b* May 20, 1904 *s* of Harish Chandra Ghosh *m* Biva Chowdhury three *s* *Educ* Allahabad University Started as a reporter,

...ctive Ass... ...ber Thos
U P Pro..., Member
U P Plan... ...ing Cttee of
the All India Newspa... Conference
Recreation Gardening... The Pioneer
House Lucknow

GHOSH, Tarun Kanti, B A ... puty
Minister Development (Low... Food
Relief & Supplies (Relief) Gov...
Bengal, since June 1952 *b* Feb ... of Tushar Kan...



Editor, *Amrita Bazar Patrika* and Smt Bibharani Ghosh *g s* of late Mahatma Sisir Kumar Ghosh, Founder of the *Amrita Bazar Patrika*, *m* Smt Surya Ghosh, on ...*d*, *Educ* Pre... Calcutta Stan... ...ver as Asstt Manager *Amrita Bazar Patrika* Allahabad was Gen Manager and Joint Secy, All... ...es of the *Amrita B*... the Relief Fund for ... 1946, took a ver... ...e independen... was Chairman, ... idents Congress at Allahabad presided over by Sri Jayprakash Narain, took keen interest in ...ommun... Relief Fund in his own organiza... ...Jugantar East Bengal was elected M L A ...ber 24 Parganas Con... stituency) on ... Reading of bo... Lower Circular Ro..., 14 Ananda Chatterjee Lane Ca...

GHOSH, Tushar Kanti, B A, Editor, *Bazar Patrika*, Calcutta and Allahabad *b* Oct 4, 1899, *m* Bibharani Dutt *Educ* Calcutta Univ, Ban... ...Vidyasagar Coll Started as sub-... 1920, founded *Ju...* (Calcutta) Bengali daily founded *Allahabad Patrika*, English daily founded *Amrit Pat...* ...habad) Hindi daily All India N... ...itors (1946-47), ...stern Newspaper (1948-49) repre-



sented India at the Empire Press Union Conference in London June 1946 and travelled extensively, President Indian Journalists Asso... Calcutta, Andhra Journalists Conference at Guntur, 1937, All India Printers Conference at Poona 1939 All Jamm... ...mir Confer... ence Bengal Film ... Assoc... and All India Film Journa... ...ue, Lahore, 1941, Director ... ...a United Press of India ... Director-in-Charge *Advance Ltd* Leader, Indian De... ...n to Egypt, 1950-51, member ... ...l of Film Censors ... *Address* ... ...14 Ananda Chatterjee Lane Road, Allahabad

GIBBS, Air Marshal Gerald Ernest, C B E (1946) C B E (1945) M C, Ex Chief of the Air Staff and Commander in Chief Indian Air Force *b* Sept 3, 1896, *s* of Ernest William Cecil and Fanny Wilmina Gibbs, *m* Margaret Jean Bradshaw, ...one *s* and one *d* War, 1914 ...om Army ...nd R A F ... 1918 (M... ...and 2 ... Legion d honneur, Croi... Guerre) served ... ...A F ...ndian ... two Wars, Senior Air Staff Officer, H Q 3rd Tactical Air Force, South East Asia, 1943-44, Senior Air Staff Officer, H Q, R A F Burma, 1945, Chief Air Staff Officer, Supreme H Q, S E A C 1945-46, Senior Air Staff Officer, H Q R A F Transport Command, 1946-48, Service Adviser to U K Delegation, U N and Chairman, U K Delegation to Military Staff Committee U N, 1949-51, Chief of Air Staff and C in C, I A F, 1951-54 *Recreations* Golf skiing, sailing *Clubs* Royal Air Force Royal W... Golf ... Walton Heath Golf ... Air ... *Address* Headquarters, New Delhi

GIDWANI, Dr Choithram P, M P President All India Refugee Association *b* Dec 25, 1889 in Hyderabad Sind, *Educ* Medical School, Hyderabad-Sind Started public career at the time of Swadeshi Movement in connection with the Partition of Bengal, 1907 since then, has taken active part in all National Movements, including social as well as educational particularly political and has been in prison for various terms between 1919 and 1947 Pres, Sind ... Congress Cttee for over 25 years ... Leg Assembly, 1945, was Chan... ...tion Cttee of the historic Karachi session of Indian National Congress, member A I C C, Working Cttee of A I C C, opposed the partition of the country in the meeting of A I C C, July 1947, started refugee work, all over India Nov 1947 has been Pres, All India ... for the last four years Mahatma Gandhi Road

GILDER, Dr Manchersha Dhanjibhai Dhorabji, B A, L M & S (Bombay), M D (London), F R C S (Eng), Ex Minister Public Health and Medicine Govt of Bombay *b* Nov 1882 *m* Miss Hirabai Ardeshir Contractor, L M & S, *Educ* St Xavier's Coll, Bombay, Grant Medical College, Bombay University College, London Formerly Hon Physician, Goculdas Tejpal Hospital and Physician in charge, Parsi Fever Hospital, Hony Physician, King Edward VII Memorial Hospital, Bombay, and Lecturer in Medicine Seth G S Medical College *Publications The Human Electrocardiogram* (with Sir Thomas Lewis), *The Pulse in Aortic Disease* *Address* 67F, Warden Road Bombay

GILL, Piara Singh, M S (S O Calif), Ph D (Chicago) F N I, Fellow, American Physical Soc, Professor of Ph... ...Sc... of Science Muslim ... Gulmarg Research ... 28, 1911 *s* of S Basant Singh *m* Chanti Hukamchand, two *d* Nishtha and Surishtha *Publications* Extensive work on Cosmic Rays *Address* Aligarh University Aligarh

GINWALA, Sir Padamji Pestonji, Kt (1927) B A (Hist Tripos, Cambridge), Barrister-at-Law, Adviser to the Indian Iron & Steel Co, Ltd, Indian Standard Wagon Co, Ltd and Burn & Co, Ltd Director, Steel Corporation of ... Indian Iron & Steel Co, Ltd, Standard Wagon Co, Ltd, India Steel Co, Ltd, British Burma Petroleum Co, Ltd (London), Member, London Board, India Iron and Steel Co Ltd *b* Nov 1875 *s* of Framroy Bezonji, *Educ* Govt High School and Gujarat Coll, Ahmedabad, Trinity Hall, Cambridge, called to the Bar, 1899 Advocate Chief Court of Lower ... ., Member, Legislative A... ...1923, Member, Indian Tariff ... 1923, President 1926-1930, resigned Jul... 1930, Delegate, Imperial Conference, 1930 Member Round Table Conference 1931 Conference, 1932 World ... Conference, 1943, President Indian Air Force Pilots Selection Board, 1940 and 1941 Chairman, Iron and Steel (Major) Panel, 1945 Chairman Calcutta Terminal Facilities Committee, 1947, Pres, Indian Institute of Metals *Address* 12, Mission Row Calcutta

GIRI, V V, ... for Labour, Govt of India since May 1952 *b* Aug 10, 1894, in Berhampore, *m* V Saraswatibai *Educ* National Univ, Ireland Trade Union leader for many years, General Secy and Pres of the All-India Railwaymen's Federation, twice Pres of the All India Trade Union Congress, Indian Workers delegate to the International Labour Conference at ... 1927 Workers ... ...ive in the S... ... ... Table Confer... ence London 1931 Member, Central Legislative Assembly ... years, Minister for Labour, Indu... Co-operation in the Madras Ministry during 1937-39 Minister in the Madras Govt in 1946 High Commissioner for India in Ceylon *Address* Min... ...bour Govt of India, New Delhi



GITARAM, Garg, B A, C E, Rai Bahadur (Jan 1943) Special Commissioner Canal Waters, Govt of India, since March 1953 *b* Sept 30, 1894 *s* of L Harprasad Banker, Karnal (Punjab) and Shrimati Sukh Devi, *m* Shri Bhagwati Devi, two *s* and four *d* *Educ* Govt High School, Karnal, Govt College Lahore, Civil Engineering Coll, Roorkee Scholarship holder since 8th class Joined Irrigation Branch, Punjab, in Sept 1918 as Engineer as Sub Divisional Officer was associated with the Thal Surveys and Projects and prepared Patti or lesser Thal Project, Executive Engineer 1926-40, Superintending Engineer March 1940-44 was appointed in January 1944 as officer on Special Duty to assist the Chief Engineer in the administration of Western Canals and was responsible for the administration of all the ... of Sutlej Valley Project, Chief Engineer ...ion Branch East Punjab Dec 1946 to 1949, Dir Irrigation 1950 ... *Recreations* Reading religious bo... *Address* Ministry of I... ...Sixth Block New Delhi

GODE, Parashuram Krishna, B A (Hons), M A Curator, Bhandarkar Oriental Research ... Poona, since 1919 *b* July 11 ... Krishnaji Govind Gode of Bhad... Miss Rangubai Tophkhane of ...pur, two *s* and one *d* *Educ* The New ...h School and Fergusson Coll, Poona ...sor of English and Sanskrit Indian Women's Univ, 1918-19 Associate Member, Ecole Francaise d'Extreme Orient (Hanoi), Hony Pres, Cultural Cttee of Argentine Hon Editor Annual Bibliography of Indian Archæology, ...ion), Hon Collaborator, Bibliography ...n Philosophy, etc Distinguished ...s Silver Jubilee Medal of B O R Institute (1943) Recognised Professor of Ancient Indian Culture of Poona Univ, publicly ...onoured on May 18 1949 by presenting the ... copy of more than 100 papers from all ... of the world received for Gode ...moration Volume *Publications* Author of more than 435 research papers on Indology published in 50 different journals and volumes (1916-53) Editor of ...*phy* ...itor ...for ... ...edition of Apte's ...ary, Author of seve... ...five catalogue of manus...

GOENKA, Rai Bahadur Sir Badridas, Kt C I E , B A , Merchant, Banker, Mill owner, Hindu Marwari *b* 1883, *s* of late Ramchander Goenka , *m* Manorama, 2nd *d* of late Rai Bahadur Durga Prasad Rais of Farrukhabad, U P , 1899 , *Educ* Graduated from the Presidency Coll , Calcutta, 1905 Partner, Ramdutt Ramkissendass , Chairman Board of Directors Hukumchand Jute Mills Ltd , Hercules Insurance Co , Ltd , New India Investment Corpn Ltd Kamla Mills Ltd , Standard General Assurance Co , Ltd , Director Reserve Bank of India (Central Board) 1935 41 Imperial Bank of India Hindusthan Motors Ltd , Rallis India Ltd , Pres Federation of Indian Chambers of Commerce & Industries, 1945 46, Marwari Assoc , 1928 30 , Indian Chamber of Commerce, 1941 , Trustee Calcutta Improvement Trust, 1928 40 , Victoria Memorial Hall, Calcutta , member Bengal Legislative Council, 1923 35 , Sheriff of Calcutta, 1932 33 made Rai Bahadur, 1925, C I E , 1928 and Knight Bachelor, 1934 *Club* Calcutta Club *Address* "Goenka Niwas" 19 L ' Road, Alipore Calcutta



GOENKA, Keshav Prasad, Partner Ramdutt Ramkissendass *b* 1912, *s* of Sir Badridas Goenka Sheriff of Calcutta (1950 51), Vice Chairman, Central Board Member Cttee of the All India Organisation of the Industrial Employers International Chamber of Commerce Import Advisory Council, Govt of India , Indian Central Jute Cttee (1939 42) Bengal Economic Enquiry Cttee (1938 41) Cttee of the Indian Chamber of Commerce , Pres Indian Chamber of Commerce (1948 49) , Indian Insurance Association Calcutta (1948 50) , Chairman The Hind Bank Ltd , Vice-Chairman Duncan Brothers & Co Ltd Director Reserve Bank of India (1948 49) Anglo India Jute Mills Co , Ltd , Auckland Jute Co , Ltd , Amalgamated Coalfields Ltd Bhatkawa Tea Co Ltd , Calcutta Landing & Shipping Co , Ltd , Calcutta Investment Co , Ltd , Carew & Co , Ltd , Dalhousie Jute Co , Ltd , Hantapara Tea Co , Ltd Hatikhira Tea Co , Ltd , Karanpura Collieries Ltd , National Tobacco Co of India Ltd , New India Investment Co Ltd , Octavius Steel Co , Ltd , Patrakola Tea Co , Ltd , Pench Valley Coal Co Ltd , Standard General Assce Co , Ltd , Tezpur Tea Co , Ltd , Titaghur Paper Mills Ltd , Triton Insurance Co , Ltd , United Provinces Sugar Co , Ltd , etc *Club* Calcutta Club Ramdutt Ramkissendass, Bombay Phone 9 Brabourne Road Calcutta Goenka Calcutta



GOENKA, Ramanath, Managing Editor, *Indian Express* and *Sunday Standard b* May 11, 1902 *s* of Basantlal Goenka *m* Smt Moongi *Indian Express*

GOKAK, Vinayak Krishna, M A and M A (Bom & Oxon) First Class in English, B A First Class in English Language & Literature in Oxford, Principal and Professor of English Karnatak College, Dharwar *b* Aug 9, 1909, *s* of Gokak Krishna Rao and Sundrabai , *m* Sharada Betadur one *s* and three *d* *Educ* Majid High School Savanur , Karnatak College Dharwar , Jesus College, Oxford Prof of English Coll , 1941 46 Prof of English and Principal Willingdon Coll Sangli 1938 44 Prof of English, Osmania Univ , 1944 46, Wilson Philological Lecturer in English Bombay Univ , 1943 44, Pres Kannada Poets Conference, 1934 , Karnatak Educational Conference 1943 Principal M N College and Prof pur *Publ* of lyrics in English, *The Poetic Approach to Language* (O U P) novel, three plays and several collections of lyrics letters and essays in Kannad College Dharwar

GOKHALE, H E Bhalchandra Krishna, M A (Bombay), B A (Cantab), I C S , C S I (1st Jan 1946), C I E (1st Jan 1948), Indian Ambassador to Nepal *b* July 28, 1892, *m* Chhabu Oka in June 1919, *Educ* Fergusson Coll , Poona Wilson Coll , Bombay Fitz-William Hall, Cambridge, Asst Magistrate & Joint Magistrate, Cuttack , S D O , Khurda Settlement Officer, Chota Nagpur , District Officer, Manbhum, Gaya and Monghyr (Bihar) Secretary to the Govt of Bihar Education & Development Depts and subsequently Finance Dept , Commissioner of Bhagalpur & Patna Divisions , Adviser to H E the Governor of Orissa Administrator, Damodar Project, Hazaribagh , Secretary Govt of India, Ministry of Works Production and Supply *Publications* Final report of the Survey & Settlement operations in Manbhum District, 1927 , Final report of Revision Survey & Settlement operations in Kodarma, Government Estate *Address* Indian Embassy Khatmandu

GOKHALE, Tryambak Sadashiv, B Sc , L L B Hon Chief Organiser, Malwa Bhil Sewak Sangha Indore *b* Aug 24 1903 *s* of Pt Sadashivrao Gokhale of Ujjain & Shrim Durgabai, *d* of Pt Vasudeo Rao Datey of Ujjain *m* *d* of Dr L K Chitale of Shujalpur, Madhya Bharat , three *s* and two *d* , *Educ* Madhava Coll , Ujjain , Victoria Coll , Lashkar Gwalior , Law Coll , Bombay Demonstrator (Physics), Madhava Coll , Ujjain, 1925 30 Secy , All India Spinners Assoc , Central India Branch, 1930 35 , Practising Pleader & Political worker, since 1938 twice Pres , Gwalior State Congress , first popular Labour Minister Gwalior State, Aug 1947 Jan 1948 , Chief Administrator Dhar Group of 9 States, Madhya Bharat, June to Nov 1948 , Popular Revenue & Labour Minister, Madhya Bharat, June 1949-Jan 1950 *Address* Sardarpur Dist Dhar Madhya Bharat State

GONDAL H H Shri Vikramsinhji, Maharaja Thakore Saheb of *b* October 13 1914 , *m* Nayankunverba Sahiba, sister of the Raja Dhiraj of Achrol, 1937 , two *s* and two *d* *Educ* Bangalore Has been associated with the Maharaja Saheb Shri Bhojrajji Bahadur in the administration of former State Interested in the welfare and prosperity of the people of the State, especially agriculturists , was elected as a member of the Constituent Assembly, United State of Saurashtra, by a huge majority of votes from the Gondal constituency *Address* Gondal

GONI, Abdul Ghani, P , Parliamentary Secretary, Development Ministry Jammu and Kashmir Govt *b* June 16 1920, *s* of Kh Ghulam Hassan Goni *m* Mrs Goni two *d* *Educ* B A from Prince of Wales Coll , Jammu , L L B from Benares Hindu Univ , 1948 Started practice, Ex District Pres , National Conference, Doda , Member Working Cttee , All Jammu and Kashmir National Conference elected member Jammu and Kashmir Assembly *Recreation* Photography *Address* P O Doda District Doda, Jammu and Kashmir State

GOPAL, M R , Publ 1909 , *Educ* Madras & Co , Madras , Partner, Amrut & Co , Cochin Prop Janshi Scale Ice Factory Tanur Widely travelled 2 163, Mount Road M

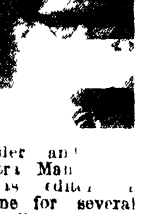
GOPALAKRISHNAN, P A , B A (Hons) (Madras) O B E , Joint Secy and Oil Products Controller in India Food & Agriculture, Govt of India 09, *s* of Mr & Mrs P A Anantha Iyer, *Educ* Presidency College, Univ College, London Joined the I C S after passing the competitive exam in London, 1932, served in many Districts of U P , Finance Secy to U P Govt April 1947 to Dec 1949 , Financial Commissioner and Commissioner for Food and Civil Supplies U P Govt , till May 1951 *Clubs* Naini Tal B H Club Ltd , Mohamed Bagh Club Lucknow and Gymkhana Club, Delhi *Address* 1, Curzon Lane, New Delhi

GOPALAN, A K , M P *b* Feb 20, 1909, *s* of Kyru Nambiar and Smt Madhavi Amma Kellicherry, Mad Madras social worker *Addr* er Place, Delhi

GOPALASWAMI, K , Ex Editor, *The Times of India, Sunday News of India* and *Evening News of India b* January 23, 1902, *s* of K Kesavacharlar, *m* Rajalakshmi, one *s* and four *d* , *Educ* Pachaiyappa's College Madras Joined *The Times of India* editorial staff, 1923 , retd from *The Times of India*, Dec 1948 , Editor *Bharat*, December 1948-January 1950 , Editor, *The Times of India*, Feb to June 1950 *Recreations* Tennis, Bridge *Clubs* Constitution Club, Delhi , I D G , Delhi , C C I , Bombay , Cosmopolitan Club, Madras *Address* 3, Malabar Court, Ridge Road, Bombay 6

GOPALASWAMY, Kurma Venu, B A (Madras), M A (Oxon) Bar-at Law Registrar, Andhra University, since 1942 *b* Dec 19, 1903, *e s* of Dr Sir Kurma Venkata Reddy Naidu, Kt , K C I E , M L C and Lady Laxmikanthamma Kurma , *m* Seshu Bai, *d* of Rao Sahib Polisetti Ranganayakulu Naidu , one *d* and one *s* *Educ* C M S High School, Ellore , Christian College, Madras , Balliol College, Oxford , Inner Temple, London Pres , Oxford Majlis H I , 1927 , Prof of History, Anglo American Universities College, Madras 1928 29 Private Secy to the Agent of Govt of India in S Africa, 1930 31 , Advocate, High Court of Madras, 1933 42 Independent candidate for election to the Madras Legislative Assembly, 1937 , elected Registrar, Andhra Univ , 1942 , First Univ Prof of Law Andhra Univ , 1945 , Pr m, 1944 *Publications* as a *First Step Tow* rnment , Stories and Plays in Telugu in collaboration with Mrs Seshu Bai Gopalaswamy *Recreation* Bridge *Clubs* The Presidency, Madras , Waltair Club, Waltair Century Club, Vizagapatam, etc *Address* University Camps, Waltair

GORDE, Dr D P , Specialist Surgeon in ear nose and throat *b* 1907 *Educ* Ahmednagar and Christian Medical School Miraj *m* Miss Vimala (Ruth) Dutt in 1938 Served the Medical Centre at Miraj as a Surgeon and Specialist (Ear Eye, Nose, Throat) for eight years was a Professor of Ophthalmology and Otolaryngology in the Medical School for years, has to his credit Corneal Transplantation research, takes keen interest in social and public activities was President of Miraj Municipality in 1939 is founder and President of the Maharashtra Mandal Miraj (Medical Centre), was editor of the Medical School magazine for several years, now conducts Gorde's Clinic at Miraj as a Specialist ember of the Miraj Senior Assembly for three years the Bakhal in 1944 by Mr



of Sangli 1951-52 Moderator of the Church Council of the United Church in Northern India, Chairman, Board of Administration Miraj Medical Centre *Address* Clinic, Miraj (S M C)

GOVINDARAJAN, N, B A, B L, Secretary Union Public Service Commission since May 1950 *b* Dec 10, 1890, *m*, one *d*, *Educ* Kumbakonam Coll for the Arts Course and Engineering College, Madras Started as an apprentice Engineer, was successively Asstt Engineer Executive Engineer, Suptg Engineer, Chief Engineer Irrigation and Chief Engineer, Special in Charge of execution of Thungabadhra project and investigation of Ramapadasagar project was on deputation to U K and U S A, Oct 1945 -March 1946 in connection with the of machinery for the Thungabadhra ject and forming a Board of Engineers for the Ramapadasagar project, inspected many dams in U S A and U K has also seen the Assuan dam in Egypt, some dams in Switzerland and the Genessiat dam in France *Recreations* Tennis and Billiards *Address* 66 Lloyd Road Royapettah Madras, Parliament House New Delhi



GOVINDARAJULU, Prof L K, B A B L Dip in Phy Edu Professor and Director of Physical Education, Annamalai Univ, since 1929 *b* Feb 17 1899, S Arcot, *Educ* Chidambaram, Pachaiyappas and Law Colleges, Madras and Trivandrum ter in English, Sri kshi Coll, 1923 29, on social service and scouting, Asstt and then Dist Scout Commissioner S Arcot, member Provincial Executive, Hindusthan Scouts until 1943 awarded the Thanks Badge 1942, served on District and Provincial Cttees of Govt on physical education, presided over the on Section, All India Educ 1938 and three Provincial nv Educ, by invitation a paper on at the 4th Ind Conf of for Buck Comm Vol 1949 and Souvenir 12th Madras Phy Edu Conf, 1947 Editor, *Vyayam* (J of Phy Edn), Madras, 1940 52 since April 1953 serving (on loan upto June 1954) as Head of Instruction Army School of Phy Educ for ex-ser men, Madras, *Publications* Buck and Brochures rts and Yogic Asanas ons, Cricket Photography Outdoor sport *Address* Annamalainagar, S Ind

GOVINDDAS, Seth, Sahit 1949) Member, Indian Parliament *b* Vijay Dashmi Day, 1896, *s* of B Jiwan Das and *g s* of Raja Gokuld State (Rajasthan) (two s received high standard ed in Hindi, tics 1919, nt in M P, bly, 1923, 1 imprisonment 9 times and remained ars in prison member A I C C, since Pres A I Hindi Sahitya Sammelan, d Pradesh Congress Cttee samaj *Publications* Has in Hindi and one novel Palace, Jabalpur (M P)

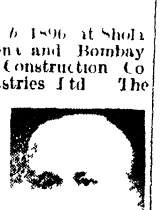
GRACIAS, His Eminence Valerian Cardinal, D D M Agg, Archbishop of Bombay since 1950 *b* October 23, 1900 *Educ* St s High School, Karachi, St Joseph's ary, Mangalore, The P ry, y, Ceylon and The v, Secy to the Archbi 6), Chancellor of the Archdiocese since 1929 Editor of *The Messenger of the Sacred Heart* (1935), Co Editor of *The Examiner* (1938), Rector of the Pro Cathedral since Dec 1941, Titular Bishop of Tannis & Auxiliary to the Archbishop of Bombay, 16th May 1946 Dec 1950 *Features of Christian Life Home The Vatican and Internat Address* Archbishop's House, Bombay 1

GUHA, Arun Chandra, B A (Calcutta), M P, Dy Minister for Finance Govt of India, Journalist, Publisher, Author and Printer *b* April 1892, *s* of late Kailas Chandra Guha and late Mrs Rajlaxmi Guha, *Educ* B M School and Coll, Barisal (East Bengal) Joined the 'Yugantar Party —the revolutionary party after graduating, went underground during the First World War in connection with the Indo German was in jail for over 23 years un on III of 1818 as a State prisoner ices, Gen Secy, Bengal P C C 1940 41 member, A I C C since 1938 *Publications* has written short stories, novels and books on History, Politics and Cultural and Juvenile topics Editor, *Mandira* literary monthly and Dir political and cultural English *Address* 32 Upper Circular Road, Calcutta, 25, Queensway, New Delhi

GUHA, Dr Bires Chandra, M Sc (Cal), Ph D, D Sc (Lond), Member, Damodar Valley Corporation since July 1948 *b* 7th June 1904, *Educ* Calcutta, London and Cambridge, noted for his researches in Biochemistry with special reference to food and nutrition Ghose Prof mistry at Calcutta Univ to the Govt of India in th as Chief Technical Adviser July 1944 June 1947 Ex Counsellor UNESCO President of the Chemistry Section of the Indian Science Congress (1945) Pres, Assoc of Scientific Workers of India, member International Cttee for Biochemistry *Publications* Numerous scientific publications on biochemical and nutritional subjects *Address* 55 Manohar Pukur Road Calcutta 29

GUHA, Mr Justice Braja Kanta, B A (Calcutta), I C S Judge High Court, Calcutta since 1949 *b* July 3, 1900 *s* of late Kanta Guha, *m* Smt Bela Guha *Educ* High School, Hailakandi (A Presidency Coll, Calcutta, Brasenose Coll Oxford Asstt Magistrate and Collector, Bengal Under-Secy, Finance Dept, Bengal Secretariat, District Judge Bengal, Secy and Legal Remembrancer, and Legislative Dept, Bengal Relief Commissioner, Bengal *Recreations* Gardening Horticulture *Clubs* Asiatic Society Calcutta *Address* 121, Rash Behari Avenue Calcutta 29

GULABCHAND, Hirachand *b* 1896 at Sholapur, *Educ* Sholapur, Poona and Bombay Chairman The Premier Construction Co Ltd, Walchandnagar Industries Ltd The Ravalgaon Sugar Farm Ltd, Walchand & Co Ltd Deccan Sugar Factories Ltd



62, member Bombay State Sugarcane Cttee Indian Central Sugarcane Cttee, Indian Sugar Mills Assoc, visited U K, the Continent and U S A 1939 and 1951, sentenced to 18 months R I and fined Rs 20,000 for breaking the restrictions placed on him during political movement Pres Indian Sugar Assoc, 1953 54 *Address* Construction Co Wittet Road Ballard Estate, Bombay 1

GULAMJILANI, Bijlikhan, Sardar, Nawab of Wai, First Class Sardar of the Deccan and a Treaty Chief *b* July 28 1888, *m* sister of H H the Nawab Saheb Bahadur of Jaora, who died in 1930, *Educ* Rajkumar College, Rajkot Served in the Imperial Cadet Corps for two years, 1906 08, was additional member, Bombay Legislative Council, and member, Legislative Assembly, 1921 1923 *Address* The Palace Wai, District Satara

GULHATI, Niranjan Das, I S E M I E M Am Soc C E Chief of Natural Resources Division, Planning Commission, Deputy Secy to the Govt of India, Ministry of Irrigation & P Oct 1948 and Secretary Central I Commission on Irrigation & I Nov 15, 1904, *s* of L Radha Krishnamurti, *m* Mrs Shakuntala Gulhati two *s* and one *d*, *Educ* Govt Coll, Lahore Thomason Civil Engineering Coll, Roorkee Appointed to Punjab P W D, Irrigation Branch from 1926, Secretary, Central Board of Irrigation, 1945 48 *Publications* Papers to the Punjab Engineering *Silhanadi Drain* (1935) *Design of an A P M* (1939) (1941) *Irrigation Outlets* (1944) *Hydrology Data Its Importance and Collection* (1947) *Rainfall Runoff* (C B I Annual Report (Tech) *The Role of the Engineer in Post War* (Journal of the Institution of Engineers—India) March 1946, Central Board of Irrigation—*Hydraulic Diagrams* (1949), *Data for High Dams in India* (1950) Popular Series *Address* 1 Old Mill Road New Delhi

GUNDEVIA, H E Mr Yezdezard Dinshaw, B A (Hons) (Philosophy) (Bom) I E S, Minister Plenipotentiary and Envoy Extraordinary for India in Switzerland, since 1953 *b* June 19 1908 *s* of Dinshaw Bomanji Gundevia *m* Raoshan Zal Kabraji, one *d* *Educ* Matriculated from Bharda New High School Bombay graduated from Wilson Coll, Bombay called to the Bar from Lincoln's Inn London *Entered the I C S* 1930 took over first appointment in the U P, 1931, served in various districts as Joint Magistrate and Asstt Settlement Officer Addl Collector Jaunpur 1937 39, Collector and Magistrate Etawah and Farrukhabad, 1939 45, Secy representative of the Govt of India in Burma 1945 47 Counsellor in the Embassy of India, Rangoon 1948 Joint Secy, Ministry of External Affairs 1948 50, Minister Counsellor, Moscow 1950 53 *Address* Embassy of India, Berne

GUPTA, Chandra Bhanu, M A, L L B Minister for Food, Health and Civil Supplies U P Govt, since 1947 *b* July 2 1903, *s* of Hira Lal, *Educ* Lucknow University Started practising Law, 1925, member, A I C C since 1926, elected to the Court and the Council of Lucknow Univ, 19 elected its Hon Treasurer, 1947, the Municipal Board Lucknow 192 Pres, Dt Congress Cttee, Lucknow Member, U P P C C, since 1933, elected to U P Legislative Assembly, 1937 served on th hool and Intermediate elected again to the Feb 1946 Parliamentary Secretary to the Chief Minister, U P, 1946 47, Food & Civil Supplies Minister, U P Govt, 1947, took over Health Portfolio also in 1948, courted jail for Congress activities in 1930, 31, '32, '33, 40 and 42 *Address* Rajendra Mansion Pandaribagh Lucknow

GUPTA, C P, Managing Director Ltd Jalpur *b* Oct 7, 191 *m* Smt Shanta Gupta, *d* of R B Bishan Narain, Advocate Delhi 1937 one *s* and three *d* Started career as a Sugar Technologist after qualifying in Sugar Technology from Glasgow, 1935 since then held various positions as Sugar Technologist appointed Technical Adviser, Delhi Cloth & General Mills and Barhni Sugar Mills later became General Manager to D C M Chemical Works Delhi in 1948 started his own concern at Jaipur known as Raj Trader



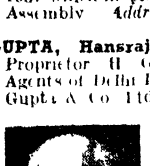
* Now Ambassador

bone crushing and Fertiliser Factory at Jaipur and Kotah has plans for starting a Glue and Gelatine Factory from bones at Rajasthan member All India Manufacturers Organisation, Ex Cttee Chamber of Commerce and Industry Jaipur and Rajasthan, Indian Council of World Affairs, Advisory Cttee of Employment Exchange from Rajasthan etc also represents A.I.M.O. in Indian Institute of Standards in Chemical branch *Clubs* Rotary Club, Rajasthan Flying Club (Life member) *Address* Raj Traders Ltd, Jaipur

GUPTA, D D, [illegible] Madhya Pradesh *b* Nagpur, *Educ* Tilak Vidyalaya and Science Coll, Nagpur, City Coll, Nagpur, Banaras Hindu Univ Started participating in National Movement from early childhood joined National Movement and jailed for a year 1930 organised students under the National Students Assoc which was later merged with the All India Students Federation at Lucknow, 1935, imprisoned in 1941 and 1942 actively participated in the promotion of Physical Culture Movement at Nagpur Organiser, Nagpur Akhada Sangh Pres Maharashtra Physical Education Conference, was running a School for Harijan boys, 1933, Secy Nagpur Nagar Congress Committee, 1937 39, Secretary, Nagpur Provincial Congress Cttee 1939 40, Vice Pres, Nagpur Nagar Congress Cttee, 1940, Pres, 1940 47, led the National Movement of Nagpur 1941 42 founded Marathi weekly Prakash 1936, edited Congress Samachar a Provincial Congress Weekly, 1939 40 and Vikas, 1946 47 elected M L A from Nagpur constituency in the First [illegible] elections, 1951 52 *Publications* [illegible] Constructive activities and two others *Ek Aur Chor* and *Dhuan Ke Marga Par* *Address* Ministry of Food Nagpur, Madhya Pradesh

GUPTA, Ghanshyamsingh, B Sc, LL B, Ex Speaker, the Madhya Pradesh Legislative Assembly, Pres of Committee set up for rendering Draft Constitution of India into Hindi President of the All India Refugee Relief Finance Committee and Refugee *ad hoc* Committee of Madhya Pradesh *b* Dec 1885 *m* Mrs Jai Devi Gupta in 1911 *Educ* Raipur, Jabalpur Allahabad, President, Municipal Council, Durg, 1925 28, Chairman Dt Council, Durg, 1931 34, Co operative Bank, Durg, for some years, member Madhya Pradesh Legislative Council (1923 29), Leader of the Congress Party and of Opposition in Madhya Pradesh Legislative Council (1926 29), member A I C C (1921 36), M L A (Central) 1934 37, was member Indian Constituent Assembly, Pres, Satyarthia Prakash Defence Cttee All India Arya Samaj Leader *Publications Bharat Shiksha Adarsh* (*Ideal of National Education*) 4 *Dictionary of English Indian Terms of Administration* Commentary on Arya Marriage Act XIX of 1937 which he piloted through the Legislative Assembly *Address* Durg M P

GUPTA, Hansraj, M [illegible] Managing Proprietor H G Gupta Managing Agents of Delhi Iron Syndicate Ltd Hansraj Gupta & Co Ltd, Raj Enamel Works Ltd Raj Engineering Works Ltd, Rajgupt Building Construction Ltd *b* 1905, *s* of late Gulraj Gupta Executive Engineer (Western Rly) *m* 1924, four *s* and two *d* Managing Director and Chairman The Central Distillery & Chemical Works Ltd Hind Insurance New Delhi The Scientific Apparatus and Chemical Works Ltd, Agra Shraddhanand Publications Ltd, Delhi Pratap Bank [illegible] Raj Electric Works Ltd D [illegible] Bank Ltd



District Electric Supply Co, Ltd, Hissar, Delhi Regd Stockholders (I & S) Assoc Ltd Delhi, The Punjab Pipe Merchants Assoc Ltd Delhi, President All India Manufacturers Organisation, Delhi, The Delhi Iron and Hardware Merchants Assoc Delhi, Director in Charge Delhi Iron & Steel Stockists (C S) Assoc Ltd, Delhi *Address* 20, Barakhamba Road, New Delhi

GUPTA, Krishna Swaroopa, P A Dip I W A (Bombay), M I S E (Calcutta), F R Econ S F S S F R S A (London), Industrial Relations Consultant and Managing Editor, Organisation Planning and Efficiency," Bombay *b* Nov 8, 1920, *s* of late L Ratan Lall and Smt Kalawati, *Educ* Punjab and Delhi Univs Institute of Labour Welfare Workers, Govt of Bombay, Tata Institute of Social Sciences, Institute of Personnel Management, London Joined Indian Army as an N C O in World War II, invalidated on verge of promotion to commissioned rank while on active service with 19th Indian Divison, Sub Divisional Officer in the M E S, 3½ years awarded War Medal and 1939 45 Star, Statistical Officer, Ministry of Defence Govt of India for 1½ years, long administrative and executive experience in handling labour and personnel matters in large scale industries, Cotton Textiles Iron and Steel Transport and Rubber etc Welfare Officer Meyer Mills Ltd, Labour and Welfare Officer Shree Madhusudan Mills Industrial Relations Adviser Scientific Management (India) Ltd Personnel Officer, Pure Drinks Ltd, Industrial Relations Manager Sewree Iron and Steel Labour Officer Provincial Motor Assoc and Indian Rubber Industries Bombay, conducted [illegible] mills and factories in 1949 50 and drafted Better Industrial Relations founded Industrial Welfare Assoc (India) and its first Hon General Secy Graduate Member, Institute of Personnel Management, London, [illegible] Common Jury, High Court, Bombay Reception Cttee First All India Conf of Labour and Welfare Officers, Bombay organised two Efficiency Courses in Labour Management in Bombay in 1951 under the auspices of I W A resolved amicably many major industrial disputes and strikes and contested successfully many industrial matters before conciliation officers Labour Courts Industrial Tribunals and Labour Appellate Tribunal of India on behalf of employers elected Fellow and Member of several Indian and Foreign professional bodies, widely travelled in South East Asia, U K [illegible] Continent, a keen social worker [illegible] *tions* Contributed articles on S Housing for Industrial Workers, [illegible] Dict for Industrial Workers," Welfare Work as a Career' *Address* Post Box 2394, Bombay 2

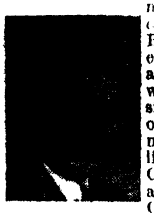


GUPTA, Maithilisharan, Hon D Litt Sahitya Vachaspati, Writer b Aug 3, 1886, at Chirgaon *s* of late Seth Ramcharan, *m* Smt Sryu Devi Jan 1916, one *s* Former Pres Nagri Pracharini Sabha, Banaras Hindustani Academy, Allahabad Sahityakar Sansad, Allahabad, specially interested in the promotion of Hindi, nominated by the Indian President to the Council of States *Recreations* Indoor Games Spi Poetry *Publications Gurukul* [illegible] *Siddhraj, Hindu, Bharat Bharti Jayadh, Angh, Kisan* [illegible] *Vedna Kaba Aur Ba Aur Visarjan, Ek Anjali Aur Arghya,* [illegible] *Jaya Bharat,* etc (Translated [illegible] *mad Vadh Palase Ka Vadh* [illegible] *Address* [illegible]

GUPTA, Ram Gopal, *s* of late Lala Ramcharan Agrawal, of the House of Beharilal Ramcharan of Kanpur Director Beharilal Ramcharan Cotton Mills Ltd, B B Sons Ltd, Lakshmiratan Cotton Mills Ltd, Aurangabad Mills Ltd Gannon Dunkerley & Co, Ltd India Sugar Refineries Ltd and other commercial and industrial institutions under took a world wide tour in 1939 40 and continental tour in 1948 49 *Recreations* Music sport and travelling *Address* Behari Niwas, Kanpur, Empire House, Hornby Road, Fort, Bombay



GUPTA, Seth Ramratan *b* Sept 21, 1906, *el s* of the late Lala Beharilal, founder of the firm of Beha [illegible] karan, Bankers, Millowners and In [illegible] Entered business at the age of 17, with control of the concerns of Beharilal Ramcharan, especially their import export and banking departments, works hard for a comprehensive industrialisation of India on modern lines staunch nationalist, started public life at the age of 20, joined Congress 1925, was Pres and Vice Pres, Local Congress Cttee for several years, courted imprisonment during 1929 and 1931 Civil Disobedience Movements, on return from jail, went on a world tour, including England, where he represented the case of Indian commerce and industry before [illegible] Select Cttee for Indian Constitutional Reforms member, Prov Parliamentary Board, 1937, elected unopposed to the Central Legislative Assembly, 1943, President, All India Youth Conference 1943 visited Australia as a member of the non official Indian Trade Delegation 1945 Chairman, Beharilal Ramcharan Charitable Trust, has contributed generously to various public institutions and charities, founder, Radha Devi Tree Charitable Dispensary founder of several industrial concerns, *viz* Lakshminathan Cotton Mill Co, Ltd, India Supplies, Raghunath Enamels Ltd, Kanpur, Gwalior Thermalite Corporation Ltd Engineering Works of India Ltd, Calcutta Lakshmiratan Engineering Works, Beharilal Ramcharan Cotton Mills Bombay acquired Aurangabad Cotton Mills [illegible] Promoter and for two years [illegible] Chamber, U P U P Stock [illegible] tion Ltd one of the founder [illegible] Assoc of Northern India Kanpur, also connected with a number of other industrial and public concerns *Publications World Before and Great War* in Hindi (two Volumes), *for Decision* in English *Recreations* [illegible] ging and Riding *Address* Pehari Niwas, Kanpur



GUPTA, Ranjit, B A (Cantab) I Home Secy, West Bengal Govt *b* [illegible] 1906, *s* of S C Gupta, C I E, *m* late Mrs Uma Gupta (*née* Das), two *s*, *Educ* Simla, and Cambridge University Joined the I C S, 1928, Chief Presidency Magistrate Calcutta 1937 45 *Clubs* Calcutta Club, Calcutta South Club *Address* 4 Ice Road, Calcutta

GUPTE, Bhalchandra Mahe [illegible] (Hons) (Sanskrit) M A LL B, Advocate *b* 17 [illegible] 1895, *s* of Maheshwar Ramchandra Gupte, [illegible] mat Kamalabai Kotwal one *s* and two *d*, *Educ* Poona, took, B A (Hons) in Sanskrit, 1917 Fellow of the Deccan Coll, Poona 1917 18 imprisoned [illegible] times in the Independence struggle Secy [illegible] Congress Ministry,

...ber Constituent Assembly of ...50, Council of States, 1952 ... Corp Finance Cttee appointed by the Govt of Bombay 1946, Chairman, Crow More Food Policy Cttee appointed by the Govt of Bombay 1951 prominent in Local Self ... activities ... City on th... phlet on ... occasional ... English ... Poona ... m in Msharashtra ... to the Marathi and ... 'Swatantrya',

GWALIOR Lt.-Gen His Highness Sir Jiwajirao Scindia, Maharaja, Mukhtar-ul Mulk, Azim ul Iqtidar, Rafiush shan, Wala Shikoh, Mohat Asham Dauran, Umdat ul-Umra, Maharajadhiraj, Hisam us Saltanat, Alijah Bahadur, G C S I (1946), G C I L (1941), Malik i Mu ...zzam i Rafi ud Darja i Ing- ...t, H H ... of United ... Indore ... b ... His ... Sir Madhav Rao Scindia and Her late Highness the Maharani ... Scindia, *m* Kumari Lekha Rao ... Devi, one ... three *d* ... ndia and V... *Educ* ..., passed Matriculate ... I Division of Ajmer ... College, ... Gwalior ... nue ... Training ... ive ... at ..., Pres Ch... ...ia ...ons Moto... ...me ... Tennis ... ng ... Jiwaji Club Gwalior, ...ra Club Delhi, The Royal West ... Turf Club Bombay, The Willingdon Sports Club Bombay The Rotary Club, Gwalior *Address* Jai Vilas Palace Gwalior (Madhya Bharat)



GWALIOR H H Maharani Vijaya Raje Scindia of Gwalior, the former Kumari Lekha Divyeshwari Devi, and the *d* of Shriman Thakur Maendra Singhji Retd ... ...ni ... Dev... *d* ... of Prince Kh... ...her Jung Bahadur Rana late C in C of Nepal, lost her mother when only nine days old ... grew up under the ... loving care of her grand mother Rani Dhunkunwar Devi (wife of Prince Khadga Shumsher) at Sagar in ... Pradesh, *m* H H ...haraja of Gwalior, ...y 1941, one *s*, the Heir Apparent, ... Madhav Rao Scindia *b* March 1945 ... three *d* Princess Padma Raje Scindia Princess Usha Raje Scindia and Princess Vasundhra Raje Lond of Indian Music ... Painting Keenly interested in child and female education and uplift and progress of women ... ori... school for Little Children ... and ... by ... d ... nd ... or, ... aja ... mila ... ...

HANUMANTHAIYA, K, [illegible] M L A Chief Minister, Mysore since 1952 *b* 1908 *s* of Venkate Gowda and Smt Nanjamma, *m*, two *d*, *Educ* Maharajas College, Mysore and Law College, Poona Pres, Bangalore City Municipality 1942, Secy, Cong[illegible] in the Mysore [illegible]tive Assembly, L[illegible]der of the Mysore Representative Assembly Congress Party 1944 49, member, Executive Cttee of the Congress Party in Parliament 1949, 1950 and 1952, represented India in the 37th and 38th Sessions of the Inter-Parliamentary Union held at Stockholm in 1949 and at Dublin in 1950, member, Indian Constituent Assembly was Deputy Leader, Congress Party, Mysore Constituent Assembly, [illegible]9 Member of L[illegible]4 years, Bangalore Dist C[illegible]ce for 10 member Mysore S[illegible]ess Work ttee for the last 12 years, member, al Cadet Corps Cttee *Address* [illegible] Krupa, High Grounds, Bangalore 1



HAQ, Khan Bahadur Muhammad Abdul, M A (Madras) (1st Class 1st) Atzal ul ulama (1st Class) D Phil (Oxon), Member Public Service Commission, Madras since Jan 1953 *b* July 1, 1901, *s* of late Shamsul Ulama Moulana Muhammad Umar, *m* Salimah Begum, four *s* and one *d* *Educ* Arabic Persian at Madrasa Islamiah, Kurnool, his father, Govt Muslim Coll and Agency Coll and finally at Oxford (1st Class Honours) for doctorate Professor of Arabic, Persian and Urdu at Govt Muslim Coll, Madras, 1924-39, Principal of the same College 1939 47, Dy Director of Public Instruction, 1947 48 Principal, Presidency Coll Madras, 1948 52, Pro Vice Chancellor, Univ Aligarh, 1952 *Publications* *Kay Urdu Akbar* *Address* Public Service Commission Madras

HARBANS SINGH BRAR, Major Sirdar, Law, Executive Officer and Labour Adviser to U P Sugar Mills Assoc and Joint Labour and Industrial Relations Adviser, Northern India Mercantile Chamber of Commerce, Lucknow Endowment Fellow in Ferozepore and Hissar Districts (Punjab) *b* Sept 1905, *Educ* F C Coll Lahore Edinburgh Univ and Middle Temple, London called to the Bar in 1927, M R A S (1925) F R G S (1926) and Governor Royal [illegible] Society of [illegible]), took train [illegible]y Traffic on J M S (England) *m* Jaswant Kaur, M R A S F R G S *d* of Rai Bahadur S Bishan Singh I S E of New Delhi two *s* and five *d* Has travelled extensively in India all parts of India and has visited [illegible]e twice, Pres Khalsa Jatha (Assoc), [illegible]h Isles (1926 27), Joint Secy, Indian London (1925 26) Vice Pres, Bhup High School Moga, member Central [illegible] Board, Punjab (1930 36), Sirhind [illegible]ry Committee (1932 37), Dist [illegible]epore since 1930 and is Senior [illegible] in charge of the Departments Health Medical Affairs and [illegible]man of the following Committees Rural Reconstruction, Development, Mass Female Education (1934 37) elected member of the Indian Legislative Assembly 1930 34 member Standing Finance Committee of the Indian Legislative Assembly 1934 37 Chief Whip of the Nationalist Party in the Indian Legislative Assembly 1934 37 was elected by the Punjab Assembly a member [illegible] House [illegible] in 1934 was elected by the [illegible] Assembly a member [illegible]



Judge High Court [illegible] 1932 Chief Justice and Malerkotla State, 1936 42 Departments of Law and Judicature and P W D, was invested powers of Ijlas i khas (1938 42) held of Education and Medical (1936 40) [illegible] Pres [illegible] Stat[illegible] offi[illegible] for the duration of the war and secy Dy Asstt Welfare General and Dy Adjutant General in the Indian Army 1945 47, Head of the Labour Deptt, Indian Sugar Syndicate Ltd, Kanpur (a combine of all sugar factories in U P and Bihar), 1947 50, Secy and Labour Adviser, Industrial and Power Alcohol Distillers Assoc 1950 52 *Recreations* Riding Golf Lawn and Tennis *Address*

HARKISONDASS, Lukhmidass, [illegible], Proprietor Harkisondass Lukhmidass, Director, The Native Share & Stock Brokers' Assoc The Shree Nivas Cotton Mills Ltd The Thapar Sugar Industries Ltd *b* October 31, 1904, *Educ* Bharda New High School in Bombay Joined his father's firm of Freight Brokers Aspinwall Lukhmidass & Co, in Bombay at the early age of 18, soon after was taken as a partner associated with his father's business for ten years came in contact with many business men as well as shipping and export houses [illegible] mber of the Stock Exchange in [illegible] the firm of Harkisondass Lukhmidass developed statistical dep[illegible] from time to time wi[illegible] surveys of the indust[illegible] assistance privately [illegible] and individuals [illegible] Carmichael Road Bombay



HARVEY, Marcus Francis Spencer Cronin, Lieut Commander R N R (Retd) Master Mariner (F G) Royal Naval Reserve Decoration (1943), Member of the Honble Company of Masters Mariners (1947) and [illegible] tion (1948), Captain Superintendent Ship DUFFERIN *b* July 16 1907, *s* of late Captain and Mrs E F Harvey, *m* Mrs M L Harvey (*nee* Taylor), *d* of the late Commander and Mrs Walford Taylor, R I M, one *s* and one *d*, *Educ* Wadham House, Hove, Sussex Nautical Coll Pangbourne British India Steam Navigation Co (1924 31), Royal Naval Reserve (1927 50) *Clubs* Royal Bombay Yacht Club, Unite[illegible] [illegible] ing Ship Bombay 1

HASAN, Mr, Justice Ghulam, Judge, Supreme Court of India since Sept 1952, Knighthood of the Order of St John of Jerusalem for humanitarian services, Chairman Provincial Red Cross and St John Ambulance Association, Pres Board of Governors, La Martiniere College for Boys and La Martiniere School for Girls, *m* Aisha *d* of M A Ghani, Retired District & Se[illegible] U P one *s* and one *d* Was C[illegible] of the Oudh Chief Court till 25th J[illegible] when it was amalgamated with the Allahabad High Court on deputation to the Govt of India as Chairman of the Dargah K[illegible] Saheb, Ajmer, Enquiry Committee Senior Judge Allahabad High [illegible] Lucknow

HASAN, Dr Hadi, B A (Hons) (Cantab), Ph D (London) Professor of Persian Muslim [illegible] Hyderabad Deccan's *Educ* St Coll, Bombay, Emmanuel Coll, [illegible]e School of Oriental Studies, Visited Iran as the guest of the Govt, 1932 visited Afghanistan as [illegible]st of the Afghan Govt, 1933, has delivered over 100 Extension Lectures in the Senate Halls of various Indian Universities, Honorary Visiting Professor at Santiniketan [illegible]y Member of the Iranian Academy, [illegible] *Publications* *Studies in Persian* [illegible]e, 1923, 4 *History of Persian Navigation*, London 1928, *Falaki Shirwani* London, 1928, *Diwan i Falaki*, London, 1929 *Unique Diwan of Falaki in Madras*, Islamic Culture 1950, *Mughal Poetry*, Hyderabad Govt Press, 1952 *Unique Diwan of the* [illegible]r *Humayun*, *Islamic Culture*, 1953 *Kaki His Life, Times and Works* [illegible]ns Public speaking and collecting [illegible] for the propo[illegible] and Hospital at Aligarh Fort Road Aligarh

HASKELI

b March [illegible] 1937, one *s* and two *d*, *Educ* St Coll (Fellow) and Govt Law Coll [illegible] Editorial Staff *The Times of In[illegible]* Asst Advt Manager and Acting [illegible]r planning and producing Sp[illegible] and Sup[illegible]ports [illegible] Bombay [illegible] Indian History & Numismatic [illegible] *Address* Matilda Building, Sussex Road, Bombay 27

HATHI, Jaisukhlal [illegible]or Irrigation and Pow[illegible]ince *b* Jan 19 1901 Passed Law [illegible]erving as a teacher in Saurashtra Rajkot Enrolled as Advocate [illegible], sometime Dist [illegible] State, elected [illegible]bly 1946 47 wa[illegible] nal Parliament [illegible]cy, 1st *ad hoc* [illegible] Feb 1948 [illegible] organisati[illegible] in the [illegible] Council of [illegible] served as one of the whips of the [illegible]arty in the Council of States [illegible]Deputy Minister for Irrigation and New Delhi

HATTIKUDUR, Ratnakar Umanath, [illegible] man and Industrialist *b* June [illegible] at Karkal South India, *s* of Umanathrao and Smt Indirabai Hattikudur *m* late Smt Tara Balsavar of Bangalore, one *s* and one [illegible] Joined father's Rice and Oil Mills in Curchorem (Goa) expanded the Mill industry adding four more mills of Rice, Ice, Oil and Flour, added to his business [illegible]port of mills machinery [illegible] importer and whole[illegible] sale supplier of Mangalore Portuguese English and Konkani, widely [illegible] *Recreations* Cricket Chess *Address* Portão de Convento de Carmelitas, Margao (Goa)



HAYLES, Alfred Arthur, O B E (June 1953) Editor and Managing Director *The Mail b* March 7, 1887 *m* Sybil Anne Copeland 1928, *Educ* London and Paris Freelance Journalism London till 1912, joined staff of *The Mail* [illegible] Asst Editor *The Mail* 19[illegible] [illegible], Aug 1928 Vice Pres, Automob[illegible] [illegible]ciation of So[illegible] [illegible] Ha Chairman Madras Bathers Prot[illegible]ty and P D G W, Madras [illegible] *Address* [illegible]nnyside, [illegible]h Madras

HAZARIKA, Jogendranath, M A, LL B (Calcutta) M P Parliamentary Secy to the Prime Minister of India, since Aug 1952 *b* Feb 1924, *s* of Golap Chandra Hazarika and Shrim Ratna Hazarika, *Educ* M V & M E Schools, Tengakhat, Govt H E School, Dibrugarh I A at Cotton Coll, Gauhati, B A at Ripon Coll Calcutta Calcutta Univ Was [illegible] Nyayk — a monthly Assamese M several years was Secy, A League Standing Cttee, on Defence Voluntary [illegible] Japanese War formed Home Guards for internal security 1947 joined Congress, 1946 w Parliamentary Standing Cttee of and Transport (both for Roads and than Roads) Ex Officio Member, Road Transport Communication [illegible] member Parliamentary Delimitation Cttee for Assam Convener Assam State Group Cttees and Tribal Affairs Standing Cttee of the Congress Party in [illegible] *Publications* Brochure *Twenty Souls of Tribal India and the* [illegible] *b* Foreign Relations *Address* Dibrugarh, [illegible] New Delhi

HEDA, H C, B A LL B, M P *b* Oct 14 1912, *s* of Bal Mukund Heda at Siradhoan Dist Osmanabad *m* Smt [illegible] Kumari Heda, prominent pol[illegible] lic worker, 1956 one *s* *Educ* [illegible] Schools of Latu bad and Gulbarga matriculated, 1930, Osmania Univ Coll, Hyderabad, graduated in philosophy, 1934 LL B, 1936 Organiser and Secy to various youths and students functions joined satyagraha move [illegible] Secy Harijan ngh 1932 38 member and



[illegible] in charge of Satyagraha [illegible] Hyderabad State Congress, 1938 Pres Rashtriya Seva Dal 1939 [illegible] ion, Hyderabad social reformer 1942 and 1946 [illegible] member Hyderabad Municipal Corporation 1950 52 Labour (Factory) Investigation Ctte 1949 Employment Exchange Advi [illegible] Food Adv [illegible] 52 Hyder 1953 [illegible] nal adh Sour ding, Walking Dis Swimming, Bridge Hyderabad (Dn)

HIDAYATULLAH, Mr Justice M, B A (Nagpur), B A (Cantab), Barrister at Law, O B E (1946), Puisne Judge, High Court of Judicature, Nagpur *b* Dec 17, 1905, *y s* of late Khan Bahadur H M Wilayatullah, I S O, *m* Pushpa, *d* of A N Shah, I C S, 1948, one *s*, Arshad and one *d*, *Educ* Govt High School, Raipur (1922), Phillip's Scholar Morris College, Nagpur (1926), B A 2nd order of merit Malak Gold Medallist [illegible] University College, Cambridge (1927 30) [illegible] Law Tripos, Lincoln's Inn Barri (1930) President, Indian Ma [illegible] ge (1929) Advocate, Nagp (1930 40) Lecturer, Unive [illegible] w (1935 43), Govern ment [illegible] Advocate General, Madhya Pr [illegible] ne Judge (1946) mem [illegible] committee (1932 33), [illegible] ment Trust mem [illegible] tive and Acade [illegible] 53), Dean [illegible] 53 memb [illegible] ief Comm [illegible] uts and Gunge [illegible] Miscel laneous pa [illegible] seminary Hill, Nagpur

HIMATSINHJI, Major General Maharaj Shri, C I E Lt Governor Himachal Pradesh, since 1952 *b* August 12, 1897, *brother* of H H the Maharaj Jam Saheb of Nawanagar *m* Chandra Kumari, *d* of Colonel Thakur Prithi Singhji of Kotah, two *d* Rajkumari Ratna Kunver and Raj kumari Mahendra Kunver *Educ* Rajkumar College, Rajkot Malvern College England Commissioned in Indian Army 1917 [illegible] dy Secy and Home [illegible] Mily [illegible] ber of [illegible] Asstt [illegible] dy Secy and subsequently First Secy to the British Embassy at Tokyo, 1940-42 General Staff Officer, Grade I, Public Relations Directorate, G H Q, 1942-44 Dy Dir, Public Relations and Inter Services Publicity Liaison Officer Washington, 1944 45, on special mission to various fighting fronts in Imphal Arakan, Iran, Iraq Italy, etc 1942 45 Public Relations Directorate G H Q India 1945 M I A representing Indian Armed Forces, 1946 47 member Indian Constituent Assembly, 1947 member Union Constitution Cttee Chief Political Liaison Officer with Kathiawar Defence Force in the Junagadh operations, Kathiawar, Oct Nov 1947 Military Adviser in Chief Indian States Forces, Dec 1947-Aug 1950 [illegible] om the Army, Jan 1950 was elected [illegible] ber of Parliament from Saurashtra [illegible] d Whip of the Congress Party Deputy Minister Defence Govt of India and Member Council of Ministers, Indian Republic 1950 52 *Recreations* Cricket Golf Rackets, etc *Clubs* Willingdon Sports Club Bombay Chelmsford Club New Delhi, Cricket Club of India Bombay Sumer Club, Jamnagar *Address* C/o Central Bank of India Ltd, Jamnagar (Saurashtra) Raj Niwas (The Yarrows), Simla 4



HIMMAT Singhji Sahib, Lt-Col Maharaj Dhiraj Shri, *Member, Rajasthan Legislative Assembly, second s of His late Highness Maharaja Sri Sir Umaid Singhji Sahib Bahadur of Jodhpur, Air-Marshal, Lieut General* G C S I, G C I E, K C V O, A D C, L L D *b* 21st June, 1925 *m* Princess of Patiala one *s* Maharajkumar Shri Inderjit Singh born on March 20, 1953 *Educ* Mayo College Ajmer Received police training at Police Training School, Phillaur (Punjab) held portfolio of Home Department *Recreations* Flying Motoring Shooting rifle shot gun and Pistol *Address* Jodhpur (Rajasthan)



HIRA, Hiranand Pessumal, B A LL B *Manager*, Central Railway, since Nov 1 *b* Jan 18, 1900, *m*, one *s*, *Educ* Sind Coll and St Xavier's Coll, Bombay took training on the Great Western Railway, England Appointed Probationary Asstt Traffic Manager, Central Railway, Jan 1925, held charge of various Commercial Divisions on the Central Railway appointed Goods Supdt, Wadi Bunder, April 1943 promoted Dy Traffic Manager during the years worked as Dy General M (Food Supplies), Chief Traffic Manager 50, General Manager, former G I P Railway Jan 1950 Nov 1952 *Address* Glenogle Mount Pleasant Road Malabar Hill, Bombay

HIRAY, Bhaurao *alias* **Bhausaheb Sakharam,** B A, LL B (First Class) Minister for Revenue and Agriculture Bombay, since May 1952, President Maharashtra Provincial Congress Cttee 1948 52 member, Congress Working Cttee *b* March 1, 1905, of an agriculturist family *m* Rewatibai Hiray, two *s* and five *d* *Educ* Nasik upto Matric Baroda upto B A Poona Law College for LL B Began practising at Malegaon Dist Nasik, took to Social and Co operative activities immediately, was elected to District Local Board, 1934 and Bombay Provincial Assembly on Congress ticket, 1937, was Parliamentary Secy to Home and Revenue Depts, resigned with Congress Ministries, was convicted for Satyagraha, 1940 and was detained for 15 months, 1942, was elected to Central Assembly in 1945, was Chairman Reception Cttee 56th Session of The Indian National Congress held at Nasik, Sept 1950, is a social worker and Congress worker *Address* Agra Road, Nasik, *Secretariat, Bombay*

HOLLIS, Rt Rev Arthur Michael, M A B D Bishop in Madras and Moderator Church of South India *b* June 23, 1899, *s* of late Rt Rev George Arthur Hollis Bishop of Taunton, *m* Mary Cordelia *d* of late Very Rev Andrew Lwbank Burn Dean of Salisbury *Address* The Diocesan Office, Cathedral P O Madras 6

HORA, Dr Sunder Lal, D Sc F R S E (1928), F A S (1930), F N I (1935), Hon Member American Society of Ichthyologists and Herpetologists (1946), Hon Prof, Scientific Institutes, Netherlands Indies (1948), medals awarded from the School, Univ, Govt Zoological Society of India and National Geographical Society of India, Director, Zoological Survey of India since 1947 *b* May 2, 1896 *s* of Lala Gobind Sahai Hora of Ram Nagar and Shrimati Lakshmi Devi of Hafizabad, *m* Kumari Vidya Vati Batra 1920 one *s* and two *d* *Educ* S D A S High School Jullundur, Govt Coll, Lahore, 1913-19, Zoological Survey of India, Calcutta, 1919 21 Edinburgh Univ, 1927-28 Asstt Supdt, Zoological Survey of India, 1921-42, was Offg Supdt, Dir of Fisheries, Bengal, 1942 46, Hon Dir, Central Inland Fisheries Research 1947 *Publications* Over 300 papers, mostly on fish and fisheries of India, Zoogeography, Animal Ecology, etc *Recreations* Official and technical correspondence, study of the knowledge of ancient Hindus concerning fish and fisheries *Address* Museum House, 1 Sudder Street Calcutta 13

HULKOTI, Channappa Channaveerappa, B A, LL B, Vice Chancellor Karnatak University, Dharwar, since July 1951 *b* Dec 1887, *s* of Channaveerappa, *m* Smt Kara basavva of Kalchetti family, Nargund, two *s* and two *d* *Educ* Govt High School, Dharwar, Wilson Coll, Bombay Law Coll, Bombay Enrolled as a Pleader, 1914 elected Vice Pres, Dharwar Municipality, Pres, 1920 Govt and Public Prosecutor, 1924 28 re elected Pres, Dharwar Municipality, 1926 elected Pres Dist Local Board, Dharwar, 1926, Asstt Judge 1928 30, appointed District Judge Sholapur, 1930 worked Dist Judge in Sholapur, Satara, Ahmednagar Jalgaon and Nasik, retired, 1942, [illegible] Bombay Public Service Commission *Address* Vice Chancellor, Karnatak [illegible] ity, Dharwar

HUSAIN, M Azim, B A (Punjab and Cantab), Bar at Law I C S Consul General of India, San Francisco, U S A since 1952 *b* Oct 5 1913, *s* of Sir Fazl i Husain of the Viceroy's Executive Council, India, *m* Nusrat one and one *d* *Educ* Lahore, Oxford, Cambridge, London Entered I C S, 1937, served various capacities in the Punjab, 1937 42, Defence and later Information and Broadcasting Ministries, 1942 48, Secretary General to the India Delegation to the General Assembly, U N 1946, Adviser to India Delegation to the Third Session of the General Conference of U N E S C O 1948 visited U S A under [illegible] (point IV) programme to [illegible] n of U S foreign policy *ons History of Panchayats in the Punjab, Fazl i Husain A Political Biography*, etc *Recreations* Photography and music *Clubs* The Commonwealth Club

of California, The World Affairs Council of Northern California, The Gymkhana Club (New Delhi India) *Address* 417, Montgomery Street, San Francisco 4, California

HUSAIN, Syed Ashfaque, B A (Hons) (Oxon) Barrister at Law of Lincoln's Inn, Joint Educational Adviser and ex Officio Joint Secy Ministry of Education Govt of India *b* March 21, 1905, *s* of Syed Ishaque Husain *m* Mariam, one *s*, Hasan Masood and two *d* Naz and Kusum, *Educ* Magdalen College, School Oxford and Oriel College, Oxford Practised at the Bar for 3½ years Lecturer in History and Political Science and Reader in Economics, Aligarh Muslim Univ, Senior Lecturer at Mayo College Ajmer Information Officer, Govt of India, Deputy Educational Adviser and Deputy Secy to the Govt of India, Ministry of Education First Secy Education Dept, Indian Embassy Washington *Publications* Various articles in different journals and newspapers from time to time *Recreation* Listening to music *Address* Ministry of Education New Delhi Sitapur, U P

HUSAIN, Tajamul, Barrister at Law, Member, Indian Parliament *b* Dec 19, 1893, *s* of Khan Bahadur Nawab Sarfraz Husain, *m d* of Khaja M Raza, Inspector of Registrations, Bengal, four *s* and two *d*, *Educ* Public School, London, Inner Temple, London Cambridge Univ Member, Bihar Provincial Legislative Assembly, 1936—Feb 1950 member Constituent Assembly of India, President of many institutions and public bodies in Bihar, represented Indian Parliament as a Delegate to the Inter Parliamentary Conf Stockholm Sweden, 1949 Member Parliamentary Council, Gov and *Address* Patna City, Bihar, 1 Windsor Place, New Delhi

HYDERABAD Nawab Mir Osman Ali Khan Bahadur Nizam-ud-Daula, Nizam-ul-Mulk, Asaf Jah, the Rajpramukh of *b* April 6, 1886, *m* Dulhan Pasha, *d* of Nawab Jehangir Jung a nobleman representing a collateral branch of the Nizam's family, 1906, Heir Apparent Nawab Mir Himayat Ali Khan, Azam Jah Bahadur, Prince of Berar, *Educ* Privately Ascended the *gadi*, August 29 1911, is entitled to a salute of 21 guns *Address* Hyderabad (Dn)



IDAR His Highness Maharajadhiraj Maharaja Shree Himatsinghji Saheb Bahadur, the Maharaja of *b* September 2 1899 *m* Shree Jawahar Kunwari Sahiba *el d* of the Raja of Khandela in the Jaipur State 1908, two *s*, Maharajkumar Shree Daljit Singhji, the *Heir Apparent*, and Amar Singhji, *Educ* Mayo College, Ajmer where he had a brilliant academic career, at the college won every single class prize from the fifth form to the diploma, five for English and eleven for various other subjects Was equally distinguished in the playing field represented the Mayo College against the Aitchison College in tent pegging and tennis captained one or the other of the junior football or cricket teams was one of the best polo players at the college all through, won the first prize for riding in 1915 On leaving college plunged into the administration of the State, working under the close supervision of his father His late Highness went on a tour of India in 1929 30 and acquired further practical knowledge of politics and administration He succeeded to the *gadi*, July 11, 1931 scored important successes on the Turf won the Eclipse Stakes of India, 1937, the then Blue Ribband of the 'Indian Turf' has also won three of the five Indian Classics, the Indian Derby the Indian Two Thousand Guineas and the Indian One Thousand Guineas 1948 *Recreations* Hunting, pigsticking horse racing music, painting and photography *Address* Pratap Palace Himatnagar (Dist Sabarkantha)



INDORE Her Highness Shrimant Sau bhagyawati Maharani Indirabai Holkar, grand-daughter of late Rao Bahadur Anandrao Ramkrishna, J P, and late Rao Bahadur Mukundrao Ramachandra *m* H H Maharaja Tukoji Rao Holkar in 1913, *Educ* Privately, has been thrice to Europe Takes keen interest in charitable institutions and is connected with Ahilya Seva Sadan of Indore, Rajawade Historical Research Institute, Ram das Research Institute of Dhulia, Maharashtra Sahitya Parishad, Vedic Research Society of Poona, Dharmakosha Karyalaya of Wai, All India History of Indian Philosophy, Village Uplift and the Red Cross Society Managed the Educational, Medical, Charitable and Household Depts of the State during 1925-24 Chairman Reception Ctte A I W C Silver Jubilee Session held at Poona May 1953 *Address* Lalbagh Palace Indore

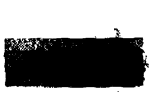


INDORE Major-General H H Maharajadhiraj Raj Rajeshwar Sawai Shree Yeshwant Rao Holkar Bahadur, G C I E (1935), LL D Maharaja of *b* Sept 6, 1908, *m* first, Sanyogitabai (d 1937), *d* of the Chief of Kagal Junior (Kolhapur), 1924, *Heir d* (by Gazette Extraordinary, 1950), Usha Raje Holkar, *b* 1933, second Fay Crane 1943, one *s*, *Educ* England, 1920 23, Christ Church Oxford 1926 29 Succeeded to the *gadi*, 1926 assumed full ruling powers, 1930, has a salute of 21 guns within his territories and 19 outside invited delegate to the Round Table Conference, 1931, assumed charge of the Office of the Senior Up Rajpramukh of the Madhya Bharat State May 28, 1948 *Recreations* Tennis and Shikar *Address* Indore

INDRA, Vidyavachaspati, Sahityavachaspati, M R A S, Member, Council of States of India & Journalist Vice Chancellor Gurukula Univ *b* Nov 9 1889 *s* of Mahatma Munshi Ram *m* Shrim Chandrawati one *s* and two *d* *Educ* Gurukula Univ, Kangri Professor, Editor and Public worker *Publications* Books on Indian History Politics and Fiction in Hindi *Recreations* Gardening Music *Address* Vice Chancellor, Gurukula University, Kangri, Hardwar

ISMAIL, H H, Hon Lt Col Barrister & J P, Hon Consul General for the Dominican Republic at Bombay since 1952 *b* Aug 20 1906, at Amreli three *s* and three *d* *Educ* Panchgani and D Coll of Commerce Joined father's firm and established independent import export lines 1928 travelled extensively all over the world on business active social worker connected with several social and educational institutions of Bombay Pres Member Chamber of Commerce International Social Club Kathiawar Ctte Hon Secy Indian National Ship B P Radio Club *Address* Residence Manzil 28, Club Road Bombay 5





ISMAIL, Amin ul-Mulk Sir Mirza M, K C I E (1930), Kt (1930), C I E (1924), O B E (1920) Ex President representative of I N in Indonesia m Zebinda Begum *Educ* Madras Mission High School Bangalore with His Highness the late Maharaja of Mysore at Mysore and Central College, Bangalore Superintendent of Police 1905, Asstt Secretary to H H 1908, Huzur Secretary to H H 1914 Private Secretary to H H 1922 Dewan of Mysore 1926 41 Prime Minister of Jaipur June 1942 to July 1946, Prime Minister of Hyderabad August 1946 to May 1 of the Indian Parliamentary Committee to Eastern Countries on Rural Hygiene Bandoeng (Java) 1937, delivered Convocation Addresses of Annamalai, Madras and Calcutta Universities in 1935 1938 and 1940 respectively and Patna and Dacca Universities Nagpur University in 1941 and in 1944 Benares Hindu University in 1945 Bangalore

ISVARAN, V, B A, Secretary Agriculture and Forest Depts Govt of Bombay *b* July 31, 1908, *Educ* Zamorin's College, Calicut and Madras Christian College Assistant Collector and Collector, Bombay Province from 1932 Director of Agriculture, Sind and Bombay, Chief Secy, Govt of Saurashtra till March 1950 *Club* Poona Gymkhana, *Address* Secretariat Bombay

IYENGAR, K R Srinivasa, M A, D Litt, University Professor of English, Andhra Univ, Waltair, since June 1947 *b* April 17, 1908 *s* of B Ramaswami Iyengar and Srimati Lakshmi Ammal *m* Srimati Padmasani one *s* and one *d*, *Educ* Hindu College, Tinnevelly St Xavier's College, Palamcottah Taught in Ceylon (1928 31), Professor of English, Lingaraj College, Belgaum (1938-44), Vice Principal, Basaveshvar College, Bagalkot (1944 47), toured U K on the invitation of the British Council, 1951 *Publications* *Lytton Strachey A Critical Study* 1938 *Indian Administration* (with Prof S S Basavanal) 1939, S *Srinivasa Iyengar The Story of a Decade of Indian Politics* 1939 *Indo Anglian Literature*, 1943 Leadership in *India*, 1943 *Sri Aurobindo Indian Contribution to English* *A New Deal for Our Universities* and other books contributes articles and reviews to leading Periodicals and Newspapers *Recreation* Walking *Address* *Residence* Siripuram House Uplands Waltair, *Vocation* *Address* Aravind Kodaikanallur P O, Tinnevelly District

IYENGAR, Rajagopal T S, M A, I E S (Retd), Bhushana (1942), Advocate Bar at Law 1907 *s* of T R Srinivasa Iyengar and Smt Sunderamma, *m* and B A at Mysore, 1929, M A at Fergusson Coll, Poona 1931, L L B at Law Coll, Poona, 1932 member Mysore City Municipal Council for the last 15 years Univ Senate for the past several years Mysore Leg Council 1938 40, Mysore Working Ctte ex member, Advisory Council one of the elders in the Congress with the Co operative movement Mysore Provincial Co operative Institute Mysore Provincial Co operative Institute Provincial Co operative Central Bank Ltd



Rural India Princes and India Constitution Public Opinion (Univ Publication) etc *Recreations* Reading Walking Gardening

IYENGAR, T V Sundram, Founder and Chairman, T V Sundram Iyengar & Sons Ltd, Madurai Built up the organisation of T V Sundram Iyer



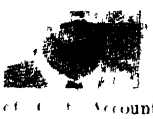
Ltd, as a deal Vehicles and 39 re entered Road Transport, 1939 is a pioneer in the field of Road Transport enterprises and developing them *Address* T V Sundram Iyengar & Sons Ltd Madurai

IYER, Muthu Ganapathy, B A Commercial Superintendent Cent *b* April 30, 1906 *s* of the late Mr Travancore *m* Smt Rajam Rai Ramnath Iyer of Travancore, three *s* and two *d*, *Educ* Trivandrum Coll, Travancore Various positions on the Central Railway such as Divisional Traffic Manager Divisional Superintendent Manager, Hiking *Clubs* Gondwana Club, Nagpur Cricket Club, of India Bombay, National Sports Club of India *Address* Central Railway, Victoria Terminus Bombay



IYER, Mr Justice P V Balakrishna, B A (Hon M A, Judge High Court of Madras, since 1949 *b* Sept 26, P V Venku Ayyar *m* Srimt Rugmani Ammal, *d* of S Krishna Ayyar Advocate and Planter two *s* and one *d* St Joseph s High School Pavaratty, Coll Trichy, Law Coll, Madras list in the I C S competition in Madura Sub Collector Asst and Rajah mundry Judge, Anantpur Sub Trichy Tinnevelly, S Arcot and Madura was Secretary to the Govt of Madras in the Legal Department and as such the ons h Cross Roads Alwar Mylapore

IYER, R S Venkateswara, (Lond) F I C W A, A M I Chartered Accountant, and Principal, Laxmi College of Commerce Bombay Dec 16, 1908 F C D A, Member In tor, 1932 ate (1946) Institute of Cost and Works Accountants London and The Institute of Works Accountants New York (1946), ate (1947) and Associate Member tute of Industrial Administration, tute of Management ited with the pro l Commercial Edu in for ney tion, has introduced ng and Scientific various industrial to ing at



dies) of the Indian In port Bombay Staff ial Study Course in Man ed by the Govt of India and by the Indian Institute of Technology Kharagpur Life Member Shri Dhiraj Musio

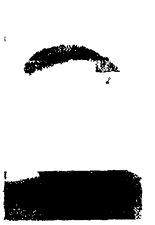
stitutions Cost Accoun ment In pro *and trade journals Address* 8 A, Vissanji Park Naigaum Cross Road, Dadar Bombay 14

IYER, Tiruvarur Pichu Subrahmanyam, M A (Madras) Registrar University of Delhi, since 1947 *b* March 6, 1900, *s* of V Pichu Iyer, *m* Shrim Sethu five *s* and four *d*, *Educ* Govt High School, Tiruvarur, Presidency Coll, Madras Was temporarily employed in Govt Offices and Indian Bank Ltd, Madras, till 1924, joined Delhi Univ as Personal Asstt to the first Vice Chancellor late Sir Hari Singh Gour, Asstt Registrar till 1947 *Publications* Some articles in Journals and Magazines *Recreations* Ten versity Club, ty Buildings,

IYER, T S Subramania, B A (Hons) (Hist & Econ), M A (Madras) *Retd Accountant* General Madras *b* June 11 1897 *s* of N S Subramania Iyer, *m* Vimala *d* of K Ramachandrar, B A, Pleader Nagapatam (Tanjore Dist), three *s*, Ramakrishna, Ram Chandar, Viswanathan and one *d*, Mrs Annapurna Ravindran, *Educ* High School Trimurttura (Cochin) Maharaja s College, m, Maharaja s College Trivandrum, as a School Master in the Cochin onal Service 1918, passed the Competitive Examination for entry into the I A & A S held in Dec 1921, joined the Audit Dept, Feb 1922, served in Audit and Accounts Offices Civil, al and Railways, was Accountant Gen M P, till September 1950, was on special duty for 6 months from July 195 to lay down standards for the various Civ and Postal Accounts Offices, Accti Madras, 1950 52 *Recreations* Gar Hiking and Physical Culture 4 B Rathna Nagar, Royapettah Mad

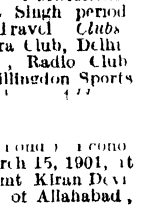
JAGTIANI, Lalchand Amardinomal Novelist Play wright and of Sindhi, S N D T Coll for W *b* Jan 25, 1885, *m* Smt *d* *Educ* Hirman Ld Sind Dayaram Sindhi Started life as a Master in a Primary School became Master of Several Semi Govt Secondary Schools, took active interest in Politics up active l *Publicat o chand* (n (short l) *Nan Kirat Ras* (a b *Phulan Muth* four act play *Shah* the seen Manzil Undi Cruz East Bom

JAIN, Ajit Pra Minister for Rehabilitation Advocate *b* 1902, *s* of Lal *m* Shrimati Lakshmi Devi, two *s* and one *d*, *Educ* Lucknow University Took part in all Civil Disobedience movements from 1930 onwards, M L A (U P), 1937 48, Parliamentary Secretary, 1937 39, Member Constituent Assembly of India, 1946 50, A I C C for a long time, Member Zamindari Abolition Ctte, U P Special Recruitment Board etc *Publications* U P and miscellaneous eral publications on and land problem *Address* Arab Delhi



JAIN, Jaichand, Bharat Insurance Co Ltd, from June 1 1944 and General Manager Bennett, Coleman & Co, Ltd, since March 1950 *b* Oct 20, 1911 *s* of late L Prabhu Dayal, M A *m* Sh Brij Mala Jain, two *s* and one *d* *Educ* Hindu Coll, Delhi, Govt Coll, Lahore Represented Western India Life Ins Co, Ltd of Satara as Chief Agent & Branch Manager for Punjab, 1935 42, Secretary to Seth T Dalmia, Oct 1942 May 1944 Pres All India Federation of Master Printers 1953, Audit Bureau of Circulations Ltd, 1953, was Vice Pres, Indian and Eastern Newspaper Society, elected its President for 1954 *Publications* Research thesis—post Ranjit Singh period *Recreations* Indoor games, Travel *Clubs* Chelmsford Club & Roshanara Club, Delhi National Sports Club C C I, Radio Club Orient Club, Rotary Club Willingdon Sports Club and 75, Walkes)

JAIN, Dr L C, Economist and Educationist *b* March 15, 1901, at Meerut *s* of B M Jain *m* Smt Kiran Devi 1924, three of Allahabad, M A 1st C L B, 19 Queen Empress Victoria Jubilee Medal, Univ of London Ph D, 1928 and D Sc (Econ), 19 turer in Econom Statistics, 192 Banking In United Pro Officer on S P Govt, Indian Tari Prof Economics Dept



Ctte on Agriculture Labour, Currency and India, 1941 46, Price 1942 Reconstruction of Punjab, 1943, Central ory Ctte, Govt of India 944 Secy Punjab Board Enquiry, 1944 Trustee and Trustees, Jain Hostel Allah cy, Indian Lo es 1939 Pres of Univ, 1940, Ind Adviser to Allied Control Commun 946, Indian Representative to Ph 946, Political Re Indian Ldn Economic Adv tion Govt onomic Adv nt Advi Govt 1948 Textile mber Planning Board and Univ Prof of Economics MP since 1953 Economics (Hindi) Min of Educ nited Nations Economic Adviser Govt, 1952 54 Adviser to 1954 *in India* (M *mentary Pro* Co) 1933, We Tariffs in India (Univ Report on Effects on Ceylon of and Govt) *Indian* (C M

Ltd, Canada, Director General of Civil Aviation *b* 1910, *m* two *s* Vijaya Kumar and Ajaya Kumar Univ and London Univ il Service, 1934 served and Dist Magistrate in several districts in U P, was Director of Industries, U P for two years Chief Secy, Govt of Hyderabad for nearly three years,

Chief Lab ... (Central) for two years, Dir Genl of Resettlement and Employment for six months *Hobby* Flying *Clubs* Delhi Gymkhana, Secunderabad Club, Delhi Flying Club *Address* Director General of Aviation, Talkatora Road, New Delhi

JAIN, Narendra Kumar, B A Business man, District Scout Commissioner Dehra Dun *b* July 19 1923, *Educ* Muzaffarnagar Deo band Meerut, graduated from Agra Univ, 1943 After schooling went to Udaipur (Rajasthan) continued Co during coll ... Students Co





... Singh ... Asso ... work and formed joint stock compan Mineral Traders Ltd, Veer Sahitya Ltd, Disposals (India) Ltd, etc, set Dehra Dun 1946 and served there as Secy, Relief and Rehabilitation Cttee ... by the Govt, edited an All India Arms Ammunition Dealers Directory, the 1st of ... kind, member, Crime Prevention ... Chairman Youth Service Cttee B Visitor *Publications History of* besides some Jain Publicat ... Club *Address* Hanuman Dun U P

JAIN, Pratap Chand, Manager ... than and Madhya Bharat offi Frec India General Insurance Co 1941 *b* 1913, of a prominent industrialist and business family of Jhalrapatan City (Rajasthan), *Educ* Christian Coll Indore Dir, Pride India Senior Partner, Pratap Chand Jain & Sons, Found r Member, Pres ... The Rotary Club Special Repre of Governor, Rotary International, 51st Dist, since 1945 Asstt Grand I G, Grand Lodge of United Scottish Freemasonry of Indi Pakistan, Master, Lodge Kindred Ho S C, Treasurer, Royal Chapter Tru Ajmer, Incharge, Lib for Ajmer State, I Executive Cttee Bh Cha ... ncil of Affairs, Cosmo Cit ... Ajmer State Pr Con ... Ajmer Town Congress Convent ... Congress Sewa Dal Pro Volunteers Board Ajmer State Mu Commissioner Chairman, Public ... Standing Cttee (1951), Patron, Tr The Ajmer Sangeet Samaj member tive Cttee, Ajmer Music Coll ... Jain Sabha, R ... Table Tennis A ... Cttee, Ajmer ... Flying Club, Jaipur, Order of the Road, London Rationalist Press Asso ... Ltd London *Address* Price India House ...



JAIN, Shanti Prasad, B Sc Industrial ... 1912 of Nat ... Dt Bijnore, U ... Shr ... Seth Ramkrishna Dal ... d Alka *Educ* Hindu Univ and ... ... nt of important like Cement Su- ... ...

(District Gorakhpur) Seth Anandram Jaipuria of Calcutta and Seth Anandram Jaipuria Eye Hospital Nawalgarh (Jaipur State) in memory of his father, founder and donor to a large number of Edu and Charitable Institutions actively in social reforms *Address* Civil Lines Kanpur U P

JAIPURIA, Sitaram, Millowner Financier *b* in the Jaipuria family of Calcutta s of Seth Mungturamji Jaipuria Director Jaipuria Brothers Ltd, Chairman Advisory Cttee of the Govt Central Textile Institut Informati Master C Manchester (England) Central Railway Advisory Cttee, Kanpur Cttee of the Employers Assocn of N India, Kanpur Cttee of the Merchants Chamber of U P Kanpur Cttee Upper India Chamber of Com Kanpur Advisory Cttee of the H Ruttar I titute and several other in keen interest in industrial development of the country had an extensive tour of Egypt, U K, Germany, France Switzerland etc to have a comprehensive study of ries, his family is famous f d and other chari ties, tak ber of various colleges, schools and hospi family *Address* Swadeshi Mills, Kanpur



JAIRAMDAS Doulatram, Governor of Assam since May 1950 Journalist and Political worker *b* 1892 at Hyderabad (Sind), *Educ* Graduated in Law, 1915 Practised as a lawyer in Karachi 1915-19, joined the Home Rule Movement 1916 took part in Satya graha Movement, 1919 member All-India Con gress Committee, 1917 41, participated in the Non Co operation Move ment, 1920 21 Editor, *The Hindu*, Karachi 1921, sentenced to two years rigorous imprisonment, Editor, *The Hindustan Times*, Delhi, 1925 26 member Bombay Leg Council 1926-29 resigned to assume charge of Sec retaryship of All-India Foreign Cloth Boycott Committee, joined Satyagraha Movement, 1930-34, wounded during police firing at Karachi on April 16, 1930 while pacifying mob General Secy, Indian National Congress, 1931-34, member, Congress Working Committee, 1928 41 jailed again 4 times during the political movement, 1930 34, released June, 1934 and again arrested in Aug, 1942, released in April, 1945, Governor of Bihar 1947 Minister for Food and Agriculture, Govt of India 1947 51 *Address* Shillong, Assam



JAJOO, Sitaram Surajmal, J C LL B, Minister for Law and Industries & Commerce and Inform Govt of Madhya Bharat *b* May 29, 1 at Neemuch *s* of Raj Sahib Seth Surajmal Jajoo and Shrim Bhanwari Devi, *m* Sumitra Jajoo three *s* and two *d* *Educ* Canton ment School, Neemuch Allahabad Univ H Coll Indore S D P Beawar Joined C at H Holl Soci and im Free Gw 1938 1941



Constituent Assembly of India Mahatma Gandhi Memorial Fund and Kasturba Fund Madhya Bharat etc elected Whip of the) *Publi-* topics in Tennis, Swimming *Clubs* Yeshwant Club Officers' Club Neemuch, Neemuch Gymkhana Club *Address* Jajoo Mansion Neemuch Cantonment Gandhi Road Gwalior

JALAN, Iswar Das, M A, B L Attorney at Law Minister for Local Self Govt, West Bengal *b* 1895, *Educ* Muzaffarpur Calcutta Solicitor, member, Calcutta Corporation, 1927 30, member Bengal Legislative Assembly, 1938 47 West Bengal Legislative Assembly, Speaker, West Bengal Legislative Assembly *Address* 47, Zakaria Street, Calcutta 7

JALAN, Nandkishore, Business Man *b* March 1921 5th *s* of late Seth Bansidhar Jalan of Calcutta, *m* Smt Shanti Devi, *d* of Raja Hariram Agarwal Allahabad, one *s* and three *d* *Educ* Privately under distinguished Professors of Calcutta Univ and educationists Entered business at the early age of 18, took up the administration of W H Harton & Co, Ltd (Rope Works) Shree Hanuman Steel Rolling Mills Howrah Trading Co, Ltd (Engineering Works) took complete charge of Moon Mills, Ltd (Cotton Mill) Bombay 1944 took over charge of Oriental Gas Co Ltd, Calcutta and Bombay Ltd, Bombay, 1946, successfully ed them at a critical time when Euro General Manager and Engineers resigned Partner, Soorajmull Nagarmull looks after its Oil and Shipping Departments and Bengal Jute Mill Co Ltd co opted several times Cttee member, Indian Chamber of Commerce Calcutta Cttee member Calcutta Jute Fabrics Shippers Assoc, Indian Jute Mills Assoc Commissioner for the Port of Calcutta, Director Bombay Gas Co, Ltd Asiatic Textile Co, Ltd, Moon Mills, Ltd Bikaner Industrial Corporation, Ltd, W H Harton & Co, Ltd, Madaripur Trading Co Ltd Popular Jute Trading Co, Ltd, is a keen sportsman *Clubs* National Sports Club of India Calcutta South Club Bengal Rowing Club Royal Calcutta Turf Club 300 Club Cricket Club of India, National Cricket Club *Address* Soorajmull Nagarmull 8 Dalhousie Square



JALORI, Takhatmal, Revenue Minister Madhya Bharat *b* 1895, at Baroda Practised at the State Bar 1913 43, Secy Gwalior State Pleaders Conference for several years and once President member Working Cttee, Gwalior State Congress, 1939, Pres, Bhind District Political Conference, 1939, Working Cttee, Bharat Jan Maha Mandal Chairman Reception Cttee All India Digam Bhilsa, Convener, first Workers of Gwalior State the formation of State first non official Minister for and Local Self Govt, Gwalior ned, 1942, again appointed Minister as Congress nominee 1947, inaugurated the Indore State Local Self Govt Conference, 1942 one of the founders of High School Bhilsa started various ions at Bhilsa such as Vyayamshala ook Library etc, was Finance Minister in the Govt in Gwalior State, 1948 at Madhya Bharat till Jan 1949 Revenue M C

JAMMU and KASHMIR Lt -Gen H H the Maharajadhiraj, Shri Harisinghji G C S I, G C I E, G C V O, Maharaja of, Salute 21 guns *b* 1895 *Educ* Mayo Coll, Ajmer and Imperial Cadet Corps, Dehra Dun, Hon I L D, Punjab and Benares Hindu Univs, Hon Lt Gen in the British Army, a Representative of India to War Cabinet 1944 Chancellor, Ben Hindu Univ (Aug, 1943), K C I E, (1918), K C V O (1922) G C I E (1929), G C S I (1933), G C V O, (1946) *Address* Winter Jammu Tawi Summer Srinagar Kashmir

JAMMU and KASHMIR, Yuvaraj Karan Singh Ji, B A, Sadar i Riyasat of *b* March 9 1931, *s* of Maharajadhiraj H H Hari Singh Ji and Maharani Tara Devi, *m* Yuvarani Yasho Rajya Lakshmi, *Educ* Upto Senior Cambridge at Doon School, Dehra Dun, Intermediate as a Private Student from Allahabad Univ, B A as a Private Student from Jammu and Kashmir Univ, is now studying for M A Political Science Chancellor Jammu and Kashmir Univ took over as Regent, re Constitutional Head of the State June 20 1949, elected and sworn in as first sat (Head of the State) Jammu an Nov 17 1952 *Recreations* Indi Music, Prolific reading, particularly Political Science and Philosophy Chess *Address* The Palace, Srinagar (Jammu and Kashmir State)

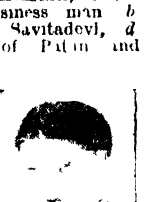


JAMSHEDJI, Jal, Managing Director Noble Paint & Varnish Co Ltd *b* March 24 1911 *s* of late Meherbai and Jamshedji Hormasji Commissariat *m* Miss Kati *Manchershaw Polishwalla*, 1942, one *s*, Dinyar and four *d*, Villi Roshan, Meher and Dina, *Educ* Elphinstone Coll obtained *Technical training* at Victoria Jubilee Technical Institute, Bombay, 1933 *Founded* Noble Paint & Varnish Co, one of the leading paint factories in India has been responsible for the quick growth of his paint concern started manufacturing Wrinkle Finish Enamel from 1950, is a keen sportsman and a member of Lodge Blackwell *Address* Noble Paint & Varnish Co Ltd Fergusson Road, Lower Parel Bombay 13



JAMUAR, Mr Justice Brahmadeva Prasad, M A (Hons) (Oxon), Judge, High Court, Patna *b* Sept 22 1898, *s* of late Rai Bahadur Bishun Prasad Gaya, Bihar, *Educ* City of London School England took Hons degree in Jurisprudence at Oxford England *Address* Patna Bihar

JARIWALA, Lallubhai Chakuram, D Sc J P, Industrialist and Business man *b* December 31, 1900, *m* Savitadevi, *d* of Vithaldas Zaverchand of Patna and Kanpur, two *s* and one Xaviers, Sydenham and National College of Gujarat Vid Bombay Univ Vienna (Austr Frankfort on Main (Germany), took Doctorate in Science (Chemistry) at the University of Frankfort Chairman, Solar Batteries and Flash Director al Indus Bayabharat Fabrication Ltd Partner T C Jariwala & Co (Industrial Plant and Machinery), Bombay Vithaldas Zaverchand (Cloth Merchants &



Textile Import Export), Bombay and Ahmedabad, first Indian to establish successfully on a large scale Dry Cell and Battery Industry in India, visited Europe several times and U S A for Battery, Carbon and Allied Industries and on business *Address* 3, Cuffe Parade, Colaba, Bombay 5

JASDANWALLA, Y A *Educ* Bharda New High School, Bombay Partner, Adamji Lookmanji & Co, Chairman, Alco Insurance Co, Ltd Director Steelyard Ltd, Petroleum & Minerals Ltd, Montana Ltd, Bombay Mercantile Co-operative Bank Ltd, New Consolidated Construction Co Ltd *Clubs* Cricket Club of India Ltd, Islam Gymkhana, Bombay *Address* Rahimtoola House, Homji Street, Fort Bombay

JASDENVALA, A A, J P and Hony Magistrate *b* June 24, 1899, *Educ* Bharda New High School and St Xavier's Coll, Bombay Partner, Adamji Lookmanji & Co, Managing Director, Alco Insurance Co Ltd, Director of several other joint stock concerns, President, Islam Gymkhana, Bombay, Vice Pres, Bombay Cricket Assocn, Chairman, Safety First Association of India, New Consolidated Construction Co Ltd, Sheriff of Bombay for the year 1946 *Clubs* Willingdon Radio, Cricket Club of India Orient Club *Address* Rahimtoola House, Homji Street, Fort, Bombay

JATHAR, Ganesh Bhaskar, Natural Science Tripos (Cambridge), History Tripos (Cambridge), M A (Econ) (Edin), Principal, K E Board's Arts and Science College, Dharwar *b* July 10, 1887, *s* of Rao Bahadur B Y Jathar and Annapurnabai Jathar, *m* Manutai Bhate, one *s*, *Educ* Deccan College Poona, Cambridge (England), Edinburgh (Scotland) Revenue Department, Baroda State, 1911-14, Department of Education, Bombay State, 1917 42, Indian Educational Service 1920-42, Principal Elphinstone College, 1937 42, Khalsa Coll, Bombay, June 1942 Nov 1945, Head of Commerce Dept, Andhra Univ, Waltair, 1947 48, member Maharashtra Univ Cttee Bombay *Publications Indian Economics* (2 vols, in collaboration with the late Professor S G Beri, etc), etc *Recreations* Music, Books *Club* Cricket Club of India, Bombay *Address* Chandrasadan, Station Road, Dharwar

JAWHAR Flt-Lt His Highness Maharaj Shrimant Yeswantrao Patangshah Vikramshah, M P, the Ruler of the former State of *b* December 11, 1917, *m* Shrimant Priyamwada Raje *sister* of the Rajasaheb of Jath May 1938, Heir-Apparent, Shrimant Yuvaraj Maharaj Digvijayasinhrao, born on Jan 5, 1940, two *d* Maharajkumari Asharje and Maharajkumari Premarje *Educ* Rajkumar College Rajkot, Blundell's Old Public School, England, received some administrative training in England, had further practical administrative training in India under the Collector of Nasik Ascended the *gadi* and was invested with full ruling powers January 16, 1938, is entitled to a permanent salute of 9 guns, his State merged with Bombay State, June 10, 1948 elected to the House of the People on ticket for the seat reserved for Scheduled Tribes from Thana Kolaba Constituency in the by-election *Recreations* Shooting Riding, Tennis and Motoring *Address* Jawhar



JAYAKAR, The Rt Hon ble Dr Mukund Ramrao, M A, I L D, D C L, P C, Honorary Vice-Chancellor, Poona University, since April 1948 *Educ* Bombay University Practised as a Barrister in Bombay High Court, took to public life, 1916, elected to Bombay Legis Council in 1923 and was Leader of the Swaraj Party in Bombay Council and Leader of the Opposition until his resignation after the meeting of the Congress, 1925, entered Legislative Assembly as a representative of Bombay City in 1926, continued a member thereof till 1930, Dy Leader of the Nationalist Party there from 1927 to 1930 March leader of the Opposition in 1930 Simla Session, was a delegate to the Indian Round Table Conference in London and member of Federal Structure Cttee member, Indian Delegation Co operating with the Joint Parliamentary Cttee on the White Paper appointed Judge of the Federal Court, India, from October 1937, appointed member of the Judicial Cttee of the Privy Council, January 1939, resigned in March 1942, Member, Constituent Assembly, resigned from the Constituent Assembly early in 1947 *Publications* Edited a book on Vedanta Philosophy in 1924 *Address* Winter Road Malabar Hill Bombay

JEDHE, Keshavrao Marutirao, Publicist *b* 1896 *s* of Marutirao Babaji and Rahibai Jedhe, *m* Smt Venutai Shitole, 1920, five *s* and one *d*, *Educ* Fergusson Coll Poona Worked with Satya Shodhak Samaj, Secy, Non Brahmin Party, 1930, joined Civil Disobedience Movement, 1930, jailed 1930 32, elected to Central Legislative Assembly, 1935 41, Pres, Maharashtra Provincial Congress, 1938 and 1946 48, member Constituent Assembly, 1948 51, also of provisional Parliament, Founder, Peasants and Workers Party, 1948 *Publications* Poems *Address* Jedhe Shukarwar Peth Poona 2

JEHANGIR, Sir Cowasji (Bart), M A (Cantab), G B E (1944), K C I E (1927), C I E (1920), O B E (1918), M L A *b* Feb 16, 1879 *m* Hirabai Kaisar i Hind (Gold Medal) with Bar, M B E, one *s* and one *d*, *Educ* St Xavier's Coll, Bombay, and St John's Coll Cambridge Member, Bombay Corporation 1904 21, Chairman Standing Cttee, 1914-15 Pres, Bombay Municipal Corporation, 1919 20, Hon Secy, War Loan Cttee 1917 18 member of the Legislative Council, member Executive Council, Govt of Bombay, 1921 22 and 1923 28, elected member, Legislative Assembly for the City of Bombay, 1930 47 delegate to the R T Cs 1930, 1931, 1932 delegate London Monetary and Economic Conference, 1933 delegate, Empire Parliamentary Conference, London 1935, representing the Central Legislature, Pres, National Liberal Federation of India 1936 one of India's representatives at the Coronation, London 1937, Chairman Bank of India Ltd, and a Director of the Tata Iron & Steel Co, Ltd, The Oriental Life Assurance Co, Ltd, Tata Chemicals Ltd, Tata Locomotive & Engineering Co, Ltd, The Bombay Burmah Trading Corporation Ltd, and several other companies, succeeded to the Baronetcy on July 26, 1934 *Clubs* Marlborough and St James, London, Asian, Ripon, Orient Willingdon, Bombay *Address* Readymoney House, Malabar Hill, Bombay

JENKINS, Owain Trevor, I A (Oxon) Palmer Lawrie & Co Ltd since Feb 20 1907, 5th *s* of Sir John Jenkins, K C S I, I C S, *m* Sybil Leonie 2nd *d* of Major General Herbert, Indian Army, 1940, *Educ* Charterhouse School and Balliol Coll Oxford Balmer Lawrie & Co Ltd 1929 Indian Army, 1940 43, Directorate General of Munitions Production, 1944, rejoined Balmer Lawrie & Co Ltd, 1944 *Clubs* Bengal Club, Calcutta Royal Bombay Yacht Club Bombay, Oriental Club, London *Address* C/o Balmer Lawrie & Co Ltd, 21, Netaji Subhas Road, Calcutta

JENKINS, William, Director, W H Brady & Co, Ltd *b* July, 25, 1904 *m* May, *d* of Wm Watson Otago, New Zealand 1942, *Educ* Whitehouse School, N Ireland Joined the Insurance Deptt of W H Brady & Co Ltd, Bombay, Feb 3, 1930 appointed a Director of the Company, 1940, Director of the several Companies in the Brady Group formerly J P and Hon Presidency Magistrate Vice Pres, Rotary Club of Bombay, 1951, its Pres, 1952, Vice Pres, The Deccan Sugar Factories Assoc, 1948, its Pres, 1949 again, 1952, member Cttee Chamber of Commerce *Recreations* Tennis *Clubs* Royal Bombay Yacht, Willingdon, East India and Sports London *Address* The Bombay Club Bombay





JERATH, Harbans Lal, B A, M S P, F R Econ S (Lond), Dip F (Lond), Director-General, Posts and Telegraphs, since Aug 1953 *b* July 29, 1899, *s* of Rup Chand **Jerath B A**, Advocate Hoshiarpur *m d* of Rai Bahadur J Sabharwal, two *s* and three *d*, *Educ* Government College, Lahore Joined the Indian Postal Service as Probationer, Dec 1919, Asstt Postmaster-General, Bombay and U P Circles, Asstt Deputy Director General, 1937-41, Dy Postmaster General, Bihar, 1942, Director, Posts and Telegraphs in Charge of Sind, Baluchistan and Persian Gulf Circle 1943-47, posted as Dy Director-General, Postal Services, March 1947, was placed on the P & T Partition Cttee, was officiating Director General in April 1951, Deputed as a delegate from India to attend the Universal Postal Union and International Air Transport Assoc Conduct Cttee meeting held in U K, Sept 1 on the Executive meetings at Berne, *Club* Imperial Delhi Gymkhana 15, Tughlak Road, New Delhi

JHA, Prof Amaranath, M A, D Litt (Hon), LL D (Hon), F R S I, Hony Lt Col, Chairman Public Service Commission, Bihar, since April 1953 *b* Feb 25, 1897, *m* Satyabhama Devi (*d* 1936), *Educ* Govt High School and Muir College, Allahabad Prof of English, Muir Coll, 1917, Univ Prof of English, 1930, Senior Vice Chancellor Allahabad Municipality, 1922 President India Educational Conference 1941 and Convocations at Patna, Allahabad Mysore, Santiniketan Punjab Bombay President, First All India of English Teachers 1940, Member of Nations Cttee on the Training of Youth, 1934 President All India Hindi Sahitya and the All India Adult Education Member, Indian Delegation to U O, 1945, formerly Vice Chancellor Allahabad Univ and Benares Hindu Univ, Chairman, U P Public Service Commn, 1947 53 *Publications Selections from Lord Morley* (Macmillans, 1920) *Soliloquies of Frederic Harrison Hamlet* (1940) *Influence* (1950) *Literary Studies of Shakespeare* 1940), *Gold Coast* (1950), *Lachmi* (1950) *Address* I K

JHA, Bhola Nath, M A, C I E (1946) Secretary, Ministry of Communications, Govt of India, since March 1953 *b* Feb 1902 *s* of R N Jha *m* Mrs Kamala Jha one *s* and one *d* *Educ* Muir Central Coll and the Univ of Allahabad I C S, 1924 I C S probationer at Coll, Oxford, 1924 26, Assistant and District Magistrate in U P 1926 36, Secy, U P

1937 38 served as Dy Secy Agriculture Industries and Revenue Secy and Dy Secy Development Commissioner, U P Govt, 1939 1947, Chief Secy March 1947 June Senior Adviser 1949 51 Secy, U P, Relations Hockey Football Address Secretary Minto

JHA, Lakshmi Kanta, B A (Oxford) M B E (1946), Joint Secretary, Ministry of Commerce and Industry, Govt of India, b November 22, 1913, s and Mrs S K Jha m Aryaa, d of Dr K Acharya, and two d Educ Hindu Univ and Trinity College Cambridge Under Secy Govt of Bihar Local Self Govt Dept Deputy Secy, Govt of India, Supply Dept Deputy Secy, Govt of India, Commerce Dept, Adviser to Indian Delegations to United Nations Transport and Communications Commission and Economic Council, Delegate to Conference, Leader to Germany Delegate, Economic Far East Sixth Session Lahore and Exports Trade, Part I & II Clubs Imperial and Calcutta Club Address 36, Aurangzeb Road New Delhi

JHAVERI, Krishnalal Mohanlal, Rao Bahadur (1929), M A, LL B J P b December 1868, m 1886, Educ Surat, Broach Bhavnagar, Bombay, B A (First Class Honours, English and Persian) 1888, Gavri Shankar Gold Medalist, Perry Prizeman of Jurisprudence, Dakshina Fellow, Elphinstone College, Bombay Lectured on Persian Advocate, Appellate Side, Bombay High Court (1893 1905), Judge Court of Small Causes Bombay (1905) Sheriff and Member of Academic Council, Dean, Faculty of Law Chairman, Board of Studies in Gujarati Hindi and Persian and Library Cttee, University of Bombay, Chancellor, S N D T Indian Women's Univ 1948 51 Vice Chancellor (1951) knows Gujarati, Marathi Hindi, Bengali Urdu and Persian languages has extensively toured with the Bombay Bar Association and Hindu Orphanage Trust Fund time of retirement from Court of Small Causes Bombay Official Adviser to the Government



JOHNSON, George Arthur, Editor, *The Statesman* Delhi son of Arthur and Ethel Constance Rose Hurst Hospital Dublin Fellow Royal Anthropological Institute Club State

JOLLY, Brij Mohan, B Com (Lond), Barrister at Law Deputy Secretary, Indian Red Cross Society and St John Ambulance Association (India) b March 1, 1908 Trust Mohan Punjab el s of Rai Bahadur Lushington Kawalpindi Merchant, etc m Smt Vimla Suri d of late Jai Gopal Suri M B E Audit and Accounts Service Govt of India Educ London School of Economics Inn London Practised in High Court 1929 30 Import export concern in London 1930 38 Political Secy and Chief Minister Indian States 1939 41 actively

the Mid century White House Conference on Children and Youth in Washington, and the N Youth Welfare Seminar for S E Asia Study has travelled extensively in Europe 1942 43, Founder Joint Secy Council for Relief and Welfare Red Cross Society

Royal Economic Society Art literature and riding

JONES, Arthur Stanley, B A Methodist minister b Dec 7 1912 s of Henry Albert Difference Emily Jones m Alison Nivison d one d Educ Wolverhampton School and Handsworth took B A, 1937 Has worked in India since 1937, Honorary Cttee Repre

JONES, Wilson Lionel Carton, Player Salesman, Alsales Ltd, Bombay 1950 b May Food one School Tuition Factory Works Bombay 1 mission of India, n of India 1948 & 52 Indian Representative for Billiards and Snooker World ship, 1951 52, Clubs Vissanji Club Islam Gymkhana Cricket Club Address C/o Mrs O Wade 10 Street Jacob Circle P

JOSHI, Maganlal Bhagwanji, Gujarat Leg Assembly, since 1952, Hon Secy Pleader Bombay b April 20 1 Jodhpur) s of late Bhagwanji Jos Smt Mangala Joshi d of Shukla of Gondal, five s Pt Bodh Chandra B Com, Kneetch kumar Educ Jam Pres, Halar Dt Congress Cttee 1948 elected uncontested from Khambhalia Constituency 1948, Rajkot

JOSHI, Sir M V (1923) b m Shri Vidyadhara, two s and four d, Educ Poona Elphinstone Coll, Bombay Court Home Dept All India Liberal Federation Chairman Age of Consent Committee retired from legal profession Member, Standing State, War Front Madhya Welfare Board

JOSHI, Narayan Malhar 1879, Educ Poona Ne and Deccan Coll Taught in private and Govt High Schools for 8 years Servants of India Society, 1909 and on pension in Social Service League Bombay Pres and Pres since Liberal Associ Trade Union Member of the Governing from 1922 24 and member from 1934 44 and from 1946 48 Kaiser i Hind Silver Medal (1919), Member Bombay Municipal Corpn, 1919 23 Member, Legislative Assembly nominated to represent labour interests, 1921 47 Member Royal Commission on Indian Labour as Labour representative, attended Round Table Conference 1930 31 and 1932 Attended the meetings of the Joint Parliamentary Committee as Indian delegate Member, National Planning Committee and Chairman of its Labour Sub Committee, President, Bombay Civil Liberties Union, since 1938, member, Central Pay Commission 1947 Address Model House, A 4 Proctor Road, Girgaum Bombay 7

JOSHI, Pt Narottam Lal, Speaker Rajasthan Legislative Assembly 1952 16, 1914, s of Pandit Kanhaiyalal m, three s and one d Educ rated from Maharaja's Coll Jaipur, took M A & LL B degrees from the Benares Hindu Univ, 7 A leading practising and Pres, Jhunjhunu Rajasthan one of the leaders of the Jaipur Prajamandal under leadership of Seth Jamnalal Bazaj sponsored its agitation and the agitation in the of former Jaipur State part in the Civil liberties movement in Jaipur State, 1938-39 arrested by Jaipur Govt in the Chanana Case, 1945, was member Jaipur Prajamandal Working Cttee for many years, was Pres and Secy, Dist Prajamandal and Congress Cttee for a long time member, Rajasthan P C C, Law and Election Minister unanimously elected Leg Assembly 1952 Jhunjhunu



SHI, Pandurang Narayan, B A (Hons), M Sc Tech (Manchester), F R I C, Principal and Secretary, Victoria Jubilee Technical Institute, Bombay b Nov 10, 1902, s of Narayan Keshav and Mrs Laxmibai Joshi of Kolhapur, m Indumati, three s, Educ Wilson College Bombay, Technology, Manchester received practical at Scottish Dyes Ltd, Grangemouth Dyestuffs Corp Blackley and I G Farbenindustrie Frankfurt-on Main Head of dyeing, yarn bleaching and Pharmaceutical Depts, Madhowjee Dharamsi Mo Head of Technical Applied Chemistry of V J T I Institute since Fellow, All Council of Technical Education Vice Pres, Assoc of Principals Technical Institutions since 194 Appointed by Government Committee on Industrial Secondary Education Cttee, Papers on Technical Education, has taken two patents Recreations Tennis



HI, Shridhar Sarvottam, M Sc (Banaras), D Sc (London), F R I C, I N I, F A Sc University Professor of Chemistry, Head of Chemistry Dept and Principal, College of Science, Banaras Hindu University b Oct 16, 1898, m Sontara Chiplonkar, one s and one d, Educ Banaras and London President, Chemistry Section, Indian Science Congress, 1943, has contributed original work in Colloids,

Electro Chemistry, Active Nitrogen and discovered a new effect of light, known as Joshi's Effect *Publications* Over 150 papers *Recreation* Cricket *Address* Banaras Hindu University

JOSHI, Umashankar Jethalal, M A Author, Editor *Sanskrti* (Culture), Gujarati monthly *b* July 21, 1911 *s* of late Jethalal Kamalji and Smt Navalbai, *m* Smt Jyotsna B A two *d* Nandini and Svati, *Educ* Panna Idar High School, Gujarat Coll Ell Coll M A First Class Teacher Lecturer one year, Post graduate Research Institute Gujarat Vidya Sabha Ahmedabad (1939 46) Honorary Prof at Gujarat Vidyapith since 1947 member Senate the M S Univ of Baroda Board of Studies, the M S Univ of Baroda and the Gujarat Univ visited China Indonesia, Malaya and Ceylon 1952 *Publications* Poetry *Vishva Shanti Gangotri*, *Nusheeth*, *Ond e Poland Prachina*, *Atidhya*, One Act Plays *Sapna Bhara Shaheed*, Short Stories *Shravani Melo Tran Ardhun Be*, *Antaraya*, Novel *Parkan Janyan*, Essays *Goshthi*, Criticism *Sama Samvedan*, *Akho a Study* Research *Gujarat in the Puranas* Translations *The* *Address* 1

JOSHI, Prof Vinayak Mahadeo M A (Oxon) Master of English Deptt S S P Military School Poona *b* 1903 at Poona, *m* Smt (deceased) *d* of T A Sathe 1928, four children *Educ* Poona and Oxford Has worked in different fields of life e g education in cinema and publicity has deeply studied Indian philosophy has written books into English Dictionary verse 1

and Cricket tion Sports Poona 2

JUNNARKAR, Shripatrao Balvantrao, B A (1st Class Hons) (Bom), B Sc (1st Class Hons) (Engg) (London) M B E (1944) Birla Vishvakarma Mahavidyalaya, *b* Oct 29 1899 Indra Junnarkar Dharkar one *s* Elphinstone College Bombay College, London Apprentice Engineer Reclamation Scheme Bombay Engineer Karachi Port Trust, F D Engineering College *Publications* *Medallies of* Street Ahmed

KABIR, Humayun, M A (Cal) M A (Oxon) Univ Gold Medals Prizes etc (1926 & 1928 State Scholar (1927), Exeter College Foundation Prize (1931) Secretary and Educational Adviser to the Govt of India, Ministry of Education since Jan 1952 *b* Feb 22 1906 *s* of Khan Bahadur Kabir ud Din Ahmed Bengal Civil Service (Retd) *m* Mrs Shanti Kabir, one *s* and one *d* *Educ* Calcutta and Oxford Has taught in the Univs of Calcutta and Andhra was Secy Oxford Union Society, prominently associated with the Students Movement the Quit India Movement and Trade Union Peasants Party Bengal Pres All India Student the Adjudicator All India Indian Leader 1 of UNESCO 1948 of India as Vice Pres, Indian Relations 19 *Publ* Sterling Bhagavad *Indian* Bengali *Chaitanya* *Mad* (in Bengali), *Men and Rivers*, *Our Heritage*, *Three Stories Of Cabbages & Kings*, *Marvad* 1948 *Nadi O Naree*, 1950, etc (Several works translated into European languages) *Address* Ministry of Education, Govt of India, New Delhi

KACHHWAHA, Anand Singh *b* Bhadrapada Krishna 30 Samvat 1971V, 3rd *s* of late Jamnadas Pokerji, Contractor and Arya Samajist Leader, Jodhpur *m* Janki Devi, *d* of Raja Ram Ji Contractor, Marwar Mathania, May 28, 1934, two *s* Yaswant Singh and Mahendra Singh and one *d*, Kumari Vijay Laxmi, Active Partner Gotan Lime-Syndicate Gotan Rajasthan, Managing Director Anand Theatres Ltd, Jodhpur Shree Sumer High School, Jodhpur Sarpanch Mandore Village Panchayat member Red Cross Society Jodhpur member Rajasthan Minerals and Industrial Advisory Board National Geographic Society of USA Discussion Group of the Motion Picture Society of India, Bombay Club Pres Arya Samaj Jodhpur 20/3 Fort Road, Jodhpur, *Offi* Theatres Limited Jodhpur



KACHHWAHA, Narsinha, Deputy Minister for Home and General Administration Rajasthan *b* Ashwin Shukla 2 Samvat Jodhpur 2nd *s* of late Jamnadas Arya Samaj Leader, Contractor and business magnate of Marwar *m* Smt Devi, *d* of Bherulal Gehlot July 1 1938 six *s* Bhanwar Swaroop Sardar Yashwant Vikram Shyam and Zabar and three *d*, Nirmala, Vimla and Baby, *Educ* D A V High School, Ajmer (1928 31), Govt Coll, Ajmer (1931 34), Jaswant Coll Jodhpur (1934 37) Pres, Samik Kshatriya Girls School Mandore (1938 40) General Secy Marwar Kishan Sabha for four years, Pres for two years, member, Jodhpur Assembly 1945 46 Liaison Officer, Jodhpur Govt for Food Grains, 1946 member, Project Scheme Cttee, Chairman Theatres Ltd, Organiser ons convened and presided over a ntative Kisan Conference in Marwar 15 1948 a staunch Supporter of d in the uplift cheduled Classes Assembly Ex Cabinet Minister Addr Behind Nai Jaipur and Jodhpur



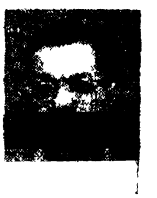
KACHHWAHA, Santosh Singh, (Rajasthan) Proprietor J Santosh & Sons Mechanical, Civil Marine Electrical, Radio, Cine and Air Conditioning Engineers and Contractors *b* 1908, *s* of late Jamnadassji, Contractor and a pioneer in ullist of Marwar *m*, and six *d*, *Educ* High School and Bowett Lucknow All India Sabha Jodhpur, to for the construc Gulabsagar and various other as a social worker staunch Arya Samajist, takes keen in children's education, modern agri al farming welfare of



backward clas rong supporter of female educ ined to the Rajasthan State Assembly from Bilara Constituency in the general elections as an Independent is an active member of the Sanyukta Dal of the Rajasthan State Assembly *Publications* *The Samil Rajputs* (a short historical survey) *Address* Sojate Gate Jodhpur (Rajasthan)

KADAM (Katarnikar), Dr Baburao Shankarrao, B Sc (Iowa), M Sc, Ph D (Cornell), Director Tobacco Research *b* October 25, 1903 at Dhamnagar s of S V Kadam Katarnikar (*née* Moray), three *d* and two Lashkar, Gwalior, Iowa State College and Cornell University, U S A Crop Botanist to the Govt of Bombay (1930 42) Deputy Director of Agriculture (Crop Research) (1942-44) Asstt Agricultural Commissioner with the Govt of India (1944 45) on deputation America, Canada and England (1946) ember of the Society of Sigma Xi, Cornell pter, 1940 Life Member Indian Society Genetics & Plant Breeding (1941) Fellow, Indian Academy of Sciences (1943), Fellow National Institute of Sciences (1946) Fellow, Botanical Society of India (1946) one of the leading geneticists in the country, was largely responsible for the development of plant breeding work on modern lines in Bombay State *Publications* About 70 papers on genetical and agronomic aspects of *Address* Godavari

KAIKINI, P R, M A LL Poet journalist and critic *b* February 15, 1912, *s* of Ramrao and Shantabai Kaikini, *m* Smt Sita M A, *d* of late Jeppu Ganesh Rao 1952 *Educ* St Xavier's College Bombay Commenced writing verse while still at school critics east and west of Suez are inclined to accord him an important place among contemporary Indian poets, member, English Association, London, the *motif* of his work is love of India is fond of outdoor life Sports, drama films walking entered Bombay Civil Service under Congress Government *Publications* Nine volumes of poetry *Hobbies* Philately photography, printing, publicity *Recreations* Music walking volley-ball *Address* Krishna Kunj 10th Road Kh



KAJI, Ashok Hirabai, M Sc, LL and Hon Presidency Magistrate, Managing Director, Vasant Insurance Company, Ltd Bombay, since Oct 1941 Pres, Bombay Provincial Co operative Marketing Society Ltd Bombay Pres, Vasant Purnima Co operative Housing Society Ltd Bombay, Hon Secy, New Co operative Housing ciety Ltd, Bombay Member Rly users Consultative Cttee, Western Rly Bombay Security Cttee, Indian Union, State Co-operative Committee Fruit and Vegetable Cttee, Finance Sub Cttee of the Indian Merchants Chamber Ex Cttee, Shree Lad Caste and Yuvak Sammelan Director, Bombay Provincial Co operative Bank Ltd *b* Sept 23, 1918 *m* Jayavati R Popawala, B A (Hons) *Educ* Royal Institute of Science Bombay graduated with First Class Honours with Distinction, Scholar and Dakshina Fellow (1938 41) Interested in Co operative Movements and cultural movements *Clubs* W I A A National Sports Club *Address* Vasant Mahal Near S T Stand Bombay 1



KAJROLKER, Narayan Sadoba, M L Pom bay Vice President Butter Manufacturers Association *b* 9th July 1896 *s* of late Subedar S S Kajrolker of 108th Mahratta Light Infantry, *m* Smt Luxmibai, four *s* and three *d*, *Educ* S P G Mission Society, Dapoli Dist Is keenly in the uplift of the Classes and Classes in general, General Secretary and Trustee, the Depressed Classes Mission Society of India, member, Harijan Sevak Sangh, Central Board, Delhi, Board of Bombay Member Backward Classes Commis sion *Etc and Hon* (Chim bhar) Samaj and Temp Kajrol ker Housing Society, Pre ident, Chan ucers Co ety, Roh n Society V Harijan) ciety, Khar ader and public worker, President Bharatiya Depressed Classes League *Address* 112 Meadows Street Fort, Bombay SC North Avenue New Delhi



KALE, Gopal Narhar, I V (Hons) Ex Minister for Food Madhya Pr 28, 1896, at Vijapur in Brahmin family, *m* late Sh Kale, one *s* (adopted aborigin war *Educ* Baroda Coll, did not appear for Final LL B Exam on account of the Non Co operation Movement Jo Sabarmati Ashram, 1921, subsequently to Wardha Ashram wherefrom edited Mar Weekly *Maharashtra Dharma* did Vino work till 1935, took active part in Congress work became member, Provincial Congress Cttee Nagpur and A I C C, was Vice Pres, P C C Nagpur for many years also acted as President many a time, courted jail five ng individual Satyagraha, 1930 41 42 after release from jail an in Marathi for three year M L A Nagpur 1945 *Publications* Articles in Marathi *Harijan* and elsewhere *Address* Gopuri P Nalwadi Wardha (M P)

KALELKAR, Acharya Kakasaheb, B A (Bombay) M P (Council of States), Director, Gandhi Memorial Museum *b* Dec 1 1885 *s* of Balkrishna J Kalelkar and Mrs Radhabai Kalelkar *m* Smt Lakshmibai, *d* of Vamanrao Shirodkar two *s* Prof Satish D Kalelkar and Dr Bal D Kalelkar *Educ* Fergusson Coll, Poona Journalist Vice Chancellor and Principal, Gujarat Vidyapith Editor Mahatma Gandhi's Weeklies and Mo zines worked for the spread of Hindi India Pres, Hindustani Talimi Education), Hindustani Prachar man Backward Classes Commn to Government of India one of the Vice Presidents of Cultural Rela Author of and Hindi nglish and nt editing *Mangal Prabhat* - a Hindi Monthly *Address* Kakawadi Wardha (M P)

KAMALADEVI, Shrimati, Politician and Social Worker *b* 1903 of a Saraswat family of Mangalore, *m* Harindranath Chatto Padhyaya, *Educ* Pas 19 d Coll, Lo hool nomics Jou ded herself with constructive work, elected to A I C C, 1927, was Gen Secy All India Women's Educational Confe later became Organising Secy, All n s Conference has been mainly for building up the W tion and giving it a shape nnection with the freedom 42, etc, has travelled extensively in India, visited Europe thrice and once gone round the World, has on different occasions represented her country at Int m Union Honor and Copenhagen, was All India Women's Conference, founded the Indian Co operative Society and set out to rehabilitate the uprooted refugees on a co operative basis is a member of the Praja Socialist Party *Publications In Wartorn China, Japan Its Weakness and Strength* and tional Offi n ad Bombay

KAMARAJ, K, M P Chief Minister Madras since April 1954 *b* 1903 s of Kumaraswamy Nadar, *Educ* Virudhunagar Ramnad District, Madras Entered public life, 1921 during Salt Satyagraha, convicted for two years elected member, Working Cttee Tamil Nad Congress, and member A I C C 1941 convicted for one year R I in 1932 movement one of the accused in Virudhunagar bomb case, 1934 later acquitte Secy Tamil N Cttee 1935 Assembly 1936 and again in 1946 during the Individual Satyagraha Mov 1941, while in detention was Chairman, Virudhunagar Municipality, 1941 again detained in 1942 and released 1945 elected to the Constituent Assembly of India 1947, chosen as a member, A Congress Working Cttee, 1949, I N C C 1939 54 elected Leader Legislature Congress Party 1954 *Address* Secretariat Madr



KAMAT, Venkatrao Vithal, B A (Bom), Ph D (Edin), Head of the Department of Psychology Institute of Education Bombay *b* August 27 1888, *s* of a landlord in North Kanara District Bombay State, *m* Ramabai Muzumdar of Ankola, North Kanara, two *s* and three *d*, *Educ* Hindu High School, Karwar Wilson College Bombay, Moray House, University of Edinburgh, Edinburgh Served for 33 years in the Education Department of the Govt of Bombay as Assistant Master in High Schools of the Southern Division, as Lecturer in Secondary Training Colleges, Bombay and Belgaum, and as Educational Inspector, Southern Division, Principal, Tilak College of Education, Poona for four years *Publications Measuring Intelligence of Indian Children(O U P) Recreations* Outdoor games principally Tennis, Badminton, Hockey and Cricket *Clubs* Mitra Samaj, Dharwar and Deccan Gymkhana, Poona *Address* Head of the Department of Psychology, Institute of Education 11 Horniman Circle Bombay 1

KAMATH, Fred Marion De Mello, B A (Bombay) B Sc (Econ) (London), specialised in International Law & Relations Ex Consul General of India, Saigon *b* June 1 1907 at Puttur, South Kanara, *s* of the late Peter De Mello and the late Stephanie Pinto, *m* Lena Saldanha one *s* and two *d* *Educ* St Aloysius Coll, Mangalore, Karnatak Coll, Dharwar, London School of Economics Asstt Editor, *The Times of India*, Bombay (1932 33), Lecturer, Sydenham Coll of Commerce, Bombay (1933 34) Editor *The Indian Listener*, All India Radio (1938 39), Editor, *Indian Farming*, 1939 44, Asstt Press Adviser to the Govt of India (1944 45) Information Officer with the High Commissioner for India in Australia (1946 48) Director of Information Services and First Secretary, Embassy of India, Washington, D C, 1948 49 *Publications Problems of Rural Reconstruction in India* and articles on various journals *Club* Sportif Saigonnais *Address* N w D lh

KAMATH, Hari Vishnu, B Sc (Hons) *b* July 13, 1907 *s* of H Rama Kamath and Anandibai Kamath *Educ* Mangalore upto the int rm Coll, Madras 1928, passed into the I C S in London, 1929 Served in the I C S, Dec 1930 to April 1938, resigned for political reasons joined Congress, then the National Planning Cttee as Secy and subsequently the Forward Bloc as its General Secy, was in prison, April 1940 to Sept 1945, with a short break in 1941, elected member, Constituent Assembly, 1946 member, Nagpur Provincial Congress Cttee, represented Madhya Pradesh constituency in the Indian Parliament, delegate to the second London Parliamentary Conference on World Govt, 1952 at the invitation of the All Party British Parliamentary Group for World Govt, elected member, Executive of the Indian Assoc for World Federal Govt, 1950 *Recreations* Hiking Motoring *Special Interests* Philosophy, Literature, Yoga *Club* Constitution Club, New Delhi *Address* Dhantoli Nagpur, Madhya Pradesh

KAMESWARAMMA, Kuppuswamy, Smt, B A, General Secretary, All India Women's Conference *b* 1907, at Rajamundry, *Educ* Presidency Coll, Madras Worked in Cuddapah and was in charge of all the girls Elementary Schools, resigned and Satyagraha movement, 1930, arrested and sentenced for six months, East Godavari Dist Congress Cttee, started a Women's Assoc and Nursery School in Mysore, member of the Senate Andhra Univ, member, Mysore Legislative Council served as co opted member Fundamental Rights Cttee Mysore Constituent Body, Pres, Harijan Sevak Sangh Mysore City, connected with the A I W C from 1929, is connected with several organisations, Hon Secy, Red Cross, Madras State Branch, Hon Presidency Magistrate an ardent social and political *Address* All India Women's Conference Bangalore

KAMTE, Narayanrao Marutirao, I P, B A (Hons), M B E, 1946, Inspector General of Police, State of Bombay *b* Sept 11, 1900, at Poona, *m* Miss Naik, *d* of Gopalrao Naik, Advocate (O S), three *s* and one *d* *Educ* Deccan College Poona Indian Police *Recreation* Golf *Clubs* Cricket Club of India, Willingdon Sports Club, Poona Club *Address* Kamte House', Ganeshkhind, Poona 7

KANDATHIL, Most Rev Mar Augustine, D D, Archbishop, Metropolitan of Ernakulam, was Titular Bishop of Arad and Co adjutor with right of succession to the first Vicar Apostolic of Ernakulam since 1911 *b* Chemp, Vaikam, Travancore, 25th Aug 1874, *Educ* Papal Seminary, Kandy, Ceylon Priest, 1901, Parish Priest for sometime, Rector of Prep Sem, Ernakulam, and Private Sec to the first Vicar Apostolic of Ernakulam to end of 1911, consecrated Bishop December 3, 1911 succeeded Rt Rev Dr A Pareparambil as Second Vicar Apostolic 9th Dec 1919 installed on 18th Dec 1919, was made Archbishop, Metropolitan 21st Dec 1923 (Suffragan sees being Changanacherry, Trichur, Palai and Kottayam) Installation 16th Nov 1924, Assistant at the Pontifical Throne 3rd Dec 1936 (Jubilee of the Episcopal Consecration) *Address* Archbishop's House, Ernakulam

KANTHI, Shivalingappa Rudrappa, B A, LL B Dy Speaker Bombay Leg Assembly *b* Dec 21, 1908, *m*, two *s*, Karnatak Coll, Rajaram Coll pur Sykes Law Coll, Kolhapur at the Bagalkot Bar, 1935 has been active part in the organisations of Harijans ryots and weavers, elected member K P C C and A I C C, 1939, elected Pres Bijapur Dist Congress Cttee, 1940 46, organised the Individual Satyagraha in the Bijapur Dist, 1940 41 and to 10 months S I, 1941, in the 1942 Aug Movem usted with the work of distribution of

corn, clothes, etc, among famine stricken people after the famine, was an active member of the Peoples Provincial Food Cttee, was elected working Pres, Dist Ryots' Conference, Feb, 1946 Parl Secy, Govt of Bombay *Address* Council Hall Bombay

KANUNGO, Nityanand, B A B L M P *b* May 4, 1900, *s* of late B M Kanungo and Hemant Kumari *m* Smt Saubhakti Kanungo (*nee* Mahanty), 1922, four s and two d *Educ* Ravenshaw Coll Cuttack and Univ Coll Calcutta Minister for Home Law, Industries and Agriculture Govt of Orissa, 1937 52, Secy All India Spinners Association, Local Branch 1939 42, Pres All India Village Industries Association, Orissa, 1946 Chairman Cotton Textile Enquiry Cttee, 1952 Leader Indian delegation to International Rice Commission 1952 member, All India Handicrafts Board and Sangeet Natak Akademi (National Akademi of dance, drama and music), Director, State Co op Bank Orissa member, A I C C *Recreations* Swimming, Bee keeping, Sociology, Rural Economy Agriculture *Address* Baktabad, Cuttack 2 Orissa

KAPUR, Mr Justice Jeevan Lal, B A (Pb), M A (Cantab), LL B (Cantab), Bar at Law, Judge, Last Punjab High Court, Simla, since June 1949 *b* Dec 13, 1897, *s* of Malik Bhagwan Das Kapur and Mrs Bhagwanti Kapur *m* Gian Wati (*nee* Mehta) of Newnham College, Cambridge, two *s* *Educ* Cathedral School for Boys, Lahore Govt. College, Lahore (Pb Univ), Magdalene College (Cambridge Univ), Inner Temple Called to the Bar 1922, practised in High Court, Lahore (1922 47), at Simla after partition, 1947, member, Federal Public Service Commission Delhi, Dec 1947 to April 1949, took part in Trade Union Movement, 1924-37 *Publication Law of Adoption in India and Burma* *Recreations* Riding and Swimming *Club* Delhi Gymkhana Club, New Delhi *Address* Armsdell Simla

KARAKA, Darasha Cursetji, B A, B Sc Managing Agent Pickers Ltd (D C Karaka & Co) and Leather Textilities Ltd (Karaka & Co) *b* Feb 28, 1895 *m* Jeanie, *d* of late Ardeshir Dadabhov, former Public Prosecutor of Central India, one *s* and two *d*, *Educ* Wilson Coll, Bombay, Gujarat Coll, Ahmedabad Demonstrator, Gujarat Coll, Ahmedabad 1918 20 took to business was mainly responsible for forming Assoc of Picker manufacturers Pres, All India Picker Manufacturers Assoc represented Picker Industry before Tariff Board and obtained protection for the Industry from the Govt was instrumental in the enforcement of a ban by Govt on import of Pickers into India Chairman Textile Stores Sub Cttee (TDC 6 3) Indian Standards Institution played a part in formulating standards for Pickers and Picking Bands visited England and other Continental countries 1946 and 1948 *Recreations* Sports and Bridge *Clubs* Reform Club, Ahmedabad, Rotary Club of Ahmedabad Ahmedabad Parsi Gymkhana Ahmedabad, Gujarat Club, Ahmedabad Willingdon Sports Club, Bombay *Address* Ellis Bridge, Ahmedabad 6



KARANJIA, Burjor K, B A (Hons) Editor, *Cinevoice* and *Movie Times* *b* Dec 21, 1919 *m* Miss Abad Edulji Allbless, May 1943 one *d* *Educ* Wilson Coll, Bombay Journalist, writer critic and a social worker, edited and published *Cinevoice* a popular cine magazine, June 1947 and 'Movie Times' a cine weekly, Nov 1949 organised A Nite With Stars' a variety entertainment programme at the Regal Theatre, Bombay in which most popular cine stars took part and for the first time stepped from the screen to the stage in an effort to collect funds Troop comforts and Kashmir Relief Fund, Jan 1949 in March 1951 got together leading film stars for 'Film Stars Cricket Festival' at the Brabourne Stadium under the patronage of H E the Governor of Bombay for Mayor s, Governor s, tri control and film funds *Recreations* Riding, Reading *Address* Quetta Terrace Chowpatty, Bombay 7

KARANJIA, Russy K, B A (Hons), Publisher and Journalist Editor in Chief of *Blitz*, a leading Indian weekly, Correspondent of several leading foreign newspapers, including the *Daily Mail* (London) *b* Sept 15, 1912 *m* Aileen (*nee* Vacha), *Educ* St Xavier's High School and Coll, Bombay Took training in journalism in U K and Europe commenced journalistic career as reporter, sub editor and special correspondent with the *Times of India* publications, joined *Sunday Standard* as Deputy Editor and later became Editor in Chief of the *Sunday Standard* and *Morning Standard* (today *Indian Express*) started *Blitz* in Feb 1941, Editor and Director of *Blitz* Publications has since made three separate tours of the Continent and contributed signed articles to several of the world s leading news papers was Dy Leader of the first Indian Goodwill Mission to Peoples China, one of the founders and an ex President of the Progressive Group Bombay, Chairman, Freedom of the Press Cttee *Recreations* Riding, Tennis *Address* Earl s Court, Marine Drive, Bombay

KARMARKAR, Dattatraya Parashuram, M A, LL B, Minister for Commerce, Govt of India since August 1952 *b* July 20 1902 at Mantur Dharwar Dist, *s* of Parashuram Sadashiv Karmarkar, *m* Smt Shantabai, Nov 1936, two *s* and two *d*, *Educ* Karnatak Coll, Dharwar, Deccan Coll and Law Coll, Poona Lawyer, member Karnatak Education Board, Dharwar Historical Research Society, Kannada Research Board, Indian Historical Records Commission, District Anti Corruption Cttee, Founder-Member, Law Coll, Belgaum, Pres, Karnatak P C C, M I A (Central) Delegate to the International Conference on Trade at Geneva, 1947 and Havana, 1947, Economic and Employment Commission New York 1948, fourth General Assembly of U N, 1949, Leader of the Indian Delegation to the ECAFE Conference at Lahore, 1951, at Rangoon, 1952, at Bandung, Indonesia, 1953, Vice-Chairman, ECAFE, 1952 53, led no tax Campaign in Ankola Taluka 1930-32 Dy Minister Commerce & Industry, Govt of India, till Aug 1952 *Hobbies* Walking Swimming, Rowing and Gardening *Recreation* Reading *Publications* Books in Kannada *History of Congress* *A Primer to Constitutional History*, Editor Vijayanagar Commemoration Volume *Address* Dharwar (Karnatak), 14, Akbar Road, New Delhi

KARVE, Dattatreya Gopal, M A (Bombay) Director of Programme Evaluation Planning Commission *b* 24th Dec 1898, *Educ* New English School & Fergusson College Poona Godben Medalist, 1921, Wedderburn Scholar, 1923 Professor of History and Economics Fergusson College, 1923 35 and 1940 43, Principal, Willingdon College, Sangli, 1935 40, Principal B M College of Commerce Poona, 1943 49, Lieut and for some time Acting Adjutant, Bombay Univ Training Corps, 1924 28 Asstt Commandant, Poona Civic Guards, 1940 45, Fellow, Univ of Bombay, President Indian Economic Assen, 1945, Chairman, Bombay Administrative Enquiry Committee 1948 Chairman Madhya Bharat Co operative Planning Cttee 1952, Executive Editor Bombay District Gazetteers (Revision), 1949 52 *Publications* Two Marathi books on Principles of Economics and Indian Economic Problems 1927 29 *Federations, a study in Comparative Politics*, 1933 *Poverty and Population in India* 1937 Edited, Historical and Economic Studies 1941, *Ranade, The Prophet of Liberated India* 1942 *Indian Population* 1948, *Public Administration in a Democracy* 1950 *Address* Summer Queen Arthur Bunder Road, Bombay 5

KATARI, Commodore Ram Dass, I D C I N, Deputy Commander in Chief and Chief of Staff Indian Navy, since March 1954 *b* Oct 8, 1911, *s* of late S V Naidu, Civil Engineer, Hyderabad (Deccan) and Smt S V Naidu *m* Smt [illegible] Chalam, Sept [illegible] one *s* and on Mahboob Secunderabad Coll Hyd Training Ship [illegible], Bombay Hydrographic River Survey for a few years, then Indian Navy War Service in Atlantic and Indian Oceans several sea commands since Chief of Personnel at Naval Headquarters 1949 51 Imperial Defence College, London 1953 *Recreation* Tennis *Clubs* Delhi Gymkhana Club, Delhi, Defence Services Club, New Delhi, National Sports Club of India *Address* Naval Headquarters New Delhi

KATJU, Dr Kailas Nath, M A, LL D D Litt, Home and States Minister Govt of India, since May 1952 *b* June 17, 1887 *m* Rup Kishori, *d* of Pandit Niranjan Nath Kaul of Jodhpur, who died in 1944, *Educ* Bari High School, Jaora (C I), Forman Christian College, Lahore, Muir Central College Allahabad Practised at Kanpur (1908 14) joined High Court Bar Allahabad 1914, LL D, Allahabad Univ (1919), Advocate Allahabad High Court (1921), member, Council of U P C C and A I C C till 1946, elected Chairman Allahabad Municipal Board (1935 37) Chancellor, Prayag Mahila Vidyapith, Pres, Allahabad Dist Agri Assoc Editor, Allahabad Law Journal (1918 46) member Executive Council, Banaras Hindu Univ, and Constituent Assembly of India (1946 47), Minister of Justice, Industries and Development, U P Govt, 1937 39 and April 1946 to Aug 1947 Imprisoned for 18 months in connection with Civil Disobedience Movement, Nov 1940, detained under D I R, Aug 1942 to April 1943 Governor of Orissa August 1947 to June 1948 Governor of West Bengal, 1948 51, Minister for Home Affairs and Law 1951 52 *Publications* A thesis on the Law relating to Criminal and Actionable Conspiracies and a commentary (with Mr S C Das) on the Codes of Civil and Criminal Procedure *Address* Home Ministry, New Delhi



KATRE, Dr Sumitra Mangesh, M A, Ph D (London), Director, Deccan College Post-graduate and Research Institute, Poona, since 1942 *b* April 11, 1906, *s* of Mangesh Krishna Katre and Radha (*nee* Kalbag) *m* Radha (*nee* Savur, *d* of Rao Saheb S Ramachandra Rao), two *d* *Educ* Ganapathi High School and Govt College, Mangalore, Presidency College, Madras, School of Oriental Studies, London Univ, Orientalisches Seminar Univ of Bonn Professor of Sanskritic Languages, N Wadia College Poona (1933 34), S P College, Poona (1937 39), Professor of Indo-European Philology, Deccan College Post-graduate and Research Institute, Poona (1939 42) *Publications* Founder Editor *New Indian Antiquary* and *Oriental Literary Digest*, and of several commemoration volumes *Formation of Konkans*, *Introduction to Indian Textual Criticism*, *Prakrit Languages and their Contribution to Indian Culture* General Editor, *Dictionary of Sanskrit on Historical Principles* *Address* Deccan College Poona 6

KAUL, Bhagirath Nath, M A Ph D (Econ) (Lond), F S S, Principal Private Secretary to the Prime Minister *b* November 26 1899, *s* of Pandit Kameshwar Nath Kaul, *m* Sharkeshwari *d* of Pandit Suraj Nath Agha, *Educ* Government College Lahore Allahabad University, London School of Economics

and Political Science Lecturer in Economics, Univ College, Rangoon, 1924 27 and Univ of Allahabad, 1931 32, Chairman, Dept of Economics, Muslim Univ, Aligarh, 1932 36, Head of the Dept of Economics Punjab Univ, Lahore, 1937, 'Specialist attached to the Financial, Economic and Transit Dept of the League of Nations, Geneva, 1937-41, since 1941 employed in various capacities in the Govt of India, Deputy Secy, Industries and Civil Supplies Dept, 1944-45, Director of Industrial Statistics, Ministry of Industry and Supply, 1945 48, Dy Secy to the Cabinet, 1948 50, Joint Secy to the Cabinet, 1950 *Publications* Various papers on economic and statistical subjects in the *Indian Journal of Economics*, *Unemployment among the Educated Classes in India* 1935 *Clubs* Delhi Gymkhana Club and East Punjab Club, Simla *Address* Prime Minister's Secretariat, South Block New Delhi

KAUL, Mahendra Kishan, B A (Punjab), M I S I (Lond), Senior Dy General Manager, Northern Rly, since July 26 1952 *b* May 1905, *s* of late Raja Hari Kishan Kaul, C S I, C I E, *m* Brij Kumari, *d* of T N Tankha, Mussoorie, *Educ* Government College, Lahore, took training in the Tata Iron & Steel Co, Ltd, Jamshedpur, and Scindia Steam Navigation Co Ltd, Bombay Joined the former B B & C I Railway in the Stores Dept as Asstt Supdt of Stores, 1927, elected Chairman, reconstituted elected Municipal Committee, Ajmer 1939, Vice President, B B & C I Rly Metre Gauge Athletic Assoc, 1940, re elected Chairman, Ajmer Municipal Cttee, 1941, organised the Ajmer Railway Grainshops, was Special Officer, Dec 1942 to Feb 1943, Supdt of Stores and Special Officer, March to May 1943, Controller of Railway Grainshops, Northern Zone, June to October 1943 Supdt of Stores, Ajmer, November 1943 to March 1944 Officiating Dy Controller of Stores, former B B & C I Rly, March 1944 46, Offg Controller of Stores, former B B & C I Railway, on three occasions, 1946 48, Dy General Manager (Grainshops), Sept 1948 49, Dy General Manager (Staff) April-Aug 1949, Controller of Stores, B N Rly, 1949 52 Officer on Special Duty and Senior Dy General Manager designate, Northern Railway, April 1952, Pres, Northern Rly Sports Assoc, since 1953 *Address* Willingdon Sports Club, Bombay, Baroda House New Delhi



KAULA, Bal Krishna, Home & Finance Minister, Ajmer State *b* June 18, 1903, *s* of late Pt Iqbal Krishna kaula, *m* Smt Vishnu Maya two *s* and one *d*, *Educ* Meerut studied upto B A Branch Secy, Lakshmi Insurance Co Ltd, Ajmer, 1929, became associated with Congress work in this provinc[illegible]r during the indi[illegible] of 1940, courted [illegible]ction with freedom movement, undertook a fast unto death during detention for the vindication of ordinary human rights of convicts [illegible] up the fast after 24 days on the [illegible] of Mahatma Gandhi, has been mc[illegible] (and A I C C, was mainly respo[illegible] for granting constitutional status to Ajmer as a Part C State, and giving a Leg Assembly, elected to the Assembly from a double constituency of Ajmer City in the General Elections *Address* Srinagar Road, Ajmer

KAUSHAL, Lachhman Dass, B A (Hons), LL B, Advocate, Patiala Ex Minister, PEPSU, *b* June 28, 1914, *m* Shrim Jamuna Bai, two *s* and two *d*, *Educ* Mohinders Coll, Patiala University Law Coll, Lahore Practised at the Patiala High Court Bar, from 1937, returned unopposed to Patiala Municipal Cttee, 1946, Chairman, Finance Sub Cttee, took part in social and political movements, General Secy, Lok Sewak Sabha, Minister for Law, Legislative and Local Self Govt Jan 1949—May 1951 *Publications* Technical Law Dictionary in Hindi and Punjabi *Recreation* Reading *Address* Advocate, Near Arya Samaj, Patiala

KAY, Sir Joseph Aspden, Kt (1927), K B E (1948), J P, F I C S, Managing Director, W H Brady & Co, Ltd



b 20th January 1884, *m* Mildred, second *d* of late J S and R A Burnett of Rowsley, Derbyshire, 1928, (*d* born 17th October, 1934), *Educ* at Bolton, Lancashire Came to India to present firm, 1908 Managing Director and Chairman of Board of several Companies under their control, Chairman, Bombay Millowners' Association, 1921, 1922, 1935, and Employers' Delegate to International Labour Conference, 1923, Officer in Bombay Light Horse, Vice-President, Chamber of Commerce, 1925, President, 1926, Vice President, Indian Central Cotton Committee, 1925, 1926, 1931, 1932, Chairman, Back Bay Enquiry Committee, 1926, Chairman, Prohibition (Finance) Committee (Bombay), 1926, *Member*, Indian Council of Agricultural Research *Residences* Benarth Hall Conway, North Wales, and Wilderness Cottage, Nepean Sea Road, Bombay *Office* Veer Nariman Street, Bombay

KELAPPAN, KOYAPPALLI, B A (Madras) M P *b* 1890 *s* of Thenpoyil Kanaran Nayar and Koyappalli Kunhamma Amma *m* Thondiyil Punathil Ammalu Amma (deceased), one *s*, T P Kunhiraman Kidav, *Educ* Privately, Mission L S School, Quilandy, B & M P High School, Tellicherry, Zamorin's Coll, Calicut, Christian Coll, Madras, Govt Law Coll, Bombay Began life as a teacher at Changanachery, then at Ponani, helped found the Nayar Service Society at Changanachery, was its founder pres, the first headmaster of the school started under the auspices of this new Society, has been a keen Congress worker in Kerala, incarcerated twice during the Mopla Riots, led the Vaikom Satyagraha in Travancore to establish right of way for Harijans, 1924, the first band of Salt Satyagraha volunteers in Kerala, 1930 and the Guruvayur Satyagraha to establish the right of worship for Harijans, was the first person in Kerala to offer individual satyagraha, 1940, imprisoned in Aug 1942 and released, 1946, was Pres, Malabar District Board for a term, has several times been elected Pres or Secy of the Provincial Congress Cttee, sponsored the 'Mathrubhumi' (Malayalam) daily to propagate nationalist views, was its Editor for some time, founded the Harijan school and boarding home at Mudadi, 1925, Resigned from Congress to form an opposition party along with Acharya Kripalani 1950, elected member, House of the People, Jan 1952 *Address* C/o Mathrubhumi," Kozhikode

KELAVKAR, Colonel Madhav Krishna, I M S (Retd), M B B S (Bom), M R C P (Edin), D T M & H (England), M B E (Military) (1922), O B E (Civil) (1944) Director of Medical & Health Services, Rajasthan since April 1951 *b* April 30, 1893 *m* Malatibai *Educ* Grant Medical College, Bombay, Edinburgh Univ, School of Tropical Medicine, London Commissioned in the I M S as Lieutenant, August 1919, promoted Captain, 1922, Major, 1931, Lieut Colonel (Substantive), 1939 Colonel Feb 1951, Dy D G I M S and the [illegible] Controller to the Govt of India [illegible] *Member, Advisory & Planning* [illegible] Medical History of the World [illegible]ured Nov 30, 1950 appointed [illegible] Red Cross Hospital Services after [illegible] and continued in this post till April 17, 1951, when his services were requisitioned by the States Ministry, Govt of India for Rajasthan State *Address* Director, Medical & Health Services, Jaipur

KELLOCK, James, M A, B D, D D, Principal, Wilson College, Bombay, since 1944 *b* June 9, 1889, *s* of James Kellock, C A and Anna Taylor Robb, *m* Audrey H Keet, 1920, one *d* and one *s*, *Educ* Glasgow Academy, Glasgow University, U F Church Theological College, Glasgow, Marburg University On war service with 67th Field Ambulance, R A M C, in France and Balkans, 1915-18, ordained Minister, Church of Scotland, 1919, Professor of Economics and Philosophy, Wilson College, 1920, edited [illegible]*noday*a, 1936 37 Moderator of U[illegible]h of Northern India, 1950 53, some[illegible]llow Bombay Univ, Chairman, Bombay Representative Christian Council, Pres, Bombay Auxiliary Bible Society of India & Ceylon, Bombay Tract & Book Society, member, Bombay State Prohibition Bd, Bombay S S C Exam Bd Bombay Prov Bd for Anglo-Indian Education *Publications* *Life of M G Ranade* (1926), *The Social & Economic Environment of the Indian Christian Population in Bombay City* (1939), a Marathi translation of part of Pakenham Walsh's *Lights & Shades of Christendom* (with N L Harshe, 1940), *The Training of Pastors & Christian Workers* (with P D Devanandan & R B Desai, 1943) *Recreations* Swimming, Tennis and Golf *Address* Wilson College, Bombay 7

KESAVAN, C, B A, B L (Madras), Ex Chief Minister Travancore Cochin *b* June 1891, *m* Smt K Vasanthi, *d* of C V Kunjuraman, Journalist and Politician of Kerala, two *s* and two *d*, *Educ* Quilon, Ernakulam and Trivandrum Was teacher in his native village, started legal practice at Quilon, was interested in Co operative Movement, became General Secy S N D P Yogam, took to politics, courted jail many times, was Minister in the first Travancore Ministry, was Pres, Travancore State Congress, unanimously elected leader of majority party, March 1951 *Recreations* Music and other fine Arts *Address* Cliff House, Trivandrum

KESKAR, Dr Balkrishna Vishwanath, D Litt (Paris), 1935, Minister for Information and Broadcasting, Govt of India, since May 1952 *b* 1903, *s* of Vishwanathrao **Keskar**, *Educ* Poona, Hyderabad, Banaras (Kashividyapith) and Paris Active Congress worker in the U P since 1922, took part in all the movements started by the Congress, member, Council of the U P Provincial Congress Cttee, General Secy, Indian National Congress, 1946, elected to the Constituent Assembly from U P, Jan 1948, India's official delegate to Inter-Parliamentary Conference at Rome, Sept 1948 Member, Indian delegation to the U N Gen[illegible]ssembly, 1950, widely travelled in A[illegible]rope and the Far East, elected to [illegible] of the People from Sultanpur Dist (U P) Feb 1952, Dy Minister for External Affairs, 1948-52 *Publications* Has contributed regularly articles to the Press on national and international topics, *Recreations* Photography, Hiking and Music *Address* 8, Hastings Road New Delhi

KETKAR, G V, B A [illegible]r, *Kesari* and *Mahratta* *b* Aug 8, 1898, *s* of late V G Ketkar, Advocate, Nasik, *m* late Mrs Saraswatibai Ketkar, Mrs Alva Redmond (Converted Hindu Amalabai), 1950, three *s* and one *d*, *Educ* Nasik, Poona, Bombay Pres, Maharashtra Prov Congress C[illegible] 1932, member, Maharashtra Civil [illegible]nce Cttee, 1930, imprisoned for [illegible]tyagraha, 1930, Editor, *Mahratta*, 1937, Editor, *Kesari*, 1947, General Secretary, Hindu Mahasabha, 1940, resigned Editorship and trusteeship, *Kesari* and *Mahratta*,

1950 confined to Yeravada Jail under Preventive Detention Act, 1950, released on Habeas Corpus Petition to High Court 1950 *Address* 568 Narayan Peth, Poona City

KHAITAN, Matadin, Merchant *b* May 1913, *s* of Seth Bhagwandas Khaitan, Stock & Share Broker, Sugar Merchant, *m*, four *d* Is connected with various public bodies, member, Calcutta Stock Exchange Assoc Ltd, Marwari Association, Indian Chamber of Commerce, Bharat Chamber of Commerce, National Sports Club of India, All India Marwari Federation and Indian Standards Institute, Sugar Section, Secretary, Marwari Relief Society, Calcutta (1943) (1950) (1951), President, Bengal Sugar Merchants' Assocn (1946 49 & 1952), Director Sugar Distributing Syndicate Ltd, Rajendra Sugar Ltd Bharat Manganese Ltd, Chairman Sugar Distributors Ltd, Managing Director, Matadin Khaitan & Co Ltd, Hind Sugar Co Ltd, Member, Local Advisory Cttee, E I Rly (1946), Assessor to Sugar and Confectionery Trade Panels of the Railway Rates Tribunal, Vice Pres, Barabazar Dist Congress Cttee, Pres, Yugantar Club *Address* 9, Ramkumar Rakhit Lane Calcutta



KHAITAN, Motilal, Chairman Board of Directors Bata Shoe Co Ltd Calcutta *b* July 19, 1906 *Educ* B A (Cal Univ), Attorney at Law Member, Indian Airlines Corporation Director Associated Hotels of India Ltd, Chowringhee Properties Ltd, Shree Digvijava Woollen Mills Ltd South India Insurance Co Ltd etc, travelled extensively in Europe, United Kingdom, United States of America, Far East, Australia New Zealand Japan, etc *Address* 226/1 Lower Circular Road, Calcutta 20



KHAMBATA Phirozesha K, Proprietor Pioneer Manufacturing Co, Manufacturers of distempers, Coloured Clays and the like, Imperial Soda Factory, etc *b* 1891 *m* Dhanbai R Billia of Karachi *niece* of late K B Mama, one *s* and two *d* *Educ* Gujarat Coll upto B A A keen Free Mason of 33 years standing, Past Master of Lodge Salem 563 and Treasurer P Hon Deputy Grand Master, was the first Principal Chapter Connaught 215 and P Hon Deputy Grand Supdt Ex-member Managing Cttee, Parsi Panchayat and Baroce Jashe Ruze Behram, takes keen interest in indigenous industries *Recreation* Billiards *Clubs* W I A A Club, Bombay and Parsee Gymkhana (Founder member) *Address* Near Gujarat College, Lills Bridge, Ahmedabad



KHAN, Mr Justice Abdul Hakim, M A, LL M (London), Bar-at-Law, Judge, Madhya Bharat High Court, Gwalior *b* March 23, 1905, *s* of Abdul Karim Khan, Law Member, former Gwalior State, *m* Bilqis Begum, three *d*, *Educ* St Peter's Coll, Agra, Muslim Univ, Aligarh, Univ Coll, London, Lincoln's Inn Practised at the Bar, entered Gwalior service as Pulsne Judge, 1931, acted as Chief Justice, officiated as Law Member, became Senior Member, Judicial Cttee, Huzoor Darbar, Gwalior, C I *Recreations* Walking, Tennis, Shooting *Club* Jiwaji Club, Gwalior, C I *Address* Morar, Gwalior

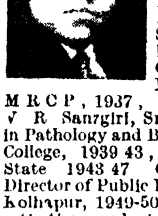
KHAN, Janab K Shamsuddin, B A, Retd Director of Sericulture, Mysore, Chairman Mysore Spun Silk Mills Ltd, Channapatna *b* Dec 15 1894, *s* of Janab K Abdul Wahab Khan *m* Begum Zainub Shamsuddin, six *s* and one *d*, *Educ* Govt Central Coll, Bangalore Research Scholar in Sericulture, Japan, May 1928 to Aug 1930, visited Europe in connection with Spun Silk Mills, 1937, deputed again to Japan by Central Govt 1950 deputed to Ceylon by Govt of India under Colombo Plan, Feb March 50 *Clubs* Century Club, Bangalore *Address* Kaliappiyan Extension, Bangalore 2



KHAN, Mohommad Ismail, B A (Cantab), Barrister-at-Law, Zamindar & Politician *b* 1886, *s* of Nawab Mohommad Ishak Khan of Jehangirabad, *m* Ashraf Zamani Begum, three *s* and six *d*, *Educ* Tonbridge School (Kent) and St John's Coll, Cambridge, Inner Temple, London Member, Central & Provincial Legislative Assemblies, twice Vice-Chancellor, Muslim Univ, Aligarh, Pres Central Khilafat, U P Muslim League, Member, Central Muslim League Working Cttee, delegate on behalf of Muslim League at the conference of the Cabinet Mission in Simla *Recreations* Tennis, Billiards *Address* Mustafa Castle, Meerut, U P

KHAN, Shah Nawaz, Chiefs Colleges Diploma, M P, Parliamentary Secretary, Ministry of Railways and Transport, Govt of India *b* Jan 24, 1914, *m* Smt Karimjan, two *s* and two *d*, *Educ* Prince of Wales Royal Indian Military Coll, Dehra Dun, Indian Military Academy, Dehra Dun, took Chiefs Colleges Diploma, 1940 Commissioned as 2/Lt in the Indian Army in 1/14th Punjab Regt, Feb 1935, promoted Actg Capt, Oct 1939, proceeded Overseas, Jan 1941 joined Azad Hind Fauj of Netaji and promoted Major General 1943, principal accused in the Red Fort Trial of the I N A, elected M P from Meerut *Publications* *I N A and its Netaji* *Recreations* Shooting, Farming *Address* 1 Canning Lane New Delhi

KHANOLKAR, Dr Prakash Dhondji, M D (Bom), B M S (1), Civil Surgeon, Belgaum since Aug 21, 1950, Vice Pres, Red Cross Society, Belgaum, Pres, Belgaum Rotary Club member Infant Welfare Centre, Children's After Care & Probation Remand Home, Medical Officer & visitor to Hindlga Jail *b* March 28, 1913, *m* Shri Prema Walawalkar (deceased), May 30, 1935, five *s* and two *d*, *Educ* Elphinstone High School, Elphinstone College and S G S Medical College, Bombay House Physician G T Hospital under Dr N K Sahar, M D, M R C P, 1937, House Surgeon under Dr V R Sangiri, Sr Surgeon 1938 39, Tutor in Pathology and Bacteriology, S G S Medical College, 1939 43, Pathologist to Kolhapur State 1943 47 Chief Medical Officer and Director of Public Health, 1947, Civil Surgeon, Kolhapur, 1949-50, takes great interest in activities conducive to the improvement of public health and general welfare of the poor and needy, was responsible for the early prevention of the spread of a curious type of plague in Kolhapur, 1947, as Dir of Rotary Club, organised Blood Bank in Belgaum, Dir, Rotary Club Belgaum, Vice Pres, Leprosy Relief Assocn, Red Cross Assoc, Belgaum Branch, Secy, St John Ambulance Assocn, Belgaum Branch *Recreations* Bridge and Outdoor games *Address* Civil Surgeon, Belgaum



KHARE, Dr Narayan Bhaskar, B A, M D, M P, ex Chief Minister, Madhya Pradesh *b* 1884 M P Medical Service, 1907 16, resigned from Govt service, 1916, Member, Leg Council, M P, 1925-29, imprisoned in 1930 C D Movement, M L A (Central), 1935 37, where he placed on the Statute the Ariya Marriage Validation Bill, First Prime Minister of M P, 1937 38, resigned on account of differences with Mahatma Gandhi and the Congress Working Cttee on the issue of democracy in the Congress, member, Viceroy's Executive Council, Dept of Commonwealth Relations May 1943 to June 1946, represented Alwar State in the Constituent Assembly of India but was made to resign when his services as Prime Minister of Alwar were dispensed with on suspicion in February 1948 after the assassination of Mahatma Gandhi, elected Pres, All India Hindu Mahasabha at its Calcutta Session Dec 1949 and Poona Session, Dec 1950 and Jaipur Special Session, April 1951, elected to House of People *Address* Indira Mahal, Dhantoli, Nagpur M P

KHEDKER, V R, M Sc (Banaras), Director, Indian Bureau of Mines (Ministry of N R & S R) *b* Oct 22, 1912, *s* of late Dr R V Khedker, I M S, M D, F R C S, D P H, L M etc, *m* Smt Fatini Mazumdar, one *s* and one *d* *Educ* Banaras Hindu Univ Joined Geological Survey of India, 1936, worked in almost all the provinces in India mainly on economic and strategic minerals and their utilisation in industry *Publications* Monograph entitled *Mineral Resources of the Damodar Valley and adjacent region and their utilisation for industrial development*, several other papers *Recreations* Rowing, Tennis etc *Clubs* Lake Club Calcutta *Address* Indian Bureau of Mines, Ministry of Natural Resources & Scientific Research, New Delhi

KHER, Atmaram Govind, B A, L L B, Speaker, U P Leg Assembly *b* September 25, 1894, *m* S Shanta Bai, *Educ* Jhansi, Hindu Central College, Banaras, and Law College, Allahabad Chairman, Municipal Board, Jhansi for 3 terms, member, District Board, Jhansi, for ten years twice member, Legislative Assembly, member, District, Provincial and All India Congress Committees, several times, imprisoned for political activities five times, twice Parliamentary Secretary to Minister of Health and Local Self-Govt, Minister for Local Self Govt *Address* 13, Mall Avenue, Lucknow

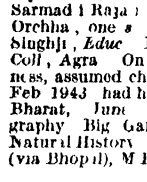
KHER, H E Bal Gangadhar, B A, L L B, High Commissioner for India in U K *b* 1888 *Educ* Wilson College, Vurjeewandas Madhavdas Sanskrit Scholar, Bhawoo Daji Prizeman Dakshina Fellow Enrolled as Vakil, 1912, Solicitor, 1918, Partner, Manilal Kher Ambalal & Co, Solicitors ex Director, Bombay Mutual Life Assurance Society, Ltd, has taken active part in politics since 1922 was Secretary of Swaraj Party, was Secretary of the Bardoli Satyagraha Inquiry Committee member, All-India Congress Committee sentenced to eight months rigorous imprisonment and fine, 1930, again arrested, 1932, sentenced to two years rigorous imprisonment and fine, ex President, Harijan Sevak Sangh Maharashtra Founder, Bombay Legal Aid Society, Chairman Shradhanand Anath Mahilashram, Prime Minister, 1937 39, arrested and imprisoned under Defence of India Act 1940, and again in August 1942 released July 14, 1944, Founder member, Adivasi Seva Mandal, a society for rendering service to the aboriginal tribes, member, Bombay Suburban Social Service League, Pres, Balkanji Bari—All-India Children's Assocn, [illegible] A, Bombay from the University [illegible]ey and Leader, Bombay Legislature [illegible] Party, March 1946, member Constituent Assembly 1946 50, Chief Minister, Bombay, 1946 52, member, Council of States, 1952 *Address* 'Alaka, 14th Road Khar Bombay

KHETRI Raja Bahadur Sardar Singh of, M A (Cantab), Bar at Law, M P *b* March 16, 1920, *s* of Raja Bahadur Amar Singhji, *m* Rajkumari Bhuban Rani Lakshmi

3rd [illegible] Commanding Genl Singha [illegible] Jung Bahadur Rana of Nepal, [illegible] 1948 *Educ* Chillon Coll, [illegible] nax, Mayo Coll, Ajmer and Corpus Christi Coll, Cambridge where he was President of the Majlis Called to the Bar, 1941, elected member, Jaipur Legislative Council, 1945, member, Indi[illegible] nt Assembly and Parliament repr[illegible] our State and Rajasthan 1947 52 H H the Rajpramukh of Rajasthan, 1949 elected member, Council of States 1952 *Clubs* National Sports Club of India Delhi Gymkhana Club, Willingdon Club, Bombay, Rajputana Club, Abu Jaipur Club, Royal Automobile Club London *Address* Khetri Jaipur (Rajasthan)

KHILCHIPUR, His Highness Yashodharsingh, the Raja of, Junior Up Rajpramukh of Madhya Bharat *b* March 6 1918, *s* of His Highness Raja Rao Bahadur Sir Durgansal Singhji K C I E of Khilchipur, Head of the illustrious Chouhan clan of Rajputs, *m* the sister to His H[illegible] [illegible] Mahendra Maharaja Sir Vir Sin[illegible] Bahadur K C S I Sarmad i Raja [illegible] nd Maharaja of Orchha, one *s* [illegible] Kumar Bhartendra Singhji, *Educ* Daly Coll Indore St Johns Coll, Agra On the death of His late Highness, assumed charge of the Khilchipur State Feb 1943 had his State integrated in Madhya Bharat, June 1948 *Recreations* Photography Big Game Shooting and Study of Natural History *Address* Palace, Khilchipur (via Bhopal), M P

KHIMJI, Bhawanji Arjan, M P, J P, Cotton Merchant *b* 1902, at Khamgaon (M P), *s* of Arjan Khimji, *Educ* privately Partner, Arjan-Khimji & Co, since 1922, Director Arjan Khimji Ginning and Pressing Co Ltd, The Sindu Resettlement Corp Ltd [illegible] several year[illegible] Cott[illegible] Bomb[illegible] & Mucadams 1935 50 member[illegible] Cttee, Indian [illegible] Chamber since 1932 Pres for 1949 and now Trustee, Member Kandla Port Advisory Cttee and Indian Central Cotton Cttee, M L A Bombay 1937-52, represented the Assembly on the Advisory Cttee of the G I P Rly, 1937 42 member, Constituent Assembly of India, representing Kutch, member, Kutch Advisory Council, Trustee of several Charitable and Educational Trusts in Bombay State, Member and Hon Treasurer, B P C[illegible] [illegible]75 52, *member*, A I C C, Pres, [illegible] Hon Presidency Magistrates, Bo[illegible] 1951-52 imprisoned for part in freedom struggle, 1932 1940 41 and 1942 44 member Indian Parliament from Kutch since 1952 Pres Kutch P C C, 1953 *Clubs* Matunga Gujarati Club Cricket Club of India Bombay Presidency Radio Club *Address Residence* 'Saroj Sadan', 297, Sir Balachandra Road, Matunga Bombay *Office* 17 Sir Phirozeshah Mehta Road Fort Bombay



KHORY, Ardeshir Maneckji, B A, LL B Assistant Collector of Sales Tax, Bombay, since 1949 Born of a leading Parsi family in Central India (Madhya Bharat) Is the *s* of the Judicial Minister of the former Dhar State and the *g s* of late Khan Bahadur N M Khory, Prime Minister in Sailana, Barwani and Dhar States in succession, *Educ* Had a brilliant educational career, having stood First Class First in his College in the Law Final Examination, qualified in the Indian Civil Service Examination Earned a good record in sports having won several trophies in College and Inter Collegiate tournaments in Tennis, Badminton Table Tennis, etc Is one of the youngest amongst the Parsis to hold such a responsible post *Address* Baruchia House, Garden Road, Colaba Bombay



KHOSLA, Mr Justice Gopal Das, B A (Hons) (Cantab), Bar-at Law (Lincoln's Inn), I C S, Puisne Judge, East Punjab High Court *b* Dec 16, 1901, *s* of R S Murarilal Khosla, Retd Dist & Sessions Judge, *m* Shakuntala, *d* of *R B* Bawa Natha Singh, Retd Chief Engineer, Punjab, three *s* and one *d* *Educ* St George's College, Mussoorie, Emmanuel College, Cambridge Dist & Sessions Judge (1930), Puisne Judge, Lahore High Court (1944) *Publications Stern Reckoning, Our Judicial System*, Short stories and articles *Recreations* Writing, Sport, Carpentry *Address* Knockdrin, Simla

KIDWAI, Mr Justice Mubashir Hosain, M A (Cantab) Bar at Law, Judge, High Court, Allahabad since 1948 *b* Aug 17, 1899 *s* of late Mushir Hosain Kidwai, Bar at Law, *m* Zakia Sultana, *d* of late Shahid Husain, three *s* and two *d*, *Educ* Colvin Talukdar's Coll, Lucknow, Clifton Coll and Trinity Coll, Cambridge Started practice at the Bar at Lucknow 1920 Member U P Leg Assembly, 1937 45 Member, U P Leg Council, 1946 Judge, Chief Court of Oudh, 1946 *Recreation* Agriculture *Address* Mushir Manzil, Hopling Road Lucknow

KIDWAI, Rafi Ahmad, Minister for Food and Agriculture, Govt of India, since May 1952 *b* Feb 1894, *s* of late Khan Saheb Sh Imtiaz Ali, *Educ* Graduated in 1920 Gave up further studies to join the non co-operation movement, 1921, his sentence [illegible] as Secy to [illegible] Nehru, elected M L A, Centre, 1926, Chief Whip of the Congress Party in the Central Leg, 1926 29, resigned in 1929 in response to Congress call for boycott of legislature, joined C D Movement, 1930 was arrested and jailed for 6 months for organising a 'No Tax' campaign among the peasant, of Rae Bareli, elected General Secy, U P P C C, 1931, was imprisoned, 1932-34, after his release in 1934, started an agitation against the moderate policy of the Congress Working Cttee and advocated non-acceptance of office under the 1935 Act elected Pres, U P P C C, 1935, subsequently elected member, U P Leg Assembly, Revenue Minister, U P, 1937 39, acted as Premier on several occasions, resigned as a result of the 'Anti-war Policy' of Congress, 1939, arrested and detained, 1940 41 and 1942-45, Home & Revenue Minister, U P, 1946-47, member, Congress Working Cttee, 1947 51, Communications Minister, Govt of India, 1947 51 *Address* Barabanki, Uttar Pradesh, Secretariat, New Delhi



KING, Raymond Maltravers, Director, Best & Co, Ltd, Madras *b* Oct 11, 1908, *s* of Capt A M King, D Sc and Mrs King, *m* Pamela Patricia Percy, one *d* *Educ* Dulwich Coll England Entered with Best & Co Ltd [illegible] during World War II [illegible] Golf *Clubs* [illegible] [illegible] [illegible] [illegible], East India [illegible]s Club, St James's Sq, London Best & Co Ltd, P O Box 63,

KIRLOSKAR, Shankar Vasudev, General Manager, Kirloskar Brothers, Ltd *b* Oct 8 1891, *s* of Dr Vasudevrao, Sholapur and Smt Laxmibai, *m* Smt Parwatibai *d* of Dr T N Purohit, Bombay, one *s* Mukunda, Editor, Kirloskar magazines and one *d*, Malati M A Professor *Educ* Sholapur, Belgaum, Poona and London Started as Asstt in the Kirloskar Concern in charge of Sales & Publicity, 1914, edited Kirloskar magazines Minister for Development Aundh State Pres, Deccan Manufacturers Assoc, Sangli *Recreations* Cricket Tennis Painting Reading *Address* [illegible] Karvadi (Dist South Satara)

KIRPALANI, Motiram Khushiram, B A (Oxon) C I E (1945), Commissioner, Ajmer *b* Aug 15, 1901, *Educ* Academy, Hyderabad (Sind) and New College, Oxford Joined the Indian Civil Service, 1926, was Magistrate and Collector, Midnapore, 1934 Excise Commissioner Bengal, 1938 Secretary, Commerce Department 1945 47 Joint Secretary, Govt of India M[illegible] of States 1948, was Dy High C[illegible] for India in Pakistan, Minis[illegible] Embassy in Washington, Ambass[illegible] ordinary and Plenipotentiary in Bangkok Siam *Address* Ajmer

KISHORE, Nawal, M A, I L B, Rai Bahadur (1940), Ex Custodian General of Evacuee Property, Govt of India, New Delhi *b* Nov 4 1891, *m*, three *s*, Krishna Kishore M A, I A S Rajkishore, B A, M A (Prev) and Premkishore *Educ* Govt College, Lahore, Prize winner throughout the college career, LL B First Class First, Gold Medalist, Punjab University. Practised at Lahore High Court for 18 years, was lecturer, Law College, Lahore for about 9 years, Law Examiner, Punjab, Delhi and Rajputana Universities, Chief Justice, High Court of Jodhpur, 1936 48, and acting Chief Justice, Rajasthan High Court for about one year from Jan 26 1950 acted as Chairman, Jodhpur Representative Assembly and various committees from time to time, awarded title of Hathi Saropao by H H the Maharaja of Jodhpur 1948 Judge High Court of Dhian, Jodhpur Retired from Rajasthan Court *Recreation* Tennis *Club* [illegible]nal Sports Club of India *Address* New Delhi

KOTAH, Brig His Highness Maharajadhiraj Mahi Mahendra Maharao Raja Shri Sir Bhim Singhji Sahib Bahadur, K C S I Uprajpramukh of Rajasthan, the Maharao of *b* 1909, the ruling family belongs to the Hara Sect of Chauhan Rajputs and is an offshoot of the Bundi family, the State having come into existence about 1625 during the reign of Madho Singhji, 2nd son of Rao Ratan of Bundi *m*, *d* of His late Highness Maharaja Ganga Singhji Sahib Bahadur of Bikaner 1930 the Heir Apparent Maharaj Kumar Brijraj Singhji Sahib b Feb 21 1934 *Educ* Mayo Coll Ajmer Ascended the *gadi*, 1940 *Address* Kotah Rajasthan



KOTAK, Girdharlal Bhavanbhai, B A Ex Minister for Finance, Saurashtra *b* Oct 24, 1898, of the Kotak family of Saurashtra *Educ* Graduated from Bombay Univ, 1919 Left the Law College to join non co operation movement, established Rashtriyashala in Rajkot together with Sjt Chhotalal Mankad, 1921, arrested twice with family in 1931 32 Movement, was in Japan for 10 years and established a Congress Cttee there, has been on several Govt Cttees, is a Cotton Specialist, was Chief Organizer and Pres, All India Exporters Assocn, Dir, East India Cotton Assocn, the Export Advisory Council, Central Govt Bombay Port Cttee, Textile Cess Fund Cttee (Central Govt), Export-Import Cttee (Indian Merchants Chamber), All India Manufacturers Assocn Working Cttee, Bombay Suburban Village Industries Assocn Executive Cttee, Trustee, All India Balkanji Bari, Pres, Indian Council

of World Affairs Rajkot Branch, Vice-Pres, Saurashtra Research Assocn Convener, Bharat Sevak Samaj Saurashtra *Recreations* Hockey, Football Running, Jumping, Tennis and Cricket *Address* 'Ram Nivas', Rajkot

KOTHARI, Chandulal Motilal, B A, LL B, ex Sheriff of Madras ex Pres, Federation of Indian Chambers of Commerce and Industry, Merchant and Industrialist *b* Aug 16, 1889, *s* of Motilal Kothari Dy Political Agent, Kathiawar, *m* Mrs Rama, two *s* and one *d*, *Educ* Elphinstone Coll



Ex Vice Chairman Central Tea Board, ex Member, Madras Legislative Assembly (Planters' Constituency) International Tea Market Expansion Board, Executive Cttee of the United Planters' Assoc of Southern India ex Vice Pres, Southern India Chamber of Commerce, ex President, Hindustan Chamber of Commerce, The Madras Stock Exchange member Central Cotton Cttee, Managing Agent and Chairman Kothari Textiles Ltd, The Blue Mountain Estates Ltd, The Waterfall Estates Ltd Balmadies Plantations Ltd, Investment Trust of India Ltd, The Madras Safe Deposit Co, Ltd, The Guernsey Tea Factory Co Ltd Director The Amrutanjan Ltd, Guntur Power and Light Ltd attended International Labour Conference at San Francisco (U S A) as Adviser to Employers Delegation of India, June 1948 was member Govt of India Trade Delegation to Indonesia and South East Asian countries, Chairman, South Indian Sub Cttee, Indian Tea Licensing Cttee *Publications Investors Encyclopædia Recreation* Bridge *Clubs* The Cosmopolitan Club The Madras Gymkhana Club, The Madras Race Club, The Presidency Club, The Calcutta Club, The Cricket Club of India, The Connoor Club *Address* Kothari & Sons Oriental Buildings, Armenian Street, P B No 267, Madras

KOTHAVALA, Tehmasp Tehmul, M A B Sc, C I E (1944), ex Inspector-General of Prisons, Inspector-General of Registration and Director of Land Records, Govt of Bombay *b* Feb 26, 1893, *s* of Tehmul R Kothavala, *m* Shernaz M Disana, two *s* and one *d*, *Educ* Baroda and St Xavier's Colleges, Bombay Provincial Civil Service, Bombay, 1919, Collector, West Khandesh 1925, Special Administrator, superseded Sholapur Local Board, 1927 Under Secy, General Department, 1929, Collector, Surat, 1931, Collector, Sukkur, 1935, Secretary, Revenue Department, 1936, Revenue Officer, Lloyd Barrage, 1938, Collector, Sukkur, 1939, Provincial Motor Transport Controller, 1941, Settlement Commissioner, 1947 *Address* 7, Ahmednagar Road, Yeravda, Poona

KOTHAWALA, Lt -Col Jamshed Dorabsha, Governor, Rotary International 54 Dist, Commander Brother, the Most Venerable Order of St John Justice of the Peace and Hon Presidency Magistrate, A I R O (Retd), Director, Polson Ltd, Polson Agencies Ltd, Adsites Ltd, Sistas Ltd, Solar Batteries & Flashlights Ltd *b* Sept 4, 1893, *m* Ter Polson, 1928 Pres, Cosmopolitan Ambulance and Nursing Divs, St John Ambulance Brigade Freemason Past Master, S C and E C Past Pres, Rotary Club of Bombay and Assoc of Indian Industries, Past Master, Bombay Presidency Trades Assoc, Past Vice Pres, All India Manufacturers Organization member, Indian Merchants' Chamber Managing Cttee Div Rly Users Consultative Cttee of the Central Rly, Member representing Trade Interests nominated by Governor General-in Council on Indian Coffee Cess Cttee, 1935 40, attended Rotary International Convention Nice, France, 1937, R I Assembly and Convention, U S A 1954, represented Bombay District at the Golden Jubilee, St John Ambulance Brigade in London 1937 presented at His Majesty's Levee, London, 1937 and to the President of India, 1952 Mrs Kothawala presented at Court, 1937 called to Army service, 1940 43, Mentioned in Dispatches by order of the King for gallant and distinguished service with Middle East Forces *Clubs* Willingdon Royal W I Turf, United Services Ripon, C C I, Radio, W I A A National Sports Club of India *Address* Grosvenor House Pedder Road Bombay 26



KRIPALANI, Acharya J B, M A (History and Economics), M P, Chairman, Praja Socialist Party, Director of the Shri Gandhi Ashram Village and Khadi Organisation in the States of U P and Delhi *b* 1888 General Secretary of Indian National Congress 1934 to June 1946 elected Pres, Indian National Congress, Oct 1946, resigned Nov 1947, *Educ* M A, 1912 Professor in Bihar under the Calcutta University, 1912-17, joined Mahatma Gandhi in Champaran Satyagraha, 1917, was with him in Kaira (Gujarat), worked as Private Secretary to Pandit Madan Mohan Malaviya, 1918, Professor of Politics in the Benares Hindu University, 1919, left the University and started Khadi and Village work, 1920, through the Gandhi Ashram, Benares, in charge of the Gujrat Vidyapith as Acharya (Principal), 1922-27, for the ninth time arrested and imprisoned under Defence of India Rules in Aug 1942 Released on 15th June, 1945, Member, Constituent Assembly of India, 1946 51, formed the Congress Democratic Front, 1951 founded "Vigil, Independent Political Weekly, 1950 resigned from Congress and formed Krishak Mazdoor Praja Party, 1951, merged K M P P with the Socialist Party, Oct 1951 *Publications The Gandhian Way, The Non Violent Revolution, The Indian National Congress, The Politics of Charkha, The Future of the Congress, The Fateful Year, Gandhi the Statesman The Latest Khadi Basic Education Address* Shri Gandhi Ashram, Meerut

KRISHNAMACHARI, Tiruvallur Thattai, Minister for Commerce and Industry Govt of India, since May 1952 *b* Nov 26 1899 *m* Srim Rajammal (died 1931), *Educ* Madras Christian College Madras Entered business, 1921, was elected representative of the Indian Commerce Constituency to the Madras Leg Assembly 1937 and played a prominent part in legislative and other work in the Madras Assembly during the time of the Congress Ministry has been taking keen interest in the Indian mercantile organisations in the Madras State and the economic life of the State in general, elected to the Central Assembly in October 1942 in bye election for Tanjore-Trichinopoly non Mohammedan Rural Constituency and was a prominent member in the last Central Assembly, elected Pres of the Madras Maha jana Sabha for the year 1946 47, elected member, Constituent Assembly of India, 1946, member, Drafting Cttee of the Indian Constitution was a member of the Indian Financial del[illegible] that visited London 1948 *Addre*[illegible] w Delhi



KRISHNAMACHARI, Sir V T, B A, B L (Madras) K C S I K C I E, Deputy Chairman National Planning Commission, since Feb 1953 *b* Feb 8 1881, *s* of Vangal Thiruvenkatachari, *m* Srim Rangammal (awarded Kaiser i Hind Gold Medal 1935) three *s* and two *d* *Educ* Presidency Coll Madras Entered the Madras service, April 1903, Under Secy to the Govt (1916 18), Special duty on Montague Chelmsford reforms (1918-19) Collector (Ramnad Dist) Secy to the Govt of Madras (1924-27) services lent as Prime Minister, Baroda State (1927 44), Delegate to the League of Nations, 1934 and 1936, attended all the Round Table Conferences in London was member, Reserve Bank Cttee, Federal Finance Cttee, etc, Adviser to the Imperial Conference, 1937, Chairman Cttee of Ministers, Chamber of Princes, 1940-44 Delegate to the San Francisco U N Conference, 1945, the Preparatory Commission and the first session of the General Assembly (1945 46), Prime Minister of Jaipur (1946 49), Member, Indian Delegation for the Sterling balances talks in London (June 1948), Chairman, Indian States' Finance Enquiry Cttee (1948-49), Vice Pres, Constituent Assembly (1946 49), Chairman Indian Fiscal Commission (1949 50), member National Planning Commn 1950 53 *Publications* Speeches *Recreations* Tennis Golf *Clubs* National Liberal Club, London, Cosmopolitan Club, Madras *Address* 133, Lloyds Road, Madras 6 and 11, York Road, New Delhi

KRISHNAMURTHI, Dr Sundaram, B Sc (Agri), M Sc (California), Ph D (Mich St), Professor and Head, Deptt of Agriculture, Annamalai Univ, since 1951 *b* Jan 15 1911 *s* of late M D Narayanaswami Mudaliar Kollegal *m* Smt Rajamma, one *s* and three *d* *Educ* Govt Coll Coimbatore Madras Agricultural Coll, Coimbatore Univ of California (U S A) and Michigan State Coll (U S A) Curator Govt Botanic Gardens, and Parks of Nilgiris Ootacamund, 1949-51 Chairman Board of Studies in Agriculture Annamalai Univ, and member, Board of Studies in Agriculture, Madras Univ sponsored Gandhi Memorial Library at the Michigan State College (U S A) 1949 *Publications* Contributions to *Indian Farming, Madras Agricultural Journal* Ootacamund Botanic Garden (entenary Volume, *Planters Chronicle, Saturday Evening Post* (U S A) *Los Angeles Times* (U S A), *Lansing State Journal* (U S A) *Cincinnati Enquirer* (U S A), *Illustrated Weekly of India Recreations and hobbies* Music Photography, Writing, Public speaking and debating *Clubs* Nilgiri Rotary Club, Lawley Institute, Nilgiri Agri Horticultural Society, Y M C A *Address* Professor and Head, Department of Agriculture, Annamalai University, Annamalai Nagar P O, South India

KRISHNAN, Harikesanalur Ramasastri, B A (Madras) M Sc (Benares) Judicial Commissioner, Vindhya Pradesh since 1950 *b* Jan 9, 1910, *s* of Harikesanalur Ramasastri, Tirunelveli Dist, *m* Smt R Lakshmi, *d* of V Raghunathier *Educ* T H School, Ambasamudram Hindu Coll, Tirunelveli Presidency Coll, Madras, Benares Hindu Univ, Sidney Sussex Coll, Cambridge S D O and Dt Judge at different places in Bihar, Law Secy to the Govt of Orissa *Publications* Occasional articles in newspapers and magazines *Recreations* Bridge Tennis, Photography *Address* Rewa (V P)

KRISHNAN, Sir Kariamanikkam Srinivasa, Kt (1946), D Sc (Madras), Hon. D Sc (Allahabad, Delhi, Lucknow), F R S (1940) Director, National Physical Laboratory of India New Delhi, since 1947 *b* Dec 4, 1898, *m* Lakshmi Ammal, *Educ* Hindu High Schools, Watrap and Srivilliputtur American Coll, Madura, Madras Christian Coll and Univ Coll of Science, Calcutta Research Associate, Indian Assoc for the Cultivation of Science, 1923 28, Mahendralal Sircar Research Prof 1933 42, Prof, Univ of Allahabad 1942 47 Pres, National Academy of Sciences, India, 1945 and 1946 Pres, Physics Section of the Indian Science Congress 1940 and its General Pres, 1949, member, Board of Scientific and Industrial Research, and of Atomic

Commission and various committees of the Govt of India, fellow of several scientific societies and academies, Vice Pres, International Union of Pure and Applied Physics, International Union of Crystallography, Chairman, Indian National Cttee for U R S I, Liege Univ Medal, 1937 Krishnarajendra Jubilee Gold Medal, 1941, Ahdar chandra Mukherji lectures, Calcutta Univ 1940 Sukhraj Ray Readership lectures Patna Univ, 1941, Ripon Professorship lectures, Indian Assoc for the cultivation of Science, 1943, Mathur Memorial Lectures B H Univ 1948 Gackwad Lectures Baroda Univ, 1952, special lectures at Travancore Mysore, Osmania and Punjab Universities, Govt of India delegate to Royal Society Commonwealth Scientific Conference 1946 scientific deputation by the Govt of India to Europe and America, 1946, delegate to several international scientific conferences *Publications* Several papers in the Transactions and the Proceedings of the Royal Society and other scientific journals on Optics Magnetism, Physics and Chemistry of solids, particularly of metals, collaborated with Sir C V Raman in the discovery of the Raman Effect *Address* The National Physical Laboratory Hillside Road New Delhi

KRISHNAN, Maharajapuram Sitaram, M A (Madras), A R C S D I C Ph D (London) Director Geological Survey of India, since Feb 1951 *b* Aug 24, 1898, *s* of Sitarama Sastri of Maharajapuram, Madras, *m* Smt Lakshmi Krishna Iyer Ombathiveli Tanjore Dist, three *d*, *Educ* St Joseph's Coll, Trichinopoly Presidency Coll Madras, and Imperial Coll of Science and Technology, London Demonstrator in Geology, Presidency Coll, Madras, 1919 21 Geologist, 1924 45, Superintending Geologist, Geological Survey of India, 1945 48 Director, Indian Bureau of Mines 1948 51 Fellow of the National Institute of Sciences of the Indian Academy of Sciences and of several geological and mineralogical societies at home and abroad, member, Coal Mining Cttee, 1937, Chairman, Metallurgical Coal Cttee, 1950, member of several Govt Research Cttees *Publications Geology of India & Burma*, (Madras Law Journal 1943 1949), *Introduction to the Geology of India* (M L J office 1944, 1951) *Geology of Gangpur State, Orissa* (1938), *Mineral Resources of Madras* (1952), *Structural & Tectonic History of India* (1953)—the last three published as Memoirs of the Geological Survey of India, 50 other papers on geological topics *Address* Geological Survey of India Calcutta

KRISHNAPPA, M V, Deputy Minister for Food and Agriculture Govt of India *b* 1918, *Educ* Joined school at a late age, after release from imprisonment for 24 years in the Quit India' movement, passed M A Exam, joined Madras Law Coll Elected M L A, Mysore, 1944, Chief Whip Congress Party, Mysore State Assembly, 1944 52 ex Pres, Mulbagal Development Cttee, Pres Co-operative Multi purpose Society, Mysore State, Dir, State-managed Bhadravati Iron, Steel and Cement Works for 5 years member, Dist Board for 8 years, Secy, Reception Cttee, Bangalore Session of the A I C C returned to the House of the People from Kolar Gold Fields Constituency, Mysore State Parliamentary Secy, Govt of India 1952 *Address* Deputy Minister for Food and Agriculture, New Delhi

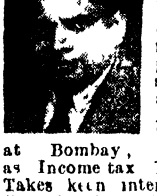
KRISHNASAMY, Dr Arcot, M A (Cantab), Ph D, Bar at Law, M P Advocate Supreme Court of India, New Delhi *b* 1914 only *s* of Sir A Ramaswamy Mudaliar, *m* in 1945, three *s* and one *d*, *Educ* Took the Hons' degree in English literature from Madras Christian Coll King's Coll, Cambridge London School of Economics Practised at the Madras bar, member, Corporation of Madras, where he established a reputation as an outstanding speaker, took to politics 1940 was mainly [illegible] or floating an English daily newspaper in Madras *The Liberator* and continued to be its leader writer till the end, was returned to the House of the People from Chingleput, is conspicuous as an outstanding critic of the Govt *Publications Indian Constitution*, 1951, articles to many economic journals *Recreation* Reading *Club* Cosmopolitan Club, Madras *Address* 9, Muniappa Road, Kilpauk Madras

KULKARNI, Shankar Balwantrao, A M, F R S A, Chief Artist Madhya Pradesh Education Department, Nagpur *b* Oct 15, 1906, *m* Nalinibai *Educ* Nagpur and Bombay Was a leading artist and designer in Sind till partition, founder, Oriental Institute of Fine Arts, and responsible for two All India Art Exhibitions at Karachi, published his paintings illustrations and commercial designs in most of the important journals of India and Pakistan, was Cartoonist to the *Sind Observer* and the *Daily Gazette*, recipient of several awards and gold medals *Publications* Contributed several articles on art and history to various journals *Children's Future Album*, *Heroines of Shah*, *Drawing Course* *Recreations* Collection of art library and Indian art curios *Address* Subhas Chandra Road, Nagpur City



KULKARNI, Trimbak Appaji, B A, S T C D, Gen Secy Social Service League Bombay, Secy, Bombay Pres Social Reform Assoc *b* Sept 5, 1882 *m* Dr Chandubai Kulkarni, M B B S, *Educ* Wilson Coll, Bombay, Secondary Teachers' Training Coll, Bombay Principal, D G T High School, Bombay, 1912-24, founded Gokhale Education Society, 1918, Principal, Hansaraj Pragji Thackersey College, Nasik, 1924 47, Fellow, Bombay Univ, 1926-46, Secy, Bombay Presidency Released Prisoners' Aid Society, 1921-24, organised District Congress Cttees in Bombay City, 1915, Secy, National Social Conference, 1915, started political movement in Bhor State, 1920, Pres, Bhor Praja Parishad, 1932, Agricultural Research Work in Jute Fibre, 1903 47, Secy Maharashtra Social Conference Executive Cttee, Chairman Gokhale Education Society, C K P Bank Dadar *Address* Sharda Mandir, Chonbal Lane Vithalbhai Patel Road, Bombay 4

KULKARNI, Uddhav Hanmant, G D A, Public Accountant and Auditor *b* Nov 28, 1906 in Satara Dist, *m* Kamaladevi Herlekar in 1934 3 *d*, *Educ* Aundh State and Bombay, passed Matriculation (1925) with distinction in Sanskrit and Mathematics, G D A, 1931 (Diploma in 1936) Joined Singer Sewing Machine Co as Salesman Articled Clerk with C H Sopariwala & Co for some time, after completing his Diploma in 1936, started his own Company as Public Accountants & Auditors, under name of "U H Kulkarni & Co, at Bombay, has earned reputation as Income tax Expert and Accountant Takes keen interest in games *Address* Commissariat Building, 231, Hornby Road, Bombay



KUMARAPPA, Joseph C, M A (Columbia), B Sc, Business Administration (Syracuse, N Y), F S A A (Lond) *b* Jan 4, 1892 Was in practice as an Incorporated Accountant in partnership in London, and then at Bombay, in charge of "Young India", May 1930—Feb 1931, was Convener of the Congress Select Cttee which issued a report on the Financial Obligations between Great Britain and India, Managing Cttee, Bihar Central Relief Cttee and also its Financial Adviser, 1934, Organiser and Pres, the All India Village Industries Assoc, Chairman, M P Govt Industrial Survey Cttee, 1939 41, Chairman, Congress Agrarian Reforms Cttee, 1948-49 *Publications Public Finance and our Poverty*, *A Survey of Matar Taluka*, *Why the Village Movement? Practice and Precepts of Jesus Christianity—Its Economy and Way of Life* *Economy of Permanence*, *The Philosophy of Work*, *Gandhian Economic Thought*, *Gandhian Way of Life*, *etc* *The Nation's Voice* (as Joint Editor) *Address* Maganvadi, Wardha, M P

KUMARAPPA, Jagadisan Mohandas, M A, (Harvard), S T B (Boston), M A, Ph D (Columbia), Director, Social Education Organisers Training Centre at Himayatsagar, Hyderabad-Dn since June 1953, Editor, The Indian Journal of Social Work *b* April 16, 1886, *m* Ratnam Appasamy, B A (Madras), M A (Punjab), First Indian Educationist to be invited on a Cultural Mission to the U S A as a State Guest by the American Government, 1944, *Educ* Harvard, Boston and Columbia Univs, specialised in Philosophy, Sociology and Education Prof of Philosophy, Lucknow Christian Coll, 1915 21, Reader in Philosophy, Lucknow Univ 1921 member Institute of International Politics, League of Nations, Geneva 1926, travelled extensively in Europe and America Prof of Philosophy and Sociology, Mysore Univ 1931, Prof of Social Economy Tata Institute of Social Sciences 1936 and its Dir, 1941, Leader, Indian Delegation International Conference of Social Work, 1948, member Expert Cttee on Criminology, U N, 1949 Member, Social Welfare Panel, Planning Commn, Govt of India, Member, Rotary Club Bombay, Vice Pres, International Conference of Social Work, Treasurer, Indian Conference of Social Work Ex Director, Tata Institute of Social Sciences *Address* Social Education Organisers Training Centre, Himayatsagar, Hyderabad Dn

KUNZRU, Pandit Hirdey Nath, B A B Sc, LL D (Hon), M P (Council of States), President, Servants of India Society, since 1936 *b* 1887, *Educ* Allahabad Univ, London School of Economics Joined the Servants of India Society, 1909 member U P Leg Council, 1921 23, Central Leg Assembly 1927 30, Indian Constituent Assembly and the Provisional Parliament, Pres East African National Congress, 1920, National Liberal Federation, 1934, Chairman, Indian Delegation to the second British Commonwealth Conference, member, States Reorganization Commission *Address* Parliament Secretariat, New Delhi

KURIYAN, George, B A (Madras), B Sc (London), Ph D (London), Professor of Geography University of Madras, since Oct 1949 *b* Nov 11, 1907, 3rd *s* of Dr K C Kuriyan, B A, M B & C M, *m* Mary, née K E Chacko, two *s* and one *d*, *Educ* C M S Coll, Kottayam, Maharajah's Coll, Trivandrum Univ Coll London Lecturer in Geography, July 1932 to April 1948, Reader in Geography, April 1948 to Oct 1949, Visiting Prof, Univ of Pennsylvania, Philadelphia, U S A, 1952 53, Vice Pres, International Geographical Union, 1948 56, as the representative for Asia and Representative of the Govt of India on the International Commission for Natural Calamities, member, Provisional International Social Science Council of the U N E S C O *Publications Hydro-Electric Power in India a Geographical Analysis* a large number of articles in the Indian Geographical Journal and in the Indian Science Congress Association *Recreations* Tennis, Chess, Bridge *Clubs* The Presidency Ltd, Madras Cricket Club *Address* "Well Close," 73, Peter's Road, Madras 6

KURUP, G Sankara, 'Vidvan' (First Class) (Madras Univ), Kavithilakan —conferred by the Maharaja of Cochin, Malayalam Professor, Maharaja's College, Ernakulam *b* June 1901, *s* of Sankara Warrier and Lakshmi Kutty Amma, *m* P Subhadra, one *s* and one *d*, *Educ* mostly privately after High School Course Joined service as teacher, 1921, served in High Schools Govt Training Institution, began publishing poems from the seventeenth year, Editor, *Kairali* for about four years, Editor, *Parisht Dwi Masikam*— the organ of the Pan Kerala Literary Academy *Publications* Poems *Sahitya Kautukam* (in four Volumes) *Poojapushpam Vanagayakan Suryakanti Navathithi, Muthukal Ithalukal*, etc, Translations *Meghachchaya* (a rendering of Kalidasa's Megha Dutha), *Vilasalahari* (Roobayyath of Omar Khayyam), One Act Plays *Iruttinumunpu, Sandhya, August Fifteenth*, etc, Prose *Gadyopaharam, Lekhamala, Rakknylukal, Rajanandini*, Biography *Hyder Ali, Tippu Sultan*, etc *Recreation* Chess *Club* P E N *Address* Maharaja's College, Ernakulam

KUSHALAPA, B S, B A Dip in Ld (Lond), Speaker Coorg legislative Assembly *b* March 8, 1896, *m* Smt Ponnama, *d* of C N Muthana, Bar at Law, two *s* and five *d* *Educ* Madras and London Retired as the Principal, Govt Coll, Coorg, Joined politics and elected on Congress ticket *Publications* Number of text books *Recreations* Gardening own coffee estate *Club* Rotary Club *Address* The Island Mercara Coorg

KUTCH H H Maharaja Dhiraj Mirza Maharao Shri Madansinhji Savai Bahadur, Maharao of *b* Oct 12 1909, *m* Maharaj Kuvari Shri Rajendra Kunver Ba of Kishengarh, three *s* and two *d*



Heir Apparent, Maharaj Kumar Shree Prithviraj sinhji is receiving education at Doon School, Dehra Dun, *Educ* Privately Transferred the administration of Kutch State to the Govt of India on June 1, 1948, on the advent of the independence of India on August 15 1947 and in pursuance of the policy followed by Rulers of the unification of their States with the Indian Union, has been given a fixed Privy Purse in perpetuity, has been guaranteed by the Govt of India the same personal rights, privileges, dignities and titles as he enjoyed as Ruler of Kutch, prior to 1st June 1948, has travelled widely in Europe, U S A and Africa has now been appointed in the Indian Foreign Service and has joined the Indian High Commission with Hon rank of Minister, is keenly interested in Indian philosophy is a tennis player of note *Recreations* Riding, Pigsticking, Shikar *Address* Bhuj Kutch

LAD, Purushottam Mangesh, B A (*Bom*), M A (Cantab), Bar at Law, I C S, J P (since 13 Aug 1949), Secretary, Ministry of Information and Broadcasting Govt of India *b* March 29, 1905, *s* of Mangesh Atmaram and Shantabai Lad, *m* Manik, *d* of S K Patkar, one *s*, Girish and one *d*, Gauri, *Educ* Sawantwadi High School, Sawantwadi, Chikitsaka Samuha High School, Bombay Elphinstone Coll, Bombay, Gonville and Caius Coll, Cambridge Assistant Collector, Asstt Judge, called to the Bar, District Judge, Secy, Legal Deptt and Remembrancer of Legal Affairs Bombay *Publications* Books in Marathi *Madhuparka* and *Krutika Recreation* Playing with children *Address* Secretariat, New Delhi The Lands End House,' Harkness Road, Malabar Hill, Bombay

LAHIRI, Mr Justice Surajit Chandra, M A, Judge, High Court Calcutta *b* June 10, 1901, *s* of Ranojit Chandra Lahiri, *m* Suprava Devi one *s* and four *d*, *Educ* Presidency Coll, Calcutta Advocate, High Court, Calcutta *Recreation* Hiking *Address* 1/3, Rup Chand Mukerji Lane, Bhowanipur, Calcutta

LAHOTI, Puranmal Surajmal, M P Textile Industrialist *b* Aug 1[illegible] Surajmal Lahoti *m* Smt Kasturi *Educ* Gulbarga Managing Dir M S K Mills Co, Ltd Gulbarga, Hyderbad (Dn) Spg and Wvng Co, Ltd Hyderabad, is a veteran Congressman gave much valuable help to national educational institutions in Hyderabad State, Founder Pres, Rajasthya Vidyalaya, donated Rs 7 lakhs for the development of national schools at Umarga and



Mominabad donated a building worth Rs 50,000 for a Girls Middle School at Latur runs it himself spending Rs 1,500 monthly gave Rs one lakh for the construction of Commerce and Science Wing in the People's Coll, Nanded *Recreations* Reading Travelling *Clubs* Poona Club Gulbarga *Address* M S K Mills Office, Begumpet, Hyderabad (Dn)

LAL, Kunj Behari Mohan, M Sc (Allahabad), M B E (1945), I F S, Director of Forest Education and Publicity & Liaison Officer Forest Research Institute, Dehra Dun *b* Jan 25, 1907, *Educ* Allahabad Univ and I F S Coll, Dehra Dun *Publications Working Plans for Sohagar and Nowgong and Cachar Divisions Club* Officers Club, Dehra Dun *Address* New Forest Dehra Dun

LAL, Shavax Ardeshir, M A, LL B, C I E (1941) Secretary to the President of India, since 1950 *b* Nov 12, 1899, *s* of Ardeshir Edulji Lal Nasik, *m* Smt Coomi, *d* of N N Master, three *d* *Educ* Fergusson Coll and Law Coll, Poona Practised law, 1926 30, joined Bombay Judicial Service, 1930, transferred to Legal Dept, Bombay, 1930, Asstt Secy to Govt of Bombay, Legal Dept 1932 36, nominated member and Secy of Council of State, 1936 46, Secy to the Govt of India, Ministry of Law, 1947 48, Secy to Governor General of India, 1948 50 *Club* R W I T Club, Bombay *Address* Rashtrapati Bhavan, New Delhi

LALBHAI, Kasturbhai, Millowner and Banker *b* Dec 10 1894, *Educ* Gujarat Coll Ahmedabad Vice Pres, Ahmedabad Millowners Association, 1923-26 M L A (Central) (1923 26), delegate to the 12th and 18th International Labour Conference at Geneva, 1929 and 1934 Pres Federation of Indian Chambers of Commerce and Industry, 1934 35, Ahmedabad Millowners Assoc, 1935 and 1936, Dir Reserve Bank of India, 1937-48, Adviser to the Govt of India in the Indo Burma Trade Negotiations, 1940 Chairman Governing Body of the Ahmedabad Education Society since 1935, member Scientific and Industrial Research Board since 1942, Pres, Sheth Anandji Kalyanji since 1936 member Textile Control Board and the Indian Delegation to the Cotton Conference held at Cairo Representative of the Govt of India on the Textile Cttee of the Combined Production and Resources Board, Washington, 1945 Chairman, West Coast Kandla Port Cttee to the Govt of India, 1948, Economy Cttee to the Govt of India, 1948, leader of the Govt of India Delegation to Kampala 1948 Chairman, Industrial Cttee of Mahatma Gandhi Memorial Fund, 1948 49 Gujarat Famine Relief Cttee, from 1949 Pres, Council of Administration of the Ahmedabad Textile Research Assoc, Ahmedabad and Gujarat Chamber of Commerce, 1950 51, member, National Advisory Cttee to Govt of India on Public Co operation in the Planning Commission from 1952, headed the Indian Delegation to the International Cotton Textile Industry Conference at Buxton, Manchester, 1952, member of the Senate, Gujarat Univ, Ahmedabad *Address* Pankore Naka, Ahmedabad

LALKAKA, Jehangir Ardeshir, F R S A *b* March 3, 1884, *g s* of Khan Bahadur Sir Nowrojee Pestonji Vakil, C I E, *m* Miss Tehmi Jamsetji Kharas of Bandra, *Educ* Ahmedabad High School, Elphinstone Coll, Bombay, Sir J J School of Art, Bombay and St John's Wood and Westminster Schools of Art, London Painted the portraits of Sir Pherozeshah M Mehta, H H the Nawab of Rampur H E Sir Leslie Wilson H E Sir James Sifton and Lord Brabourne member Board of Examiners for Art Examinations, Govt of Bombay 1917-38, chosen by the Govt of India to copy Royal portraits in England, 1930, Dy Director, Sir J J School of Art Bombay, 1931 35, awarded the King Emperor George V Silver Jubilee Medal, 1935, elected Fellow of the Royal Society of Arts, London, 1949 *Address* Studio, 20, Nepean Sea Road, Bombay 6 31, Davis Road, Richards Town, Bangalore 5

LALKAKA, Minocher Dorabji, B A (Hons), L L B, Bar at-Law, J P Chief Judge, Court of Small Causes, Bombay, since July 1949 *b* Aug 8, 1894, only *s* of Dorabji Cursetji Lalkaka, *m* Tehmina Nusserwanji Lawyer, two *d*, *Educ* New High School, Bombay, Elphinstone Coll, Bombay, Barrister of Middle Temple, London, Fellow of Elphinstone Coll, Bombay, 1915-16 Joined the Original Side, Bar of the Bombay High Court, 1921, Examiner in Law to the Bombay Univ, 1924 28, appointed Judge of the Court of Small Causes, Nov 1928, officiated as Chief Judge, 1947, 1948 and 1949, judge in the "Slides" section of the All India exhibitions of the Photographic Society of India, Pres, Photographic Society of India, 1953 54 *Recreations* Photography, Amateur Cinematography (Photographs exhibited at several exhibitions of the Royal Photo[illegible]ociety, London, the Bombay Art[illegible] *Club* Cricket Club of India *Addr*[illegible]r Manor 23-B, Perry Cross Road, Bandra, Bombay 20

LALL, Mr Justice Brij Mohan, B A (Hons) (Punjab), L L B (Allahabad), Judge, High Court, Allahabad, since 1950 *b* June 15, 1896, *m* Smt Malti Devi, three *s*, *Educ* Govt Coll Lahore Univ Law Coll, Allahabad Practised at Bar, 1918 23, held various appointments in State Judicial Services of U P ranging from Munsif to District Judge 1923-48, Judicial Secy and Legal Remembrancer to U P Govt, 1949 50 *Address* 12, Albert Road, Allahabad

LALL, Diwan Chaman, B A (Oxon), Bar at Law, M P (Council of States), Ex-Ambassador of India in Turkey *b* Oct 30, 1892, *s* of Diwan Bahadur Diwan Daulat Rai, C I E, *m* Dr Helen Khan, M B B S, three *s*, *Educ* Jesus College, Oxford, Barrister of Middle Temple, London, Paris Started as a journalist, was editor of *Coterie* London quarterly of Art & Literature Asstt Editor and chief leader writer *Bombay Chronicle* founded the A I T U C, 1920, Pres, A I T C, 1927, a Labour Leader of India Pres, Federation of Posts and Telegraphs Unions, All India Telegraph Workmen's Union, All India Postal and R M S Union, All India Press Workers Union, N A W I P Railway Workmen's Union, and N P P Railway Union, led the Indian Delegation to I L O Conference at Montreal, 1946, member, Parliamentary Delegation to Canada 1928, M L A (Central), 1924-31 and 1944-46, member, Constituent Assembly of India, 1946-48, M L A, Punjab, 1937, member, A I C C since 1938 led a Govt of India Food Delegation to Argentina 1946, Indian Ambassador to Turkey, 1948 50,

to defend Jomo Kenyatta of the Kenya African Union *Publications* Author of *Coolie—The Story of Capital and Labour in India*—(2 Vols) *Recreation* Public speaking *Address* 8, Windsor I Delhi

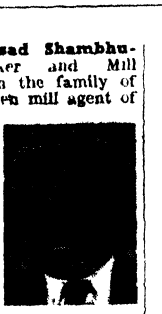
LALL, Krishna Behari, I C S Chief Controller of Imports and Exports Ministry of Commerce and Industry Govt of India since Nov 1952 *b* M s of C B Lall and Mrs C B L t Indrani Devi, *d* of late Mr Ju Nath *Educ* St Stephen Coll, Delhi, School of Oriental Studies London, Univ Coll, Oxford Served in M P as Asstt Commr, Officer in charge Court of Wards Raipur (took interest in Aboriginal Tribes), Dist Magistrate, Dy Dir of Food Supplies, Food Secy to State Govt 1944, transferred to Govt of India, Dy Secy Ministry of Commerce, Dy Secy, Partition Secretariat Secy Delhi Emergency Ctte, dealt with post partition disturbances and participated in Inter Dominion Confr ences on Evacuee Property, took over charge of Alwar Administration Feb 7, 1948, Admin istrator, former United State of Matsya (1948 49) organised scheme of semi mecha nised co operative cultivation for rehabilita tion of refugees Chief Secy, M B (1949 52), integrated services and reorganised administration on provincial model *Address* 2 Ram Kishore Road, Civil Lines Delhi

LALL, Shamaldharee, C I E (1941), I C S, Assistant Secretary General, United Nations, since March 1950 *b* Oct 1894 *s* of Tilak dharee Lall, *m* Maina Shaw, 1921, two *s* and three *d*, *Educ* St Xavier s College, Calcutta, Scottish Churches College, Calcutta, Exeter College, Oxford Joined Indian Civil Service, 1919, served as Asstt Collector to the Govt of Bihar & Orissa, Director of Industries and Labour, Govt of Bihar and Orissa, Secy to Govt of Bihar and Orissa, Education and Development Dept, Deputy High Commis sioner for India London, 1938-44, Officiating High Commissioner for India, London, 1941-42, elected Chairman, Governing Body of I L O, 1948 49, Secretary, Ministry of Labour, Govt of India, 1946 50, has also acted as Secretary General Aug 1950 *Recreations* Tennis, Squash, Polo *Address* New Delhi, Bhagalpur, Bihar

LANGHAMMER, Professor Walter, Gra duated from Academy of fine arts and Uni versity of Vienna in 1927 Art Director, *The Times of India* *b* April 19, 1905, *s* of Mr & Mrs Karl Langhammer Graz Austria, *m* Kaethe Urbach *Educ* Graduated from Academy of Fine Arts and Univ of Vienna, 1927 Professor of painting, Vienna, 1927 38, came to India 1938 awarded several prizes and medals at exhibitions in India and abroad including Gold Medal and twice Governor s Prize, Bombay, member, Managing Ctte s of the Bombay Art Society and Art Gallery, member of several Gov r Art Education in Bombay Several articles on Prof Lghs s paintings in foreign Art Magazines latest one Valhagen & Klasings Monatshefte Feb 1953, Germany *Recreations* Bridge Photography Motoring *Clubs* Rotary Club of Bombay Bombay Gymkhana Tansdowne Club London *Ad dress* Patel Manzil 20 N t Road Bombay 6

LASH, The Right Rev William Quinlan, B A (1927), M A (1932), Bishop of Bombay *b* February 5, 1905, *Educ* Tonbridge School Emmanuel College, Cambridge Westcott House, Cambridge Curate of St Mary's Portsea, 1928 1932, member of Christa Seva Sangha, Poona, 1932, Professor, Sir Parasha rambhau College Poona, 1933-34 Acharya, Christa Prema Seva Sangha, 1934, consecrated Bishop of Bombay, August 10th 1947 *Publication Christian Mysticism* *Address* St John's House, Colaba, Bombay 5

LASKARI, Sheth Durgaprasad Shambhu prasad, Landlord, Banker and Mill Agent *b* June 4 1892 in the family of Sheth Bechardas Laskari then mill agent of Bechardas Spg & Wvg Mills Co, Ltd Ahmedabad, *m* Smt Vijava Gauri, seven *s* and three *d* Took over the entire charge of the management of Bech ardas Spg & Wvg Mills Co Ltd after the demise of his father, 1914 directed all his energies towards the progress and betterment of the mills has developed contacts with several other textile industries in Ahmedabad and Bombay, director on the Board of Management of several industrial concerns, mills as well as a bank *Address* Durgesh', Shahibag, Ahmedabad



LASKARI, Sheth Hariprasad Durgaprasad, Landlord, Banker and Mill Agent *b* Sept 11 1909, in the Laskari family at Ahmedabad el *s* of Sheth Durgaprasad Shambhuprasad Laskari Director in several leading industrial concerns has contributed in a great measure towards the pro gress of the Bechardas Spg & Wvg Mills Co, Ltd *Address* Durgesh Shahibag, Ahmedabad



LASKARI, Sheth Suryakant Durgaprasad, Landlord, Banker and Mill Agent *b* Nov 17 1916 in the Laskari family at Ahmedabad 2nd *s* of Sheth Durgaprasad Shambhuprasad Laskari Has extensively travelled in England France America Japan and other countries, has been bene fitted by his foreign tour by acquiring a good know ledge of the textile in dustries, which has enabled him to put the Bechardas Spinning and Weaving Mills Co, Ltd on a sound footing *Address* Durgesh, Shahibag, Ahmedabad



LATIF, M A, Member Bombay Legislative Assembly *b* Feb 14, 1900 Participated in Home Rule Agitation, 1914 anti Rowlatt Act and Khilafat Movement, and 1942 Quit India Movement Organising Secy A R P Indian Di vision, Mahim Health League Member Civil Defence Ctte, G Ward Rationing Ctte, Mahim Goodwill Assoc Hon Inspector under the Hoarding and Profiteering Act elected to the Bombay Municipal Corporation from Mahim Dharavi as an independent, 1948, later joined the Muni cipal Congress Party, member Standing Ctte, 1948 52, Law, Revenue and General Purposes Ctte, 1948 52 its Chairman, 1950 51 Grants in Aid Ctte on the Board of Management of V J T I and J Wadia Hospital for Children & Memorial Hospital for destitutes ex-Vice-Chairman Bombay Port Trust Ctte, elected M L A (Bombay) on Congress ticket from Mahim Dharavi Constituency in the 1952 General elections, member Tails Ctte *Hobby* Big game hunting *Address* 70, Cadell Road, Mahim Bombay 16



LENTAIGNE, Walter David Alexander, I D C, P S C, C B (1947), C B E (1944), D S O (1942), Mentioned in Despatches, 1923, 1937, 1942, 1944, Commandant, Defence Services Staff College, Wellington, since 1948 *b* July 15, 1899, *s* of Hon Mr Justice Lentaigne, High Court of Burma, *m* (1) Susan Catherine Marsden, (2) Hermoine Constance Lascelles, two *s* and two *d* *Educ* Oratory School, Cadet College, Wellington Joined 4th Gurkha Rifles, 1918 on commission, G H Q, India Staff Appt, 1938 40, Instructor, Staff College, Quetta, 1940-41, Comd 1/4 PWO Gurkha Rifles, 1941-42, Bde Comd, 1942 44, Div Comd, 1944-45, M G Administration, 1945 46, D M O, 1947, D Q M G, A H Q (I), 1947, Comdt Defence Services Staff Coll, 1948 Col 4th P W O Gurkha Rifles, 1950 *Recreations* Shooting, fishing *Club* U S Club London *Address* Defence Services Staff College, Wellington, S India

LODHA, J S, B Com LL M (Lond) J C A A C A (Eng) G D A In business Is the son of late Shri Ummaid Singhji Lodha, *Public Prosecutor*, Mewar State *m* Smt Sushila *d* of P S Khamesra, Ex General Manager Rajasthan Railway, *Educ* Maha rana Coll Udaipur S D Coll, Cawnpore Vidyasagar Coll Calcutta, G D A from Bombay Centre Holkar Coll, Indore, Kings Coll, London Worked in the Income Tax and Law Deptt, Scarff & Co London for one year, was Accounts Adviser J K Group of Industries and also General Secy J K Jute Mills Ltd Cawnpore, Founder, Bharatiya Sanskriti Parishad and All India Cultural Organisation, Calcutta, Pres Mewar Mitra Mandal member Free Masonic Lodge, Calcutta Club, English Speaking Union, National Sports Club of India and many other institutions, Hony Auditor, Bombay Hospital, Bombay, Vidya Bhawan Society, Udaipur etc *Address* Bharatiya Sanskriti Parishad, 3 B, Wellesley Street Calcutta 13

LOHIA, Madanmohan Basantilal, Gen Manager, The Kolhapur Sugar Mills Ltd *b* December 1910, *s* of Basantilal of Ramgarh (Jaipur) *m* Sarasvatidevi, daughter of Ram dhandas Nemani one *s*, *Educ* Marwadi Vidyalaya and St Xavier's College, Bombay Took to Com mercial line in 1933 under the guidance of his grand father, Gurdial, went to Kolhapur in 1943 to look after the whole business of the Kolhapur Sugar Mills Ltd, and the United Agencies Ltd, Managing Director, Ruia Industries Ltd Director, The Union Bank of Kolhapur Ltd, The Yeshwant Iron & Steel Works Ltd, member The Rotary Club of Kolhapur has travelled widely in India Vice Pres Prince Shivaji Education Society and New Education Society, Kolhapur member, Governing Council of the Vidyapeeth Society, Kolhapur *Clubs* Shri Laxmi Gymkhana Residency Club, Deval Club Panhalol Club, Kolhapur Sports Assoc, Kolhapur *Address* Sykes Extension, Prabhu Chhaya, Kolhapur



LOHIA, Dr Rammanohar, General Secretary Praja Socialist Party *b* 1910 *Educ* Bombay Calcutta went to Germany where he obtained his doctorate in political philosophy At the age of 14 attended the Gaya Congress as a delegate, after returning from Germany became leader of the Congress Socialist Party, was Editor, *Congress Socialist* till 1939, organised the Foreign Department of the A I C C at the invitation of Mr Nehru developed relations between the Congress and progressive forces in different European countries, set up a separate branch to look after the interests of Indians overseas, elected to the A I C C, 1936, prosecuted for sedition in Calcutta, 1938, arrested and imprisoned for two years for anti-war speeches 1940, took a leading part in the Quit India Move ment 1942, arrested again in 1944 member, National Executive and Foreign Affairs Ctte

of the Praja Socialist Party *Publications* Several books among them *Third Camp in World Affairs*, *Himalayan Policy for India*, *Aspects of Socialist Policy Fragments of a World Mind Address* P S P Central Office, National House Apollo Bunder, Bombay 1

LOKANATHAN, Palamadai S, M A (Madras), D Sc (Econ), London, Gokhale Prize in Economics, 1921 Executive Secretary of the United Nations Economic Commission for Asia and the Far East, *b* Oct 10 1894, *Educ* St Joseph's Coll, Univ of Madras London School of Economics, Univ of London Reader in Economics and later Ag Prof of Economics in the Univ of Madras, Editor, 'Eastern Economist', New Delhi 1943 47 member, Labour Adv Board, Govt of Madras, 1925 29, member, Consultative Cttee of Economists, delegate to the World Business Conference, Rye, New York, 1944, and of the Pacific Relations Conference, Hot Springs, America, January 1945 Secy, Indian Industrialists Mission to U K and U S A, 1945 Indian Delegate to the Preparatory Cttee of International Trade Conference, London & Geneva Pres, Triplicane Urban Co-op Society, 1942 43 for some time member of the Senate, Academic Council, Madras Univ and of Boards of Studies in Economics in the Universities of Madras, Travancore, Annamalai and Andhra *Publications Industrial Welfare in India*, *Industrial Organisation in India* and *India and Post War Reconstruction Address* Executive Secretary of the U N Economic Commission for Asia and Far East, **Paruskawan Palace, Rajdamnern Avenue, Bangkok, Siam**

LOKUR, Narayan Swamirao, B A LL B Was Chairman Air Transport Licensing Board, New Delhi, Election Tribunal, Lucknow *b* April 21, 1887 *m* Damavantibai (now Laxmibai) Jalihal *Educ* Deccan Coll Poona, and Govt Law School, Bombay Practised as pleader at Belgaum for some time, was Govt Pleader and Public Prosecutor, Belgaum Asstt Judge, 1918 21 District and Sessions Judge from 1925 High Court Judge, 1939 40 and 1942 47, Chief Justice, Joint High Court for Kolhapur and the Deccan States, April August 1947, Chief Justice Kolhapur High Court, 1947-49, was Chairman, Bombay Cttee for the Separation of the Judiciary and the Executive Provl Scout Commsnr, Bombay, Pres Rly Rates Tribunal 1949 53 member, Labour Appellate Tribunal, 1950 53 *Publications* Annotated editions of *Janakiharanam Buddha Charita* and *Selections from Maha bharata* with Sanskrit Commentaries *Address* Adyar House, Adyar, Madras 20

LOYALKA, Chiranjilal Ramchandra, Merchant and Landlord *b* 1901, only son of Ramchandra Bhagwandas Loyalka Director,



Regent Estates Ltd Rastriya Ayurvedic Pharmacy Ltd, Jaipur and Shuddha Vastu Bhandar Ltd, Bombay, and Proprietor of the firms of Messrs Bhagwandas Ramchandra and C R Loyalka For some time Hon Secretary of the Rajputana Shikshamandal Bombay Hon Treasurer of the Bombay Presidency Boy Scout till 1939 Hon Treasurer Bharat and Guides Bombay State Sometime member of Committee of Indian Merchants Chamber Director of the East India Cotton Association, Ltd in 1936, Member of the Bombay Municipal Corporation from 1935 39, President of the All India Cow Protection Conference at Muttra in 1930 and at Nagpur in 1940, Vice President of the All India Varnashram Swaraj Sangh President Dharma Sangh and Ramraj Parishad, Bombay, Member of the Jaipur State Constitutional Reforms Committee *Address* Stock Exchange New Building, Fort, Bombay

LUIZ, A A D, M L A (Travancore Cochin), Landlord, Merchant and Banker *b* 1913 *Educ* St Joseph's, Calicut Bangalore and Madras Law Coll Proprietor Luiz & Co Luiz Tea & Rubber Estates Saw Mills, Executive Member Congress Legparty, served in the Army winning distinctions as first class rifle Shot, 1933, first Anglo Indian elected to Ernakulam Municipality 1937 nominated to State Assembly representing Anglo Indians 1952, as an active Legislator has pleaded for developing Secular State, necessity of progressive taxation and protection of minorities has been actively promoting, eleven free Primary Schools, serves on advisory bodies for High schools and Colleges, is an Executive of the Red Cross, Pres of several societies *Address* P O Box No 72, Ernakulam



LYKKE, H E Mr Knut, Minister Plenipotentiary for Norway in India since 1952 *b* Nov 20 1904, *s* of Ivar Lykke and Petra Anker *née* Bachke, *m* Hertha Margarete Sollied, three *s* *Educ* Univ of Oslo, Cand Jurist, 1928 entered Norwegian Foreign Service 1929 Served in U S A, Belgium, Germany Foreign Ministry, Oslo, Montreal, New York Counsellor of Embassy, Washington, 1945, Minister to Belgrade, Budapest and Bucharest 1948 Minister to Colombo, 1952 *Address* 29, Hotel Cecil, Delhi 8

MACK, Mr Justice Edmund Elmar, B A (Hons) (Oxon), Bar at law, I C S, Judge, High Court, Madras, since April 1948 *b* May 2, 1896, *s* of William Edmund Mack, Classical Lecturer, Wesley College, Colombo, and Ethel Sophia (*nee* Loos) *m* Eileen O Donoghue, *Educ* Wesley College, Colombo, Wadham College, Oxford, Gray's Inn Entered the Indian Civil Service and allotted to the Madras Presidency, 1919, served as Asstt Collector and Sub-Collector till 1927, District & Sessions Judge, Grade I at Bellary for nearly 7 years during which period he was Addl Judge of the Court of the Resident of Hyderabad, District & Sessions Judge till April 1948 *Recreations* Tennis and Golf *Clubs* Madras Cricket Club, Madras Gymkhana, Ooty Gymkhana Club, Kodaikanal Club *Address* The Lee, Sterling Road, Madras

MACMAHON, Gerard John, B A, U K Senior Trade Commissioner and Economic Adviser to U K High Commissioner in India *b* Sept 26, 1909, *s* of Jeremiah MacMahon and Kathleen M Dodd, *Educ* Clongowes Wood Coll, Ireland and Emmanuel Coll, Cambridge Entered Board of Trade, 1933, Asstt Secy 1942 *Recreation* Golf *Clubs* Delhi Gymkhana, Reform (London) *Address* 2, South End Road, New Delhi

MADAN, Sir Janardan Atmaram, Kt, B A, C S I, C I E, I C S (Retd) Chairman, Bombay Provincial Co-operative Institute *b* Feb 12 1885, *m* Champubai, *d* of late H P Pitale I P, *Educ* Elphinstone College, Bombay, Oxford (B A), and Cambridge Assistant Collector in Bombay, 1909, Collector and Registrar of Co operative Societies, 1920 M L C Bombay, 1925 Joint Secretary of the Royal Commission on Agriculture in India 1926 28 Collector and District Magistrate, Bombay State 1928 29 Chairman, Provincial Banking Inquiry Committee, Bombay, 1929, Director of Labour Intelligence and Commissioner Workmen's Compensation, Bombay, 1930 Secretary to Government, Revenue Dept, 1934, Commissioner, Southern Division, Bombay State, 1936, Adviser to H E The Governor of Bombay, Nov 1939—April 1942, Chairman, Pub Ser Commn, Bombay, April 1942 Aug 1947, Chairman, Saurashtra Pub Ser Commn, April 1948 Jan 1950, Chairman, Saurashtra Agrarian Reforms Commission, June Dec 1950 *Address* 28, Altamont Road, Bombay

MADANGOPAL, Kabra, Industrialist and Business man Jodhpur *b* July 23, 1903, at Kuchaman Partner Rajasthan Traders, Jodhpur, Sole Distributor for Skoda Cars, Zetor Tractors for Rajasthan and Madhya Bharat and distributors of Skoda Lorenz and Bernard Engines and pumps etc, Secy and Director, Marwar Industries Ltd, Jodhpur Director Kuchaman Electricity Company Ltd Pali Electricity Co, Ltd, Phalodi Electricity Co, Ltd, Marwar Oil Mills Co, Ltd Jodhpur General Secy Rajputana Provincial Maheshwari Sabha 1930, Pres, All India Motion Picture Conference held at Lahore 1939, Managing Director Film Corporation of India Ltd Producer of the picture Chitra Lekha' 1941, elected member, Marwar Representative Advisory Assembly, 1942 44 member, Marwar Legislative Assembly 1947, Editor, Rashtra Pataka, illustrated Hindi Weekly from Jodhpur, 1947 48, Secy Marwar Chamber of Commerce, 1947 48 Marwar Seva Mandal 1942 45, Marwar Praja Parishad 1948 49 Vice Pres, Rajasthan Chamber of Commerce and Industry 1951 member, former B B & C I Rly Advisory Cttee, Ajmer 1951 Organiser, Rajasthan All Parties Political Conference, 1951, pioneer in Rajasthan Income Tax Test Case, 1952, Pres Rajasthan Electric Supply Co s Assoc, 1952 53 Rajasthan Oil Mills Assoc, 1953, member Western Rly Advisory Cttee Ajmer 1952 Industrial Advisory Council, Rajasthan 1953 Convenor Jodhpur Nagrik Singh, 1953 *Address* Kuchaman House, Jodhpur



MAHADEVAN, Calamur, M A D Sc (Madras), F A Sc (1934), F N I (1945), M A I M E (1951), University Professor & Head of the Geology Dept, Andhra University, Waltair, since Feb 1945 *b* May 6 1901, *s* of C Subrahmanyam and Janaki, *m* Sathyavathi, *d* of V N Ramanatha Rao and Srim Subhalakshmi two *s* and one *d*, *Educ* Muthialpet High School, Madras Christian Coll, Presidency Coll, Madras D Sc, Madras Univ, Research Scholar at I A C S Calcutta under Prof Sir C V Raman, Kt F R S N I Geologist Hyderabad Geological Survey (1931 45), on deputation to Hyderabad Gold Development (1938 40) Pres, Geology & Geography Section Ind Sci Cong, 1949 (Allahabad), awarded Hyderabad Travancore Travelling Fellowship by Andhra Univ and invited by the Board of National Research Councils of U S A to visit American Universities, Jan July 1951 About 100 original papers in scientific journals on X Ray studies, Radio activity and Geopolitics and Geology *Recreations* Walking, open air life proto and pre history *Club* Rotary Vishakapatnam *Address* Campus Waltair (S India)

MAHAJAN, Mr Justice Mehr Chand, Chief Justice, Supreme Court of India since Jan 1954 *b* Dec 23, 1889 Practised as lawyer at Dharamshala, 1913, at Gurdaspur, 1914 18 at Lahore, 1918-43, Pres, High Court Bar Assoc, Lahore, 1938 43 Director, Punjab National Bank, Ltd Fellow & Syndic, Punjab Univ, 1940 47 Syndic, East Punjab Univ 1947 50 Hon degree of L L D, Punjab Univ 1948 Pres, D A V Coll Managing Cttee,





1938 43, All India Fruit Products Assoc Bombay Session, 1945 Member, Fruit Development Board, Punjab, Judge, Lahore High Court, 1943, Member R I N Mutiny Commission, 1946, Punjab Boundary Commission, 1947, Judge, East Punjab High Court, 1947, Prime Minister, Jammu and Kashmir State, 1947 48, Constitutional Adviser to His Highness the Maharaja of Bikaner 1948 *Address* 5 Hastings Road, New Delhi

MAHAJANI, Ganesh Sakharam, M L C, M A (Cantab) Ph D (Cantab), B A (Bom), Smith s Prizeman (1926), Vice Chancellor, Delhi Univ since 1953 Ex M L C, Bombay *b* Nov 27, 1898 *m* Indumati Paranjpye, *d* of H P Paranjpye and niece of Sir R P Paranjpye, *Educ* High School, Satara Fergusson College, Poona, St John s College, Cambridge First in Intermediate (Second Sanskrit Scholar) and the B A Examinations Duke of Edinburgh Fellow



Went to England as Government of India scholar returned to India in 1927 appointed Principal Fergusson College, 1929 Foundation Fellow of the Indian Academy of Sciences, Bangalore, and also of the National Institute of Science Calcutta obtained King s Commission, U T C promoted 'Major' (1947 June) elected Dean of the Faculty of Science, Bombay University, 1936, 1937, 1938, non official Civilian member of No 4 G H Q Selection Board, Jubalpur (Sept 1943 June 1944) Principal and Professor, Fergusson Coll, Poona, 1929 45 Secy, Deccan Education Society, 1945 47, Vice Chancellor, Rajputana Univ 1947 53 *Publications Lessons in Elementary Analysis* for Honours Courses of Indian Universities, *The Application of Moving Axes Methods to the Geometry of Curves and Surfaces An Introduction to Pure Solid Geometry* and some mathematical publications especially *Contribution to Theory of Ferromagnetic Crystals* (published in the Transactions of the Royal Society, London), some political pamphlets, *e g*, *The Liberal Outlook Liberals and the Congress, The Problem of the Minorities and Constitutional Democracy as its Solution Education and Democracy* and *The Defence Problem of India Address* Delhi

MAHAPATRO, Trinath, B A B I Under Secretary to Govt, Development Dept, Bhubaneswar Orissa *b* June 13 1907 *m*, has two *s* *Educ* The Ravenshaw College Cuttack (Orissa), has widely travelled on the continent of Europe, went to London to qualify for the Bar, but returned to India after a brief stay due to outbreak of World War II Started as a Pleader, was a member of the teaching staff of Rajkumar College, Raipur (M P), worked in Gangpur State (Eastern States) in various capacities as Asstt Diwan, Dist and Sessions Judge and Offg Diwan, was deputed on special duty to Hindol State, member of the Standing Committee of Ministers attached to the Rulers' Council, Eastern States appointed Diwan of Kanker State in July 1944 Absorbed in Madhya Pradesh Government service on Jan 1 1948 on integration of the State with Madhya Pradesh Worked as Extra Asstt Commr and Addl District Magistrate Nominated and on transfer of services to Govt of Orissa appointed Special Officer Home Department *Recreations* Tennis and Billiards *Address* P O New Capital, Bhubaneswar (Orissa)



MAHINDRA, K C, B A (Cantab) Chairman Mahindra & Mahindra Limited, Bombay, Turner, Hoare & Co, Ltd, Bombay, Indian Aluminium Company Ltd, Calcutta, Indian & Eastern Engineer Co Ltd, Calcutta, Director Machinery Manufacturers Corporation, Ex Partner Martin & Co, Calcutta, was Head of the India Supply Mission stationed at Washington, U S A 1942 45



Chairman Indian Coalfields Cttee of the Govt of India, Chairman the Automobile and Tractor Panel and the Prime Movers Panel, 1946-47, member, Central Advisory Council of Industries, Director Local Board Western Area, Reserve Bank of India Director Former Air India International Hindusthan Aircraft Ltd *Address* Mahindra Building, Apollo Bunder, Bombay

MAHMUD, Dr Syed, Ph D (Germany) Ex Minister of Development & Transport, Bihar *b* 1889, *m* niece of the late Mazharul Haque Barrister at Law three *s* and three *d* *Educ* Aligarh, London, Cambridge and Germany Started practice as a Barrister at Patna, 1913, non-co operated at the call of Mahatma Gandhi, 1921, General Secretary Khilafat Movement, 1921 2[illegible] General Secretary, Indian National [illegible]3 and again from 1929 36, member Working Cttee, 1940-45, was imprisoned four times, Edn & Development Minister Bihar, 1937 39 started mass literacy movement in Bihar in 1937 and successfully worked it, was leader of a special mission sent by Govt of India to Iraq and Iran 1953 *Publications Khilafat and England, A Plan of Provincial Reconstruction, Hindu Muslim Cultural Accord* and several others *Address* Patna

MAHTA, Dinanath, B A (Oxon), F R S A, J P, O B E (January 1945) Ex Secretary to the Govt of Bombay, Agriculture and Forests Department *b* Nov 7 1898, *m* Kathleen Mary Hastings of London, two *s* and one *d*, *Educ* Eastbourne, Sussex, Oxford University, Silver Medal by the Royal Society of Arts, London (June 1943), Worked under the Govt of Madhya Pradesh, 1925 37 transferred to the Govt of India from 1937, was deputed to Egypt and U K travelled widely in Europe Secretary, Indian Central Cotton Committee, Agricultural Commr Govt of Bombay 1947 48 *Publications Studies in Indrus, Rice breeding in the Central Grass land problems, Groundnut as a crop with cotton Harvesting of groundnuts, Cotton growing in India Recent advances in cotton production Indian Cotton Position—Past and Present* Recreation Golf *Club* Willingdon Sports Club, Bombay *Address* Breach Candy House, Warden Road, Bombay

MAHTAB, Harekrushna, M P for Commerce and Industry Govt of India *b* January, 1900, *m* Srimati Subhadra Devi, *Educ* Ravenshaw College, Cuttack Joined non co operation movement, 1921, since then a worker for Indian National Congress Chairman, District Board Balasore, 1924 28 was also elected to the Bihar & Orissa Legislative Council, 1924, was in journalism for seven years as editor *Prajatantra* an influential Oriya daily paper and also *Rachana* took part in Civil Disobedience Movements 1930 and 1932 was elected President, Utkal Provincial Congress Cttee twice, 1930 and 1937, organised the Inchudi Salt Satyagraha, was imprisoned for 1½ years (1930-31) imprisoned several times in connection with political activities, 1932, 1942, etc, Member, Congress Working Cttee, 1938 46, Leader, Congress Assembly Party, Orissa, has been largely instrumental in merging the Orissa States with the province of Orissa, Dec 1947, was President, Orissa States Enquiry Cttee, donated Rs 25,000 for the publication of the unpublished works of ancient Oriya poets, and Rs 26,000 for the propagation of Gandhi Dharma among the Adibasis of Orissa Chief Minister Orissa, 1946 50, was conferred Honorary Degree Doctor of Literature by the Andhra Univ in 1950 *Publications* Three popular novels a drama *History of Orissa*, the only authentic history of the province *Address* Constitution House, New Delhi

MAI-SWARUP MAI-MARKAND (formerly Rao Saheb M R Dholakia, L C E), Founder and President Mother s Lodge' *b* Dec 23, 1885, *Educ* Poona Engineering Coll Entered Govt Service 1921, retired as Dy Asstt Consulting Surveyor, Bombay, 1942, served as Spl Land Acqn Officer, Karachi Poona, Bombay and Hubli, after retirement from world has become full time Mother s servant since 1945, Hindu Mother's devotee since twelve, with miraculous experiences and powers, installed Universal Mother Mai, Sept 9, 1932, convened in Poona Sisters social in strict purdah of all creeds on Daserah day (Oct 9, 1932), started Mother s Lodge in Poona, on Gudi Padva Navratra day (March 27 1933), explained "God as Mother" at All Faiths Conference, Nasik, 1933, delivered speech on Modern World and Motherhood of God at Indian Philosophical Congress, Poona, 1934 also convened Sisters gathering in Madras (on Daserah day) (Oct 1, 1949) has been conducting Mother s Lodge, an institute of sisters and brothers with branches and followers in Gujarat, Saurashtra and South, for the propitiation of God as Universal Mother through Universal Love and Service, Devotion and unconditional cheerful self surrender and invoking Mother s Blessing with prayers and worship for universal peace, welfare and relief and Mother s Mercy for individual bliss peace and prosperity *Publications God as Mother Mai Poojan, Invitation to join Mother s Lodge, Theory and Principles of Universal Mother movement, Mother and Mother s Thousand Names* (in 2 vols), *Hindi Mai Prarthana and Mai Guru Ananya Bhakti, Mother s Message* (English), *Mai Sandesh* (Gujarati), *Mai Sahasranama Pathanam* (Marathi), *Thai Maya Vathi* (Tamil), *U M s Message* (Telugu), *Mai ism* (734 pages), etc *Address* Mother s Lodge (Mai Niwas), Santa Cruz, Bombay



MAITI, Nikunja Behari, M A, ex Minister, Department of Supplies, Government of West Bengal *b* Oct 1893 *m* Srim Ahalya Maiti, three *d* *Educ* Village schools and Berhampore Coll, Bengal, Calcutta Univ Served as Headmaster in an English High school, joined the Non Co operation movement, 1921, was imprisoned, 1922, imprisoned in Salt Satyagraha, 1930, released on Gandhi-Irwin Pact, was again imprisoned, 1933, elected M L A, Bengal, 1936, courted imprisonment by offering individual Satyagraha, 1940, was released, Dec 1941, was arrested again and imprisoned 1942 45, was again elected M L A, Bengal chosen as Minister for Education and Irrigation and Waterways Deptts under the premiership of Dr P C Ghosh which he resigned owing to difference of opinion with him became Minister in Dr B C Roy s cabinet now engaged in Congress organisational work in Midnapore Dist as General Secy of D

MAITRA, Manan Kumar, Ph D (Lond) D I C A R C S, F R I C, Chief Inspector of Explosives in India *b* Nov 5, 1901, *m* Smt Karin Hvaler, three *s* and two *d*, *Educ* Presidency Coll, Calcutta, Imperial Coll of Science & Technology, London Joined the Explosives Deptt, Govt of India, 1930 *Publications* Scientific papers contributed to

the "Biochemical Journal & "Lancet' in U K *Recreations* Tennis, Chess *Clubs* Calcutta Club, Calcutta, Gymkhana Club, New Delhi *Address* 12, Safdarjang Lane, New Delhi

MAJHAIL, Ishar Singh, ex Minister of Relief and Rehabilitation, Punjab (India) *b* 1902, at Saral Amanat khan (Amritsar), *s* of S Asa Singh, *m* Smt Puran Kaur *d* of S Surain Singh of Trisikka, Amritsar, three *s* and two *d* *Educ* Privately, 1908 14, D B Middle School, Padhana, Lahore, Kh H School, Ludhiana and Ambala, 1919-21, S S Mission ary Coll, Amritsar, 1927-29 Joined I N Congress, 1923, Jailed for 4 months in Guruka Bagh affair, 1922, Nabha (Jaito *morcha*) Agitation (2 years), under Sec 108 C P C for speeches in 1929 (one year), Salt Agitation (one year), 1931-32, for defying Int Order, 1938 and 1939 (six months each year), attended meeting of Sept 22, 1942, Quit India Movement and detained in Gujrat Jail (2 years), Gen Secy, Reception Cttee, Sham Singh Akali Confc, Atari, Feb 10, 1938, also elected Secy Shiromani Akali Dal, Vice-Pres, Darbar Sahib (Golden Temple) Amritsar Cttee, July 24, 1936, Pres, July 1939-49, member, Elec Board, Ex Cttee and Gen Secy, S A D, April 1945, Panthic Board, Sept 1945, S G P C, May 1948, one of the promoters and Secy, Sikh National Coll, Lahore, 1938-47, started the *Vartman* (Panjabi), Amritsar, Sept 1947, the *Sher Bharat* (Urdu) Amritsar, Nov 9, 1947, Minister for Relief and Rehabilitation, Sept 1947 June 1948 Minister for Development, Industries and Civil Supplies May 1950 Jan 1951 *Address* Brock Hurst, Simla 2, Chowk Baba Sahib, Amritsar

MAJITHIA, Sardar Surjit Singh, B A Deputy Minister for Defence, Govt of India, since Aug 1952 *b* Aug 8 1912 at Simla *s* of Sardar Sundar Singh Majithia, *m* Smt Kushalpal Kaur, 1932, *Educ* Chiefs Coll, Lahore, Khalsa Coll, Amritsar, Law Coll and Govt Coll, Lahore M L A Central, 1945 47, member, Defence Consultative Cttee 1945 47, Indian Ambassador to Nepal, 1947-49, Pres, Khalsa Coll, Amritsar, Vice Pres, Chief Khalsa Diwan, Amritsar, Life-Member, Sant Attar Singh Gursagar Mastuana Trust, PEPSU, returned to the House of the People from Tarn Taran Constituency, Punjab *Recreations* Wireless transmission, Agriculture, Flying, Sports *Address* Majithia House Amritsar

MAJITHIA, Sardar Sir Surendra Singh, Knight Bachelor (1946), Landlord and Industrialist *b* March 4, 1895 *s* of late Hon S B Dr Sir Sunder Singh Majithia, Kt, C I E D O L *m* Lady Balbir Kaur Surendra Singh Majithia, *d* of General Hazura Singh of Patiala State *Educ* Khalsa Collegiate High School and Khalsa Coll, Amritsar Senior Managing Partner, Saraya Sugar Factory, Saraya Oil Works, Saraya Distillery, Saraya Dairy Farm Saraya Surkhi Mill, Sardarnagar and Saraya Chemical Works, Sardarnagar, Fairweathers, Muzaffarpur, Bihar member Dist Cttee, Mahatma Gandhi National Memorial Fund, Gorakhpur Sub Regional Employment Advisory Cttee, Gorakhpur, Working Cttee, Gorakhpur Univ Foundation Society, Minimum Agr Wages Cttee, U P, Advisory Cttee under U P Sugar and Power Alcohol Industries Labour Welfare & Devpt Fund Act, 1950, Cttee of the Sugar Mills Assoc, U P Tuberculosis Assoc Dist Planning Cttee, Gorakhpur Chairman Working Cttee, Maharani Pratap Coll, Gorakhpur, Budha Inter Coll, Kushinagar, Life Member, U P Fruit Devpt Board, Lucknow, Pres, Rotary Club, Gorakhpur Dir, Punjab and Sind Bank Ltd *Address* Saraya Estate P O Sardarnagar, Dist Gorakhpur, U P

MALAVIYA, Pt Keshav Deva, M P, Dy Minister, Education and Natural Resources and Scientific Research Govt of India since Aug 1952 *b* Aug 11 1901 at Allahabad *Educ* M Sc from the Allahabad Univ short term Diploma in Oil Technology from the Harcourt Butler Institute, Kanpur, 1929 Joined the Congress movement, 1921, shortly afterwards sentenced to 2 years' imprisonment, courted jail several times and spent, more than 9 years in various prisons, member, Provincial Congress Cttee and its Executive for a long time, was Secy, Congress Parliamentary Cttee, organised the historic election campaign, 1937, has been General Secy, U P C C, actively participated in the 'Quit India' movement and successfully conducted the struggle from underground, was appointed Parliamentary Secy for Development and Information and also Chief Whip, on the formation of the Congress Ministry, 1946, Minister for Development, U P, resigned from the Ministry, Aug 1951, Parl Secy to the Minister for Education, Govt of India *Address* New Delhi

MALHOTRA, Kartar Singh, M A, I A & A S, Accountant General, Posts and Telegraphs, Simla, since Aug 19, 1952 *b* 1902, *m* Kunti Singh two *s* *Address* Accountant-General Posts and Telegraphs, Simla

MALIK, Chief Justice Bidhubhusan, M A, L L B, Barrister-at-Law, Chief Justice, High Court of Judicature at Allahabad *b* January 11, 1895, *s* of the late Rai Bahadur Chandra Shekhar Malik, *m* the late Shrimati Leelavati two *s*, *Educ* Central Hindu College, Banaras, Ewing Christian College, Allahabad, Law College, Allahabad, Lincoln's Inn, London Enrolled as a Vakil, High Court of Judicature, Allahabad, 1919, called to the Bar, Nov 1923 Appointed to the Judicial Cttee, Banaras State, 1941 44, Special Counsel, Income tax, 1943 44, Judge, High Court of Judicature, Allahabad, March 1944 to 15th December 1947, thereafter Chief Justice High Court, U P excepting March and April 1949 when acted as Governor, Uttar Pradesh *Recreations* Tennis Golf and Badminton *Address* Allahabad

MALIK, H E Wing Commander Sardar Hardit Singh, C I E (1941), O B E (1938), I C S, Indian Ambassador, Extraordinary and Plenipotentiary to the Republic of France since Aug 1949 also Envoy Extraordinary and Minister Plenipotentiary to the Royal Kingdom of Norway, since May 1950 *b* Nov 23, 1894 at Rawalpindi (W Punjab), *Educ* Eastbourne College (public school), Eastbourne England, Balliol Coll, Oxford Served with French Army on Western Front, 1916, entered the I C S and served in the Punjab, 1922 30, Indian Trade Commissioner at Hamburg, 1933 34, Dy Secy and then Joint Secy, Commerce Dept, Govt of India 1934 37, first Indian Trade Commissioner to the U S A and Canada 1938 Prime Minister, Patiala, 1944-47, represented the Government of India at the first and second sessions of the Preparatory Cttee of the U N Conference on Trade and Employment in London, Nov 1946 and Geneva, April 1947 respectively, leader of the Indian Delegation to the U N Conference on Trade & Employment, Havana, Nov 1947, Member, Indian Delegation to the U N General Assembly, Lake Success, April 1949, Pres, I C A O Assembly Montreal, 1949, High Commissioner for India in Canada, Sept 1947—Aug 1949, Leader Indian Delegation to the Sixth Session of the U N General Assembly held at Paris, 1951 52 *Address* Indian Embassy, Paris

MANDAL, Jogendra Nath, B L, Ex-Minister, Law and Labour, Pakistan Govt *b* 1906, *m* Mrs Kamala Mandal, *Educ* Brojomohan College Barisal and Calcutta University Law Coll, B L in 1933 Joined Barisal Dist Bar 1936, elected member, Local Board same year, elected member, Bengal Assembly, 1937, appointed member, District Board, Barisal, same year, elected Councillor, Calcutta Corporation, 1940, formed Independent Scheduled Caste Assembly Party, became Minister of Co operative Credit and Rural Indebtedness Depts, April 1943 elected Pres, 1st Provincial Conference of the Scheduled Castes' Federation at Gopalganj April 1945 elected 2nd time M L A, Bengal and became Minister, Judicial, Legislative, Works and Buildings Depts, April 1946, member, Working Cttee, A I S C Federation and Pres East Bengal S C Federation Law Member, Interim Govt of India, Oct 1946 July 1947, elected member of the Pakistan Constituent Assembly and became its First President in Aug 1947, Minister, Law and Labour Pakistan Govt, Aug 1947 Oct 1950, resigned Oct 8, 1950 *Address* 61, Southern Avenue Calcutta

MANGALMURTI, Mr Justice Keshao Tukaram, B Sc, L L B, Puisne Judge, High Court of Judicature at Nagpur *b* Jan 7, 1897, *m* Malatibai Mangalmurti (*nee* Indira Paranjpe), two *s*, *Educ* Morris College and College of Science, Nagpur, Emmanuel College, Cambridge Entered Indian Civil Service, 1923, served as Deputy Commissioner for about 8 months, was Dt & Sessions Judge for 17 years, Officiating Judge, Nagpur High Court, 1946, Industrial Tribunal, Nagpur, April 1947 to June 21, 1948, was appointed Judge, High Court, Nagpur, June 21, 1948, confirmed as Puisne Judge, Feb 28, 1949 *Address* 27/1, Ridle Range Road, Civil Lines Nagpur

MANI, Annakavoor Doraiswamy, M A (Madras), Managing Editor, *The Hitavada*, Nagpur, since 1936, Pres, A I N E C *b* April 8, 1910, *m* Kamala Sivan, M A B T, one *s* *Educ* Wesley Coll and Presidency Coll, Madras Worked as editorial apprentice on *New India* edited by Dr Besant 1930, joined *Hitavada*, 1933, Secy, International Section of the All India Newspaper Editors Conference, 1935, Provincial Branch of the Editors' Conference, 1942 48, C P Press Advisory Cttee, 1942-49 General Secy, A I N E C Conference, 1949 member its Standing Cttee from 1940 Executive of the Indian and Eastern Newspaper Society from 1947 Pres, International Service Cttee of the Nagpur Rotary Club, 1947 49, member M P & Berar Press Enquiry Cttee, 1948 visited U S A guest of U S Govt, Alternate D India at U N General Assembly Sessions Paris, 1951 52, Chairman, U N Cttee for Admn Unions, 1952 Representative on the 3rd Cttee of U N General Assembly, 1952 *Publications Of Lanka and Others Recreations* Travelling, Palmistry *Club* Rotary Club, Nagpur *Address* Wardha Road, Nagpur

MANILAL, Kantilal, Millowner *b* Oct 27 1913 *m* Smt Pushpa Kantilal one *s* and one *d*, *Educ* Ahmedabad Director Jehangir Vakil Mills Co Ltd, Ahmedabad, Navjivan Mills Ltd Kalol, Axel Products Ltd Bombay, Proprietor Rustom Jehangir Vakil Mills Co, Ltd, Ahmedabad member Ahmedabad Millowners Assoc, visited foreign countries such as Japan U K, and U S A for advancement in the Cotton Textile Industry adopted in his own mills various new methods after return from his foreign tour Is at present entirely managing the Rustom Jehangir Vakil Mills Co Ltd *Clubs* Shahi-baug Club Ahmedabad Gujarat Club Ahmedabad Radio Club Bombay *Address* *Residence* Shahi baug Ahmedabad *Office* Rustom Jehangir Vakil Mills Co Ltd, Post Box 131, Ahmedabad



MANNA, Sailen, Leading Football player, on the staff of the Geological Survey of India *b* Nov 20 1924 *Educ* Madhusudan Pal Chowdhury School and Ripon Coll Calcutta Started early in life senior football career representing Howrah Union 1939 has been in the Mohun Bagan since 1942 having

captained the team for th
represented his State (W Bengal) and India in almost all the international as well as representative games from 1944, captained touring teams to Colombo and Far East in 1949 and 1950 respectively was also the skipper of the Indian team to win the championship in the Asiatic games as well as in the Quadrangular Tournament held in Ceylon 1952 was in the Olympic team for 1948 and was received by late King (George VI) as a mark of appreciation of his skill, captained the Olympic team for 1952 captained Bengal team in National Championship games for four years since 1949 consecutively *Recreations* Big game shooting watching games of Jr players and training them, Badminton and Volley Ball *Address* 130 Madhusudan Pal Chowdhury Lane Howrah Calcutta

MANNADIAR, Major Sardar Chondath Iravi Ramaunni, of Chondath House one of the oldest families of chieftains in Travancore Cochin A D C to H H the Maharaja of Cochin Was appointed Commanr of the Cochin Special Guards during war, first appointed A D C in 1929 to Sir Sri Rama Varma G C I E the then Maharaja of Cochin, was Pres Taluk Recruiting Cttee attached to His Majesty's I T F for a long time and was apptd member of Unit Advisory Cttee of the 13th Malabar Battalion in 1941, during war, rendered voluntary service for a short time and served as a company Commander in the 13th Malabar Battalion and had an attachment in the 3rd Madras Regiment, apptd as first Vice Patron of the Boy Scouts Assocn, Cochin State in 1944 recently appointed as Hon Major in the Cochin State Forces Awarded title of "Sardar" by H H the Maharaja of Cochin on 6th June 1949 *Address* P O Nallepilly *via* Palghat, S Malabar



MARSHALL, John Robert, Managing Director, Madura Mills Co, Ltd, Madural, Tuticorin and Ambasamudram and Director, A & F Harvey Ltd, The Madura Sugars & Allied Products Ltd, National Machinery Manufacturers Ltd, Travancore Titanium Products Ltd etc *b* 1907, at Motherwell, Scotland *m* Genevieve Wallace, 1934, *one s and one d* Joined Madura Mills, 1930 member Cotton Textiles & Cotton Control Cttee All India Handloom Board, Chairman, Bd of Directors, Pandyan Insurance Co, Ltd Punalur Paper Mills Ltd, Pandyan Bank Ltd, and India Cements Ltd *Recreations* Golf, Tennis *Address* Pasumalai Hills, Madurai

MARZBAN Adi, B A, Proprietor and Editor, *Jame Jamshed b* April 19, 1914, *m* Silla Bamanji Pudumjee, *Educ* Bharda New High School, Elphinstone College Took up production of plays for the stage, films and radio, Staff Artiste in All-India Radio *Publications* Plays Sketches, Short Stories *Recreations* Chess, Dramatics, Painting Conjuring *Clubs* Cricket Club of India, Bombay Presidency Radio Club, W I A A Club, National Sports Club of India *Address* Jam-e-Jamshed, Mangalore Street, Fort, Bombay

MASANI, Dr Kaikhushroo Muncherji, M D (Lond), F R C S (Eng) F I C S, M B B S (Bom), Consulting Gynæcologist and Obstetrician *b* Feb 15 1903 *m* Homai *d* of Sorabji S Engineer, *Educ* Sirdar Hoshang Boys High School, Poona, Grant Medical College, Bombay, St Bartholomew's Hospital, London Hon Asst Obstetrician, Bai Motlibai Petit Hospital, Bombay, 1935-37, joined staff of K E M Hospital and G S M College, Bombay, as Hon Asstt Gynæcologist, 1937 and Hon Gynæcologist, 1941, apptd Hon Consulting Obstetrician to Nowrosjee Wadia Maternity Hospital, Bombay, 1941, and as Hon Principal Medical Officer, 1945, joined staff of the Bomanji D Petit Parsee General Hospital, Bombay, as Hon Gynæcologist and Obstetrician, 1941 *Address* "La Citadelle", Queen's Road, Bombay

MASANI, Dr Kaikhushroo Rustomji, M R C S (Eng) I R C P (Lond) D P M (Eng) Director The Indian Institute of Mental Health and Human Relations, since 1951 *b* Sept 3 1908, *s* of Sir Rustom and Lady Monjeh Masani Bombay, *m* Birgita Berthagen (died 1948) *d* of Mr and Mrs John Berthagen, Lecturers at the Training School for Teachers Upsala Sweden 1938 *Educ* Bharda New High School Elphinstone Coll, Bombay, Univ Coll and Univ Coll Hospital, Lond Resident Clinical Asstt Northumberland House Mental Hospital London Physician British Hospital for Nervous and Mental Diseases, London, 1934-37 qualified in Psychiatry, Diploma in Psychological Medicine, England, 1936, has been engaged since 1937 in consulting and honorary psychiatric work at various Hospitals and Clinics and in private practice, and has been engaged in undergraduate and post graduate psychiatric teaching at the Grant Medical College, and psychiatric education of students of Social Work at the Tata Institute of Social Sciences founded the Indian Council for Mental Hygiene 1943 appointed Prof of Psychiatry, Grant Medical Coll, Bombay 1937 Hon Psychiatrist, J J Group of Hospitals Bombay Hon Physician, N M Mental Hospital, Thana, Director Child Guidance Clinic of the Tata Institute of Social Sciences 1937-46 Prof of Psychiatry, Tata Institute of Social Sciences since 1946 Consulting Psychiatrist Govt of Bombay Juvenile Branch 1944-47, Chairman Ex Cttee of the Indian Council for Mental Hygiene since 1943 Director, Indian Institute of Psychiatry and Mental Hygiene, 1943-46 Member for Asia Executive Board World Federation for Mental Health 1948-51 U N Expert at the Asian Youth Welfare Seminar 1951 Pres, Indian Psychiatric Society, 1954, Consultant, The Child Guidance Clinic run by the Bombay Presidency Women's Council 1954 *Publications* Has contributed many papers and articles in Medical Journals and Journals of Social Work on topics connected with Psychiatry and Mental Hygiene submitted memoranda on Mental Health topics to the Sir Joseph Bhore Health Survey and Development Committee, 1943 to the Expert Committee on Juvenile Delinquency of the Govt of India, 1951 and the Secondary Education Commission etc contributed a chapter on the 'Mental Health of the Nation' in the book on the Health of the Nation by Sir Bedrick Jones, and a paper on 'Psychosis or Malingering' with Bedrick Dilon M D in the Journal of Mental Science, London, 1936 *Address* Cumbatta Chambers 42, Queen's Road Bombay 1



MASANI, Minocher Rustom, B A (Bombay), L L B (London), Bar at Law, Member United Nations Sub Commission on Discrimination and Minorities Member, Joint Consultative Board of Industry and Labour, President, Indian Roads Transport and Development Association *b* Nov 20 1905 in Bombay *Educ* B A (Bom), L I B (Lond), called to the Bar by Lincoln's Inn in 1928 Founder and Joint Secretary of the All India Congress Socialist Party, 1934-39, member of the Bombay Municipal Corporation 1935-45 Mayor of Bombay 1943-44 member Indian Legislative Assembly 1945-46 member Constituent Assembly of India, 1946-48 Ambassador of India in Brazil, 1948-49 member Parliament of India, 1949-52, joined Tata Sons in 1941 and is now Adviser on Industrial and Public Relations *Publications India's Constitution at Work*, 1939, *Our India*, 1940, *Socialism Reconsidered*, 1944, *Your Food*, 1944 *Picture of a Plan*, 1945, *A Plea for the Mixed Economy*, 1947, *Our Growing Human Family* 1950 *Address* Bombay House, Fort, Bombay

MASANI, Sir Rustom Pestonji, Kt (1943), M A, J P *b* 23rd Sept 1876 Chairman, Executive Cttee, Indian Institute for Educational and Cultural Co-operation member, National Commission for Co-operation with U N E S C O, Ex Vice Chancellor, Bombay University, Trustee, Prince of Wales Museum N M Wadia Charities, President, Anthropological Socy, Bombay Governing Body of the K R Kama Oriental Institute Bombay Suburban Social Service League, Municipal Secretary, Dy Municipal Commissioner and Municipal Commissioner for the City of Bombay, Mgr Central Bank of India Sec, Indian Central Banking Enquiry Committee Chairman Amalgamated Chemicals and Dye Stuffs Ltd, Oriental Industrial Investment Corporation Dir, Oriental Government Security Life Assurance Co, Editor, *Kaiser-i-Hind* and *Indian Spectator Publications Child Protection Folklore of Wells The Law and Procedure of the Municipal Corporation, Bombay, The Conference of the Birds, A Sufi Allegory Evolution of Local Self Govt in Bombay, The Religion of the Gooa Life, Zoroastrianism Court Poets of Iran and India, Dadabhai Naoroji The Grand Old Man of India* Also several works in Gujarati *Address* 681 Sojpar Sea Road, Bombay

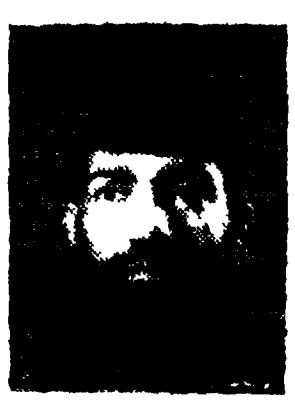
MASCARENHAS, Francis Dennis, Industrialist and Business man, Chairman and Managing Director, Associated Corporation of Industries (India), Ltd, Bombay, and Hon Presidency Magistrate, Bombay, J P, President, United Front of Goans (UFG) *b* October 4, 1912, *s* of the late J Stewart De B Mascarenhas, of Bombay Secretariat, Bombay and *n* of Politician Commendador Leandro Mascarenhas of Bombay, *m* Patricia Rose De-Mello, *g d* of Pascol DeMello, Captain of the Militia guarding the Governor's Castle at Parel, and recipient of a meritorious token from His Majesty George III, 1799, *Educ* in European Schools, Bombay Joined the G I P Railway, 1927, resigned and took up commercial training under foreign experts, established the firm of Associated Corporation of Industries (India) Ltd, member, Chamber of Commerce, U S, takes keen interest in the uplift and welfare of all the minority communities is national minded, has toured extensively abroad and has met international personalities of today flew to Nebraska—Omaha to survey his plan for his cherished 'Boys Town" spent several months in Boys Town during his global visits and during this period also visited the world's largest factories of different kinds was complimented in 1945 by Mr Emanuel Celler, member on the Cttee on the Judiciary and U S A House of Representatives, (Congress), Washington D C for his plan for industrialising India especially Transportation—his Lightweight Bullock Cart, received in audience the Hon Citizenship of Boys Town Nebraska U S A, was guest of honour at a dinner given at New York by Cardinal Spellman, Archbishop of New York, at which a handsome donation was made for his Lightweight Bullock Cart scheme



for India, has been working to promote Indian Industries among the other countries of the world, was responsible for the rapid establishment of the Indo Cuban trade, was awarded in Havana the Grand Cross of Honour & Merit (Cuba), visited America s Film Industry at Hollywood with Mr Edward Mehran, the President of the Squirt Company also visited all the Intelligence and Social Commercial branches throughout the U S A, was invited by Mr Edgar Hoover of America s Criminal Investigation Bureau, Washington D C was guest of Papal Internuncio at Havana addressed at New York a distinguished gathering of Industrialists, is popular in the U S visited the world s biggest scientific research stations abroad, discussed with Earl Mountbatten of Burma, the then Governor General and Viceroy of India his plans for betterment of the common man in India at the invitation of the Governor General of Goa discussed a scheme for the development of Industries and Power and a project for the Dud Sagar Waterfalls for the electrification of Goa and the improvement of Marmugao harbour, and recommended strongly 'Port Trust of Goa', is a great supporter and soldier of Free India like his uncle the Late Commendador Leandro Mascarenhas a Politician of the Motilal Nehru days, Director, Bombay Flying Club Ltd, Everest Advertising, Ltd, Indian Gliding Association, Ltd Founder member Indian Gliding Assoc *Languages* English, Portuguese, Spanish German, Marathi Urdu and Gujarati *Clubs* Cricket Club of India Royal Western India Turf Club Bombay Presidency Golf Club Western India Automobile Association, Presidency Radio Club, National Sports Club of India, Clubs overseas and Americans for Democratic Action Red Cross Society of Havana *Hobbies* Psychiatry Reading, Golf, Tennis, Cine Photography Motoring Agriculture *Address* 'Commerce House', Currimbhoy Road, Ballard Estate Bombay

MASCARENHAS, *Dr* Mafaldo Ubaldo, L M & S (Bombay Univ), M I A Medical Practitioner and Social Worker *b* May 1885 *s* of M M Mascarenhas late of the *Times of India* *Educ* St Xavier s High School and Grant Medical College Member of the Bombay Municipal Corporation since April 1935, Mayor of Bombay for 1948-49, President, Philatelist Society elected member the Bombay Legislative Assembly 1952 *Recreations* Cricket and Hockey Stamp Collection *Clubs* Bombay Presidency Hockey Assoc Western India Football Assoc Catholic Gymkhana Stand Member R W I T C *Address* Marian Villa, 16 Matharpakhadi, Mazagaon Bombay

MASHRIQI, Inayetullah Khan Tarzi, Minister for Food & Civil Supplies P W D, Public Health and Local Self Government Bhopal *b* 1908, *s* of Hafiz Isthullah Khan, *Educ* Early education in local Madrasas took a number of Oriental degrees from Govt Coll, Lahore Is one of the veteran Congress leaders of Bhopal founded the Anjuman Khuddame Watan party 1933 imprisoned for two years for treason, led a youth movement by laying the foundation of Young Men s Assoc, Founder member, State People s Conference acted as Secy of the Conference was Pres for eight years the first coalition Ministry dominated by Congress Party members under Pandit Chattur Narain Malaviya, formed during his presidentship 1947 a leading Urdu Columnist in India is the directive force behind Subh Watan a local Urdu journal was responsible for revolutionising the people s mind and preparing them to fight for their just cause against the Rulers of



the States contributed corres pondent of 'Madina' in ublished from Bijnor and Calcutta ly, *Address* Qaisar Bungalow, Bh

MASTER, Bhola Nath, Minister for Education and Separate Revenue Rajasthan *b* June 1911, *m* Smt Pushpa Devi, two *s* Harish Chandra and Ashok and two *d* Lalta and Usha Left Alwar State service on political grounds Founder, Alwar Raj Prajamandal, was its General Secy and Pres for years, General Secy Rajasthan, P C C member, A I C C, courted imprisonment three times, widely travelled in India and South East Asia, Editor, *Swatantra Bharat* and *Congress Sandesh*, Minister for Public Works and Civil Supplies, Matsya Union, Founder member, Happy School Gandhi Vidyalaya, etc elected to Rajasthan Assembly from Lachhmangarh Rajgarh Constituency *Address* 10, Civil Lines, Jaipur

MASTER, Mansukhlal Atmaram, B A, LL B *b* Nov 11, 1884, *m* Mrs Tara Master, one *s* and one *d*, *Educ* Elphinstone Coll, Bombay Began earning by giving tuitions Pres, Indian Merchants Chamber, 1945, Pres, Cttee of the Fed of Indian Chambers of Commerce & Industry, 1947, Vice Pres, All India Organisation of Industrial Employers, 1949, Trustee Port of Bombay since 1937, member, Port Technical Cttee Chairman, Minor Ports Development Cttee of the Govt of Bombay, Shipbuilding & Marine Engineering Panel Govt of India, 1946, member, Shipping & Trade Integration Cttee, Maritime Training Facilities Cttee, Shipping Policy Cttee, Governing Body, Training Ship Dufferin Vice Pres, Sailors, Home, member, Shipping delegation to London, 1947, Director Bombay Steam Navigation Co, Ltd, Travancore Steam Navigation Co Ltd, Premier Automobiles Ltd Govt of India delegate International Conference of Safety of Life at Sea (London), 1929 & 1948 United Maritime Consultative Council, Washington, 1946, Geneva, 1948, Employers Adviser and then as Employers Delegate International Maritime Conference at Geneva, Representative, Indian National Steamship Owners Assoc at the International Shipping Conference in London, Feb 1947 member at the Geneva Session of Joint Maritime Commission Dec 1947, 1951 & 1952, was General Manager The Scindia Steam Nav Co, Ltd Pres, Commerce Graduates Assoc Govt Delegate—Trade Negotiations with Czechoslovakia & Switzerland *Publications* Several pamphlets on shipping and other matters of importance to commerce and industry *Recreations* Cricket and Tennis Raj Mahal, Juhu (Bomb

MATTHAI, *Dr* John, B A, B L (Madras), B Litt (Oxon) D Sc (Lond), C I E, Chairman Taxation Enquiry Commission since April 1953 *b* Jan 10, 1886 *m* Achamma John, 1921, *Educ* Madras Christian Coll, London School of Economics Balliol Coll, Oxford, High Court Vakil Madras, 1910 14, Officer on Special Duty, Co operative Dept, Madras 1918 20, Professor of Economics, Presidency Coll, Madras 1920 25, Professor of Indian Economics, University of Madras, 1922 25, member, Madras Legislative Council, 1922 25, member Indian Tariff Board, 1925 31, President, Tariff Board, 1931 34, Director General of Commercial Intelligence and Statistics, 1935 40, retired and joined Tata Sons Ltd, 1940 appointed for 1944, Minister of Railways and port, Govt of India, Jan 1947 Sept Minister of Finance, Govt of India Sept 1948 May 1950, resigned from Govt and served Tatas 1950 53 *Publications* *Village Govt in British India* *Agricultural Co operation in* *and* *Liquor Control* use, Bombay 1

MATTHEN, C P, B A, B L (Madras) M P *b* May 1890, *s* of Mammen Poulose, *m* Ell two *s* and six *d*, *Educ* Madras Christian Coll Entered business and started the Quilon Bank, Ltd, incorporated in Travancore, 1919 became Managing Director Travancore National and Quilon Bank Ltd on amalgamation of the Quilon Bank Ltd with the Travancore National Bank Ltd, convicted and sentenced to hard labour in connection with the affairs of the Travancore National and Quilon Bank Ltd was subsequently released unconditionally on appeal to the Governor General in Council the appeal was backed by the opinion of Sir B L Mitter then Advocate General of India started the Alleppey Co Ltd, the first Travancore Co to compete with the European coastal firms which had the monopoly of the export and import business in Travancore was its Founder Chairman, 1925 30 initiated and organised the Travancore Chamber of Commerce Alleppey, was returned to the House of the People on Congress ticket from Tiruvella constituency of Travancore Cochin in the General Elections *Publications* *I have Borne Much* Ampthill, Harrington Road M



MAVALANKAR, Ganesh Vasudeo, B A LL B, Advocate, A S, Speaker Indian Republic Parliament, since Jan 26 1950 *b* Nov 28, 1888, at Baroda *Educ* Rajapur and Govt High Schools Rajapur and Ahmedabad respectively Gujarat Coll, Ahmedabad, and Govt Law School Bombay started practice in 1913 Secy Gujarat Sabha, 1916, took part in Kaira No Rent Campaign, 1917, Influenza Relief, 1918 Famine Relief 1919, entered Ahmedabad Municipality 1919, suspended practice in 1921 22, Secy, Gujarat P C C, 1923, General Secretary, 3 National Congress, Ahmedabad Flood Relief Operations, A 1927 visited England and 1950 1952 and 1953 Pres Municipality, 1930 to 1933 and 1935 36, President Ranpur Inquiry Cttee 1930, imprisoned 1930 and 1933, interned at Ratnagiri, 1933 34, Trustee, Harijan Ashram, Sabarmati (Gandhiji s Ashram) Gujarat Law Society, Pres Ahmedabad Education Society etc Pres, Gujarat Vidya Sabha, arrested at Ahmedabad for offering individual civil disobedience, 27th Nov 1940 and imprisoned in Sabarmati and Yeravda Jails, released 18th November, 1941, again arrested on 9th Aug 1942 under the D I R, released on 10th March 1944, Trustee and Chairman, Ex Com Kasturba Gandhi National Memorial Fund formerly Speaker, Bombay Leg Assembly, Trustee and Chairman, Gandhi Memorial Fund, President, Central Assembly, Jan 1946 Aug 1947, led Indian Parliamentary Delegation to Commonwealth Parliamentary Conference to England in Sept Oct 1948 and to Canada Sept 1952 attended Inter Parliamentary Union Conference at Dublin and the opening of the New House of Commons building in Sept and Oct Indian Constituent As *Address* Sevakutir Mal Elh Ro

MAYER, Albert, A B, C E Architect Town Planner, Planning Adviser to U P Govt *b* Dec 29, 1897, *s* of Bernhard and Sophia Mayer *m* Phyllis Carter one *s* and one *d* *Educ* Columbia Coll Class of 1916, Massachusetts Inst of Technology—Class of 1919 Architecture, Engineering Town and Rural Planning, Consultant to U N Master Plans for Chandigarh Capital of Punjab (I) Greater Bombay, new city of Kitimat, Canada, Gujarat Univ Ahmedabad expansion of Allahabad Agricultural Institute

and design of new buildings Pilot Rural Development Projects for U P Govt , member, American Institute of Planners, American Society of Civil Engineers Fellow, American Institute of Architects Medal of Honour of N Y Chapter of American Institute of Architects 1952 *Address* C/o A N Jha, Secretary *Planning Council House Lucknow*, 31 Union Sq W New York City

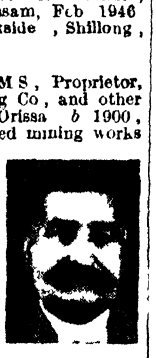
MAZUMDAR, Maulavi Abdul Matlib, B A , with honours in English, M A in English (2nd Class) B L Minister for Local Self Government, Veterinary and Livestock, Govt of Assam *b* Feb 1898, *Educ* Dacca College (now defunct) Practising Pleader in the Law Courts of the Cachar District Assam Chairman for years of Local Bodies of Hailakandi, Cachar District *Address* Shillong P O , Assam

MEDAPA, Chief Justice Rao Bahadur P , B A , B L , Rao Bahadur (1945), Chief Justice, Mysore, since Nov 1948 *b* April 10, 1895, *s* of P Belliapa , *m* Mrs Poovie Medapa , one *s* and two *d* , *Educ* Central College, Bangalore and Law College, Madras Member, Legislative Council & District Board, Coorg , led the Coorg delegation for evidence before the Simon Commission , as member of the Advisory Cttee on the Territorial Force gave evidence before the Sir John Shea Cttee on Indianisation of the Army , practised as advocate in Madras and Coorg , appointed Sub Judge & First Class Magistrate, Coorg (1929), District & Sessions Judge, Bangalore Cantonment (1933), Judge, High Court of Mysore from 1944 , Chairman, Gopala Rao Enquiry Cttee (March 1948) *Clubs* Steward Bangalore Race Club , Cricket Club of India (Founder Member), Century Club and Bangalore Club (Member) *Recreations* Tennis Cricket and Hockey *Address* No 16, Cunningham Road, Bangalore 1

MEDHI, Bishnu Ram, B Sc (Hons), M Sc , B L , Chief Minister Assam, since Aug 1950 Advocate *b* April 1890 in the village of Hajo (Kamrup Assam), *m* Srimati Nirmala *d* of J R Deka, prominent citizen of North Gauhati *Educ* Presidency College, Calcutta Enrolled as Pleader, Gauhati Bar 1914 and Advocate Calcutta High Court, 1931 , joined the Non Co operation Movement and was imprisoned for more than a year, after Lahore Congress, elected President of Assam P C C unanimously and since then continuously elected President till 1939 , member, A I C C , imprisoned in 1930 and 1940 in connection with C D and Satyagraha Movements for about two years and again detained in jail for over 2 years in connection with 1942 movement popularly known as the 'Iron Man of Assam Minister of Finance, Revenue and Legislation, Assam, Feb 1946 Aug 1950 *Address* 'Rockside , Shillong , Uzan Bazar, Gauhati, Assam



MEDIRATTA, J M , F G M S , Proprietor, Patna State Graphite Mining Co , and other allied industries Ittilagarh, Orissa *b* 1900, *Educ* Punjab Univ , started mining works in Vizag Dist , 1928 gained practical experience in mining by conducting investigation work , introduced graphite into the Indian market , erected a factory at Ittilagarh undertaking grinding and refining work, first of its kind in India, awarded many special certificates of merit and gold medals for graphite industry and development, producing plumbago powders having the fineness of 300 mesh and above and manufacturing graphite crucibles which is now in the final stage of experiment *Address* Patna State Graphite Mining Co , Ittilagarh P O , Eastern Railway



MEHTA, Ashok Nanalal, Indian Embassy Paris *b* April 3 1921 s of N C Mehta Retd I C S , Chief Commissioner, Himachal Pradesh, Simla *m* Miss Chandralekha Pandit, *d* of Shrimati Vijayalakshmi , *Educ* St Stephen s College, Delhi , Allahabad University , Indian Military Academy, Dehra Dun Commissioned in Royal Indian Engineers, Bengal Sappers and Miners Roorkee Dec 1, 1941 , 2nd Secretary to the Agent General for India in China, 1943 45 , Asstt China Relations Officer, Calcutta, 1945-46 , 2nd in Command, 1st Fd Coy R I E Nowshera, Feb Oct 1946 , Consul for India, Saigon, Indo China, 1946 49 , was Consul General for India in Goa *Recreations* Riding and Photography *Club* Delhi Gymkhana Club, New Delhi *Address* C/o Ministry of External Affairs, New Delhi

MEHTA, Asoka, B A , Social worker , Joint Secy , Praja Socialist Party *b* 24th October 1911, *Educ* Wilson College, Bombay , School of Economics, Bombay University In political life from 1930 , imprisoned four times , founder member of former Socialist Party , edited its official organ, 1935 39 member of its National Executive for 15 years *Publications The Communal Triangle in India* With Achyut Patwardhan *Political Mind of India, Democracy and Socialism and Peasantry, In Search of Freedom* *Address* Bibulnath, 5, Dadysett Road, Bombay

MEHTA, Balvantray Gopalji, B A (Bombay), General Secy Indian National Congress Ex Deputy Chief Minister, Govt of United State of Saurashtra, Rajkot *b* Feb 19, 1899 Entered public life, Oct 1920 , took active part in States People s Movement for civil liberties and responsible Govt women s education, Harijan uplift work , Pres , Bhavnagar Prajamandal , Gohilwad Harijan Samiti Vice-Pres , All India States People s Conference , Seva-samiti member, A I C C participated Salt Satyagraha (1930), Movement of 1932 33 34 Rajkot Satyagraha (1938) Individual Satyagraha (1940 41) and Quit India Movement (1942 45) spent about 7 years in jail started Harijan Schools in Bhavnagar State and handed them over to the State after some years started Thakkar Bapa Harijan Ashram, 1927 participated in establishing the All India States People s Conference, 1927 *Address* 7, Jantar Mantar Road, New Delhi

MEHTA, Balwant Singh, M P , Ex Minister for Industries & Commerce Rajasthan *b* Feb 8, 1900, *s* of Mehta Zalimsinghji and Shrim Aneykumari, *m* Shrim Sugan Kumari , four *s* , *Educ* High School, Udaipur , Fergusson Coll , Poona One of the founders of Mewar Congress and its first President jailed for taking part in freedom movement elected Vice Chairman, All India States People s Conference, Udaipur Session , organised and started welfare work for Bhils in Rajasthan , helped them to get rid of forced labour , member, Constituent Assembly of India , was member on various Standing Cttees of Parliament and delimitation of constituencies of Rajasthan Pres , Kasturba Maternity Home and Public Library, Udaipur presided over various Conferences inaugurated All India Manufacturers Conference Jaipur , Organiser, Rajasthan Seva Samity Vice Pres , All India Red Cross Society Chairman, Refugees Co op Society, Connaught Place New Delhi *Publications The Fort of Chittorgarh Life of Mirabai, Maharana Pratap, Mewar Dygdarshan* etc *Address* Sahitya Kuteer Udaipur, Jantar Mantar Observatory Delhi

MEHTA, Bhagvandas C , B A *b* 1911 Director Bank of India Ltd New India Assurance Co Ltd , Tata Mills Ltd , Tata Hydro Electric Power Supply Co Ltd , United Motors Ltd The Belapur Co Ltd , etc , Chairman, The Millowners Association, Bombay, 1947 *Address* 42, Ridge Road, Malabar Hill, Bombay

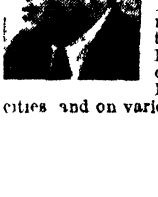
MEHTA, Sir Chunilal Vijbhucandas, Kt , K C S I (1928) M A , L L B *b* Jan 12, 1881 *m* Tarabai Chandulal Kankodiwala *Educ* St Xavier s Coll Bombay Captain, Hindu XI Elected to the Bombay Municipal Corporation in 1907 , Chairman, Standing Cttee , 1912 , President of the Corporation, 1916 , elected to the Bombay Legislative Council by the Corporation in 1916 elected to the City Improvement Trust, 1918 Chairman, Indian Merchants Chamber, 1918 and 1931 , elected to the Bombay Port Trust 1920 , ex Chancellor, Indian Women s Univ , ex Provincial Scout Commsnr Minister, Bombay Govt 1921 23 , member, Executive Council of Govt of Bombay, 1923 28 Chairman, Western India Match Co Ltd , Director, Tata Power Co Ltd , The Tata Iron & Steel Co , Ltd , The Associated Cement Companies, Ltd , etc , President, Indian Territorial Force, 1946 *Address* 42, Ridge Road, Malabar Hill, Bombay

MEHTA, Durga Shanker Kripashanker, B A , L L B , M L A , Minister for Industry, Govt of Madhya Pradesh *b* April 1887 at Hoshangabad , *Educ* Sagar and Govt College, Jabalpur from where he graduated in 1906 , took Law degree from the Univ School of Law, Allahabad, 1908 , was placed in the first division Started practice at Jabalpur , later shifted to Seoni, where he became a leading lawyer , gave up practice in 1921 to join the Non co-operation Movement , jailed in 1923, 1930, 1940 and 1942 , Chairman, Seoni Dist Council for several years , Pres , Municipal Cttee , Seoni, 1922 23 elected to M P Leg Council, 1927 on Swaraj Party ticket , Finance Minister during first Congress Ministry, 1937 39 , elected to the M P Leg Assembly in the general elections *Publications Swadesha and Charkha Panchayat Gram Pradipika* which was prescribed by the Govt in 1930 , a novel in Hindi *Anbujh Iyas* published by Sahitya Bhawan Ltd Allahabad *Address* 59, Civil Lines, Nagpur

MEHTA, F P , B Sc , B Met I I M Business man and Mill Managing Agent *b* Jan 28, 1911 , *m* on Feb 19, 1949 , *Educ* Elphinstone Coll , Royal Institute of Science and Sheffield Univ , J N Tata Scholar , passed out in 1931 with high distinctions Eleven years with Tatas at Jamshedpur, and was in charge of their Steel Making Plant , left Tatas in 1944 to join P N Mehta & Co and P N Mehta & Sons , keenly interested in social welfare and in bringing about a harmonious relationship between capital and labour *Address* Cook's Bldg , 324, Hornby Road Fort Bombay Burhanpur Tapti Mill Ltd Burhanpur E S Madhya Pradesh



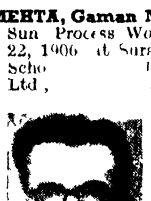
MEHTA, G L , B A , Bar at Law, I A S , Industries & Commerce Secretary, Rajasthan Govt , since March 1953 *b* Dec 20, 1917 at Udaipur, *m* Kanaklata *d* of S C Rajsurana of Calcutta, 1940 *Educ* Govt Coll , Ajmer , stood first in English in Agra Univ B A , London School of Economics Lincoln's Inn, called to the Bar, Feb 1940 Entered Mewar State Civil Service by competition, 1942 , served Mewar State in many capacities and on various Cttees , Supply Secy



to Govt , Development Secy Director of Supplies on formation of Rajasthan in May 1948 , Development Secy and Revenue Secy to Govt , after its merger in Greater Rajasthan, Collector and D M , Bhilwara and Alwar Districts , Director representing Govt on the Board of Directors Associated Cement Co Ltd , The Bank of Jaipur Ltd , The Bank of Bikaner Ltd and Bikaner Gypsum Ltd , etc awarded many honours including Nazim by H H the Maharana of Udaipur travelled extensively over the Continent *Recreations* Tennis, Badminton was Captain, London Varsity and L S E teams, 1939 40 , awarded London Purple' *Clubs* Field Club, Udaipur , N S C I Pres , J K Club, Alwar *Address* 8, Hospital Road, Jaipur

MEHTA, H E Mr Gaganvihari L , M A (Bom), Indian Ambassador to the U S A since Sept 1952 *b* April 15, 1900, *s* of late Sir Lallubhai Samaldas and Shrim Satyavati *m* Saudamini, *d* of late Sir Ramanbhai Nilkanth , three *d* , Mrs Nilanjana Dhar, M A (Cornell), Miss Uma Mehta B A (Cal) and Miss Aparna Mehta (at college), *Educ* New High School, Bombay Elphinstone Coll , Bombay , London School of Economics and Political Science Asst Editor *Bombay Chronicle*, 1923 25 , Manager, Scindia Steam Navigation Co , Ltd , Calcutta, 1928-47 , Pres , Indian Chamber of Commerce, 1939-40 , Pres , Federation of Indian Chambers of Commerce and Industry, 1942 43 Commissioner for the Port of Calcutta, 1930 34, 1940 42, 1946 47 , member, Constituent Assembly of India, 1947 , Adviser to the Indian Employers' Delegation, International Labour Conference, 1937 , Delegate International Chamber of Commerce, Berlin, 1937 , Delegate, International Business Conference, New York, 1944 , member, Indian Delegation to the International Trade Conference, 1947, Post-War Policy Cttees on Industry and Civil Aviation, 1943 45 , Governing Body of the Council of Scientific and Industrial Research, 1947 1952 Pres , Indian Tariff Board, Bombay, Dec 1947 April 1950 , member, Planning Commission, New Delhi, May 1950 52 , member, All India Council for Technical Education Calcutta Nov 1950 52 , member, Council of Indian Institute of Science, Bangalore, 1951 , Chairman, Nuffield Foundation Indian Advisory Committee, 1950-52 , Chairman Tariff Commission, Jan 1952-Sept 1952 *Publications Conscience of a Nation* (1933), *From Wrong Angles* (1934), *Perversities* (1942) *Address* Indian Embassy, Washington

MEHTA, Gaman Manilal, Managing Director, Sun Process Works Ltd Bombay *b* May 22, 1906 at Surat *Educ* Sarvajanik High Scho joined the Sun Process Works, Ltd , me its Managing Director, 1941 Rotarian since 1948 , Freemason since 1940 , Wor Manager, Lodge Reginald Spence No 5514 E C , Chaplain, Lodge Islam No 587 S C , P Z Chapter Crescent No 346 S C , P S R Conclave Darius No 58 , Vice Pres , Western India Football Assoc , Member Bombay Presidency Hockey Assoc and the Indian Merchants Chamber *Clubs* Bombay Presidency Radio Club Royal Western India Turf Club Maharashtra Club, Poona *Hobbies* Swimming, Photography and Contract Bridge *Address Office* No 8 Swadeshi Mills Compound, Tata Road Off New Queen's Road, Bombay 4 *Residence* G Bansilal Building, Opera House Tram Terminus, Bombay 4



MEHTA, Mrs Hansa Manubhai, B A (Philosophy, Hons) Vice Chancellor, Baroda University *b* B m Dr Jivraj N Mehta, Min nance, Bombay, 1924 *Educ* Baroda Member, Bombay Municipal Schools Ctte , 1926, Pres , B P O C , 1930 , Provincial Hindustan Scouts Assen , South Bombay , Fellow of the Senate of Univ of Bombay, 1931 46 , Pres , Senate and Syndicate of the Indian Women s Univ , Leg Council, 1937 and again in 1940 , Parliamentary Secy , Education and Health, 1937-39 , Vice Pres , A I W C , 1930 and off and on and in 1945 , President, The New Education Fellowship since 1937 , Secy , Indian women s representative on the nuclear Sub Commission on the status of Women, 1946 of the U N O Government of India representative on the Human Rights Commission of the U N O member of the Constitutent Assembly , member of the delegation of the Commonwealth Parliamentary Conference 1948 member, Central Advisory Board of Education, Govt of India, 1951 *Publications* In Gujarati, *Balvaratavali, Kishorvartavali, Rukmini, Bavalana Parakramo, Golibarni Musafri, Arun ni adbhut swapnu, Tran natako, Himalya swarup ne bijan natako Hamlet* (translated from Shakespeare), *Venice no vepari* (*Merchant of Venice*) In English, *Adventures of King Vikram, Women under the Hindu Law of Marriage and Succession, Tract on Post War Educational Reconstruction and Civil Liberties Address* C/o The Bank of Baroda Ltd , Fort, Bombay

MEHTA, Jamnadas M , M A , LL B , Bar at Law *b* August 3, 1884 , *m* Mumbai, *d* of Ratanji Ladhuji , *Educ* Jamnagar, Junagadh, Bombay, London Member, Bombay Municipal Corporation, 1922 48 , member, Legislative Assembly, 1923 30 and again 1941-45 and member, National Defence Council 1941-45 , President, All India Railwaymen s Federation from 1931 to '44 and Indian Federation of Labour from 1941 to 1944 , Maharashtra Provincial Congress Committee, 1921 23 , Bombay Provincial Congress Committee 1929 30 , and member, All India Congress Committee, 1921 31 Member of the Working Committee of the Indian National Congress, 1926 , Indian Workers Delegate to the International Labour Conference, 1934 and 1944 , Substitute delegate, Governing Body, I L O , January 1935 , Mayor of Bombay, 1936 37 , Revenue and Finance Minister, Government of Bombay, 1937 Representative of the Govt of India with the Govt of Burma, 1944 to June 1946 , President, Bombay Civic Assoc since 1948 *Address* Sneha Samiti, Malabar Hill, Bombay 6

MEHTA, Dr Jivraj Narayan, L M & S (Bom), M D (Lond), (University Medal), M R C P (Lond), F C P S (Bom), M C A , Minister for Finance, Prohibition and Industries, Govt of Bombay, since May 1952 *b* August 29, 1887 , *m* Smt Hansa Manubhai Mehta , *Educ* Amreli, Bombay State Grant Medical Coll , Bombay and London Hospital Formerly Ag Asstt Director, Hale Clinical Laboratory, London Hospital, London and Chief Medical Officer, Baroda State , Pres , Indian Medical Association, 1930 1943, and 1945 , member, Medical Council of India, 1938 43, and since 1947, Board of Scientific and Industrial Research, India, since 1942 , ex Secy , Health Ministry, Govt of India , Chief Adviser to Govt of India and Govt of Bombay on Baroda Affairs, June August 1949 and Adviser, Ministry of Health, India 1949 Arrested and imprisoned in 1932 33 and detained in 1942 44 under the Defence of India Act Elected to the Bombay Legislative Assembly in March 1946 , Dir Gen of Health Services, Govt of India, 1947 48 Prime Minister Baroda State, June 1948 49 Fellow Univ of Bombay since 1926 , P W D Minister, Bombay, 1949 52 *Publications* 'Studies regarding presence of glycogen in Suprarenal Bodies ', 'The Height, Weight & Chest Measurements enquiry relating to some School Children (Males) in Bombay' *Address* C/o Bank of Baroda Ltd , Bombay

MEHTA, Kanhaiya Lal, B A (Agra), Post graduate Diploma in Public Administration (Lond), Barrister at Law, I C S , Chief Secretary Himachal Pradesh, since March 1952 *b* March 15, 1913, *s* of Kanwar Devi Lal Ji Mehta, Jagirdar and *g gs* of Rai Mehta Panna Lal Ji, C I E Dewan of Udaipur, Jagirdar , *m* Mrs Gisela (born Wittgenstein, Berlin, Germany) Mehta , two *s* , Ashok and Dalip , *Educ* Govt Coll , Ajmer , London School of Economics, Univ of London , Lincoln's Inn Captained the London Univ Tennis and Badminton teams , awarded full Univ colours Joined I C S , 1937 , Deputy Commr Kumaon Division, U P , 1947 48 Chief Commr , Ajmer, 1950 51 *Publ* a few travel articles, which have n the *Statesman* and the *Times* o *Recreations* Tennis, Badminton and Golf *Clubs* Delhi Gymkhana Club and Nainital Boathouse Club *Address* Himachal Dham Simla

MEHTA, Manohar Singh, M A L L B , Home and P W D Minister, Madhya Bharat since March 1952 *b* 1916, at Indore, *s* of Rai Ratan Hullasmal Mehta, Tahsildar, former Holkar State, *Educ* Jain High School , Holkar Coll , Indore Practised at the Indore Bar, 1941 48 , took part in the Prajamandal activities of the Holkar State shouldered the entire work of the Praja mandal during 1942 movement , was Central India States Civil Liberties C was also one of the organisers of th India Journalists Conference , General Secy State Praja Mandal, 1946 elected Pres , Indore City Congress, 1946 General Secy Central India States Peoples Conference , Minister for Medical Health, Jails P W D and Relief and Rehabilitation Indore, 1948, was Chief Administrator, Ratlam, Jaora, Sailana and Sitamau , elected M L A Madhya Bharat, 1950 Education and Labour Minister, Madhya Bharat, 1950 52 , elected to the Madhya Bharat Assembly in the General election from the Indore City Constituency *Address* Minister for Home and P W D Madhya Bharat, Gwalior

MEHTA, Capt Mino Sorabjee, Area Secy for Gujarat and Kathiawar, Western India Automobile Assoc *Educ* Richmond Lodge Preparatory School Torquay , Taunton School, Taunton Sidney Sussex Coll , Cambridge M A in History, Law and Economics Early part of the war member, Ahmedabad District War, A R P , Broadcasting and Civic Guards Cttees , Hon Magistrate , raised and commanded Ahmedabad Motorised Civic Guards , commissioned in the R I A S C served with No I M T U (Chaklala (1942 43) , selected for a staff appointment, A I R O , Poona and Nagpur (1943 44) , Public Relations Officer, G H Q , New Delhi (1944) , Military Press Censor, Bombay (1944 45) , Staff Captain Welfare, H Q Poona and Bombay Sub-Areas (1945 47) , Liaison officer to the mission from the Ministry of Education from U K , 1946 returned to his civil employment member Indian Merchants Chamber Bombay , Gujarat Vepari Mahamandal, Ahmedabad *Clubs* Reform , Ahmedabad , Ahmedabad Gymkhana Ahmedabad Rotary, Ahmedabad , Poona and New Clubs, Poona *Recreations* Motoring Travelling, Journalism, Bridge *Address* The Cellar Khanpur, Ahmedabad

MEHTA, H E Dr Mohan Sinha, M A , LL B (Allahabad), Ph D (Lond), Barrister at-Law (Middle Temple), India s High Commissioner in Pakistan, since May 1951 *b* 20th April 1895 at Bhilwara , *m* Shrimati Hulas Kumari Mehta (died, Aug 1924), *Educ* D A A V High School and Government Collegiate School, Ajmer, Agra Coll , Agra , Ewing Christian Coll and Univ School of Law, Allahabad and the London School of Economics and Political Science, London Lecturer in Economics, Agra Coll , 1918 19 Govt Coll , Ajmer, 1919 20 , Secy , All India Seva

Samiti (Headquarters, Allahabad), Head quarters Hon Scout Commr for India, S S B S A, 1922 ... M war State Service in 1922 as Dist ... ate, Asstt Settle ment Officer, ... ue Officer, 1928, Offg Revenue C ... 1935, Diwan Bans wara State, June 1937 to Aug 1940, Revenue and Education Minister from April 1941 and Minister for Sup ... founded Vidya ... co educational ... School, a Teachers Training Coll ... Handi crafts Institute, a Basic School and Nursery Section) at Udaipur in 1931 of which he is the Founder President, Vice President, All India Seva Samiti (Allahabad) Convener, Supply Committee of the Regional Board of Raj putana, April 1942, member of the Central Advisory Board of Education, Chief Minister, Banswara State (Rajasthan), 1944-47, Finance Minister Mewar State, Mewar State Repre sentative to the Constituent Assembly of Indian Union, India s Ambassador to the Netherlands, till May 1951 *Publications Lord Hastings and the Indian States* *Address* Karachi Pakistan

MEHTA, Mohanlal Tulsidas Sopan, Editor, *Janmabhoomi*, *Pravasi* and *Akhand Anand* *b* Jan 14, 1910, *s* of Tulsidas and Shivkuvar, *m* Labhuben Amratlal Sheth three *d*, Varsha, Gita and Rupa *Educ* Karachi Took active part in National Struggle from 1930-47 *Publications* 30 publications in Gujarati Short Story Novel, Biography, Sociology and Politics some of his books have been translated into English Hindi, Sindhi, Tamil and Malayalam, conducts a publishing house and a printing pre ... phy *Address* Gulbai ... hobi Talao, Bombay 1

MEHTA, P L, J P, I P, Commandant of India s first Central Police Training College for I P S Officers, is a senior member of the Indian Police *b* in 1907, *Educ* Calcutta 'Varsity Joined the I P in Jan 1930 and soon made his mark has held several important positions in Bengal, was appointed Deputy Director, Intelligence Bureau and in charge of Special Police Establishment, Govt of India, is an all round sportsman, has won the All India Tennis Championship—Singles and Men s Doubles in 1929 at Allahabad, is a skilled horseman and a keen shikari *Address* Central Police Training College for I P S Officers Abu

MEHTA, P N, J T M A M S T, Millowner and business man Gold Medalist *b* Dec 27, 1877, *m* on May 28 1922 *Educ* V J T Institute, Bombay was a scholarship holder passed out in 1897 *with high distinc tions*, won Lord Reay Gold Medal with Honours Diplo ma Weaving *Master in sole charge* of his department in the New Great Eastern Mills Ltd Bombay, the late Mansukhbhai Bhaghubhai s Mills, Ahmedabad, the Presidency Mills, Bombay and the Colaba Land and Mill Co Ltd, Bombay, 1898-1905, left for England for further studies in textile manufacture on Government of India State Technical Scholarship 1905 proceeded to Man chester and obtained certificates in the Faculty of Technology of the Victoria University a ... s Diploma of the Municipal (... chnology, at the City and Guilds of ... Examination awarded the Silver Medal and Money Prize in carding and spin ning and also First Class Honours and Bronze Medal in dyeing of cotton yarn and piecegoods and first class certificate in various textile manufacturing and designing subjects and in bleaching, dyeing, printing and finishing of textile fabrics, returned to India in 1908 and appointed Textile Expert to the Govt of Bombay to organise and conduct a survey of the handloom weaving industry in the Presidency, Technological Expert and Adviser to different cotton mills in India since 1909, interested in the import of English yarns, piecegoods and textile machinery, actively engaged in introducing into India the weaving of fine piecegoods with fine yarns imported into India of 40 to 120 counts, renders assistance to mills in Bombay, Ahmedabad, Rajasthan, W Bengal and other parts of India, importer of cotton spun silk and art silk yarns and piecegoods from England, the continent of Europe, China and Japan, textile machinery for the weaving dyeing, bleaching and finishing of cotton piecegoods, cloth selling agent for local mills purchased the Crescent Mills of the Currimbhoy Group with the help of his friends and converted it into a fine spinning and weav ing Mill 193 Managing Agent Burhanpur Tapti Mills Ltd since 1942 takes part in social and public activities especially for the benefit of the Parsee unemployed, liberally contributed to social and other institutions, donated large sums to Dr Massina s Hospital, has built a cheap rent chawl for the benefit of Parsees, founded a lying in hospital at Udwada, is engaged in promoting employment centres to educate and give employment to the Parsee unemployed, has taken over a Parsi Boarding School at Nasik with a view to running it on modern lines on non profit basis, the total cost approximating Rs 6,00,000 This school is now called "The Boys Town and is open to boys of all communities *Address* Cook s Building, 324 Hornby Road, Fort Bombay



MEHTA, Prabhudas Vanechand, B Sc (Bombay), D I C (Lond), M I I Chem E, General Manager, Calico Industrial Engineers, Andheri Bombay Manager of Calico Dyeing and Printing Works Tardeo, Bombay *b* Sept 2 1913, *s* of Vanechand Muljibhai Mehta and Radhabhen Narsidas Mehta *m* Snehlata, *d* of Vithaldas Narbheram Parekh, one *s*, *Educ* Sanatan Dharma High School, Bhavnagar, Fergusson College, Poona Imperial College of Science and Technology, London after finishing D I C in Fuel Technology and Chemical Engineering, took D I C in Advance Chemical Engineering conducted research for two years in 'Pressure drop in packed columns' at the Imperial College of Science and Technology, London erected and started Calico Dyeing and Printing Works 1942, erected and started Calico Industrial Engineers 1946, member Working Cttee, and Hon Secy, All India Manufacturers Organization Pres, Textile Processors Association (India), member Industrial Machinery Development (of D G I & S, New Delhi Pres of Indian Industries, Bombay *Publicat How to start an Industry* published by the All-India Manufacturers Organization Bombay *Recreations* Tennis, Reading and Photography *Clubs* W I A A Club House Ltd, Cricket Club of India Ltd and Orient Club, Bombay *Address* Mani Bhuvan French Bridge Bombay



MEHTA, Shrimukhrao Laxmilal, I C S, B A (Hons) (Bom & Cantab), Ex Food Commis sioner and Chief Secy to Govt of Assam *b* Nov 1 1892, at Ahmedabad, *m* Shrim Manorama, one *s* and one *d*, *Educ* Gujarat College Ahmedabad and Clare College, Cambridge Joined as Asstt Commissioner, held charge of several Subdivisions and districts, was Director of Industries, Registrar of Co operative Societies District and Sessions Judge, Secretary Edu ... Medicine and L S G and Finance ... Secretary *Recreations* Tennis, ... Billiards *Club* Shillong Club ... Kismet, Shillong Assam

MEHTA, S N I S ... I C S Secretary, Planning ... dhya Pradesh *b* October ... University Nagpur ... r M P (1928 32), A D M (1935 42) Deputy Commissioner Chanda, Nagpur and Sagar (1935-42), Prime Minister, Kotah, 1942 43, Deputy Controller-General of Civil Supplies, Bombay, Import & Export Trade Controller, Chief Controller, Import & Export and Joint Secretary, Commerce Dept (1943 47), Prime Minister, Kotah on merger of Kotah, posted as Chief Commissioner, Chattisgarh (1947 48) Chair man, Board of Industries, M P (1948 49) ex Chief Minister Vindhya Pradesh Rewa May 1949 *Address* Nagpur

MEHTA, Vaikunth Lallubhai, B A Member, Taxation Enquiry Commission, Govt of India 1953 54 and Chairman All India Khadi and Village Industries Board *b* Oct 23 1891 *m* Mangla, *d* of Pratapral Vajeshanker of Bhavnagar, *Educ* New High School and Elphinstone College Bombay Winner of Ellis Scholarship, B A Examination Manager Bombay Central (Provincial) Co operative Bank Ltd 1912 15 and Managing Director 1922 46, Secretary, Social Service League, Bombay till 1946 Hon Secy, Bombay Provincial Co operative Institute, 1943 46, member Bombay Provincial Banking Inquiry Committee, 1929, member, Textile Labour Inquiry Committee, Bombay 1937-40 member, Bombay Provincial Board, Harijan Sevak Sangh, Minister, Finance Co operation and Village Industries, Govt of Bombay 1946-52 Member, Finance Commn, 1952 *Public ations The Co-operative Movement*, 1915, *The Co operative Movement in India*, 1918 *Studies in Co-operative Finance*, 1927, *Planning for Co-operative Movement*, 1941 *Address* Murzbanabad Andheri (Western Railway)

MEHTA, Vinod Markand, B A (Hons), LL B, Bar at-Law, Ex Puisne Judge, Madhya Bharat High Court *b* Feb 24, 1893 at Surat, *m* Rai Ratan Jyotsna, *d* of Sir Ramanbhai and Lady Vidyagauri Nilkant, one *d*, Mrs Vasanti Jha, B A *Educ* Elphinstone Coll, Bombay, called to the Bar from Gray s Inn, London *Recreation* Vocal Music *Club* Residency Club, Indore *Address* 4 Yashvant Nivas Road, North Tukoganj, Indore

MENEZES, Armando, M A Professor of English Bombay Educational Service since 1939 *b* May 11, 1902, *s* of Luis Manuel de Menezes and Armida Correia Lobo *m* Matilde Rebelo five *s* and two *d* *Educ* St Xavier s Coll Bombay Assistant Pro fessor English and Latin, St Xavier s Coll Bombay (1924 39), Principal Karnatak Coll Nov 1950 March 1952, Under Secy, Educa tion Deptt, Bombay, Nov 1949 June 1950 *Publications Chords and Discords Chaos and Dancing Star*, *Ancestral Face* (collections of lyrics), *The Emigrant and The Fund* (satires), *Caste, a Comedy*, etc etc *Recrea tions* Table Tennis, Bridge Philosophy Music *Clubs* Staff Club M N Coll Mathuradas Club V ... College, Visnagar

MENON, K A Damodara, B A, B T D T, M P *b* June 10, 1906, *s* of late T R Achuthan Pillai, High Court Vakil and late Smt Nangu Amma, Kalappurakkal, *m* V K Leela, B A, two *s* and one *d* *Educ* Govt High School, Parur, Maharajah s Coll Tri vandrum, Law Coll, Trivandrum, Training Coll Rangoon Gave up job in Burma to join the Salt Satyagraha 1930 was arrested and convicted several times between 1930 and 1932, was detained at Amraoti (M P), 1942 45, was Secy and Treasurer, Kerala Prov Congress Cttee, Editor Mathrubhoomi Calicut, 1937 48 member A I C C, Kerala Congress Executive, Secy Aikya Kerala Cttee, Pres, several Labour ... 19 Malabar elected to Provision ... it 1949, resigned from the Con ... m the opposition formed by ... elected to the House of the ... 2 *Publications Rastravignana* ... *Tal* (short stories), *Bhawanasoonam* *Address* Sivapuri, Kozhikode 16 ... shah Road, New Delhi

MENON, K P Kesava, B A, Bar at Law Editor MATHRUBHUMI, Calicut, since Oct 1953 *b* Sept 1, 1886, in Malabar, *Educ* Madras, called to the Bar 1915 Set up practice in Calicut, joined the Indian National Congress Secy, Malabar Dist Congress Home Rule League started by Mrs Annie Beasant, went to Madras for practice 1919, started the Neo Fabian Society to study political problems gave up practice to join the 1921 Non Co-operation Movement Secy, Kerala Prov Congress Cttee founded the MATHRUBHUMI Malayalam Daily, 1923 led the famous Vaikam Satyagraha movement in Travancore to establish the right of the untouchables to walk along public roads, 1924 arrested and imprisoned released 1924, set up practice in Singapore 1927, took active part in the Indian associations and labour organisations, imprisoned by the Japanese, 1944, released after the liberation, took up the editorship of MATHRUBHUMI, 1948 Chairman Local Library Authority, Malabar, 1949 Pres Aikya Kerala Cttee 1949, Calicut Forum was member, Standing Cttee of the All India Newspaper Editors Conference High Commr for India in Ceylon *Publication* Various book in *Address* Calicut Malabar

MENON, H E Mr K P S, M A (Oxon) C I E I C S Indian Ambassador to Russia since Sept 1952 *b* Oct 18, 1898, *m* Saraswati, *y d* of late Sir Sankaran Nair, 1923, *Educ* X'ian Coll, Madras Christ Church Oxford I C S, 1921 Addl Deputy Secy to the Govt of India, Foreign and Political Dept, Under Sec to the Hon the Resident at Hyderabad, also on the Frontier for 3 years, Agent to the Government of India in Ceylon, 1929 33 deputed by Government of India on Special Mission to Zanzibar, Kenya & Uganda, to enquire into the position of Indians there, 1934, Dewan of Bharatpur State for about 3 years, attended the San Francisco Conference in 1945, attended the General Assembly of the United Nations in New York in 1946 Agent General of the Govt of India in China from 1943 to Jan 1947, Ambassador for India in China, March 1947, Chairman United Nations Commission on Korea 1948 Forgn Secy Govt of India, 1948 May—1952 Sept *Publications* *Delhi Chungking* *Address* External Affairs Ministry, New Delhi

MENON, Konnanath Rama Krishna, M A, B L, C I E (1946), M B E (1938), Secretary, Finance Ministry, Govt of India, since August 1948 *b* June 21, 1901, *m* Saraswathi, *d* of K P Gopal Menon Bar-at-Law, Retired Judge, Travancore High Court, *Educ* St Joseph s College, Trichinopoly and Law College, Madras Joined service, May 1924 (Mily Acctts Dept) after passing Indian Audit & Acctts Competitive Exam, Dy Mily Acctt Genl, 1936, selected to the Finance & Commerce Pool, 1939, Commissioner of Income Tax, Bombay, 1939 41, Madras, 1941 42, Director of Statistics, Supply Deptt 1942 Director of Inspection, Income Tax, 1943 47 Member Central Board of Revenue 1947-48 *Address* Pampady P O (Cochin), Lakkiti (S Ry)

MENON, M Gopala, B A (Madras) Representative of the Govt of India in Malaya, Singapore *b* 1902 *s* of P K Manavikraman Raja of the Zamorin family of Calicut and Smt Tathakutty Amma, *m* Smt Bhagirathy Menon, one *s* Indu Menon and one *d* Ruku Menon, *Educ* Madras Univ and Jamia Milia (Aligarh) Under Secy i/c, U N Branch, Ministry of External Affairs and Commonwealth Relations, 1946 Secy Indian Delegation to the U N General Assembly, 1947 Alternate Indian Representative ... ion of the ... 48 Altern ... Council ... Dispute, 1949, Adviser Secy, Indian Delegation to the Economic and Social Council, 1949, Adviser, Hyderabad Delegation to the Security Council, 1949, Ag Head, Permanent Indian Delegation, Sept 1948 June 1949, Adviser Secy 4th Session of the U N General Assembly, 1949, Alternate Indian Representative to the Security Council, 1949 50, Alternate Representative on the Atomic Energy Comm and the *Comm on Conventional Armaments*, 1949 50 Secy General Indian Delegation to the 5th Session of the General Assembly *Address* Representative of the Govt of India in Malaya Singapore

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MENON, P Govinda, M A B L M L A Ex Finance and Civil Supplies Minister Travancore Cochin State *b* Sept 1906 *m* K Madhavi Amma *Educ* Ernakulam Trichur and Madras Advocate High Court of Cochin, was Prime Minister former Cochin State was elected to the Travancore Cochin Leg Assembly in the general elections was again elected to the St ... ly from Chalakkudy Constituency *Address* Ernakulam

MENON, Mr Justice P Govinda, B A, B L, Judge, High Court, Madras, since July 1947 *b* September 1896, *s* of V K Kunhan Unni *m* Kalyanikutti Amma *d* of Dewan Bahadur K S Menon, Ex Chairman, Air Transport Licensing Board Govt of India one *s* *Educ* Ganpat High School Calicut, Zamorin s Coll Calicut, Presidency Coll, Madras, Law Coll, Madras Enrolled Sept 1920, practised in the Madras High Court, both Civil and Criminal appointed Crown Prosecutor, Dec 1940, proceeded to Japan as the Indian Representative before the International Military Tribunal for the Far East at Tokyo prosecuting General Tojo and other major Japanese war criminals and was in Japan from April to Sept 1946 as the Chief Indian Prosecutor *Publications* Author of the Chapter on Marumakkathayam and Aliyasanta law in Mayne s Hindu Law *Address* Judge, High Court, Madras

MENON, P S, Agent of the Government of India in Ceylon, Kandy *b* July 1, 1904 *s* of late V Gopala Menon *m* Yezhuvath Thankamma *Address* Agent of the Govt of India in Ceylon Kandy

MENON, Thotakat Govind, B A B Sc, Associate I A R I (Pusa) Ph D Munich A I R O was Indian Govt Trade Commissioner in Australia *b* March 18, 1904 *m* Saraswati Menon two *s*, *Educ* Presidency Coll, Madras, Univ of Madras, Univ of Munich Joined service, 1937, Asstt Marketing Officer, Asstt Controller of Purchase, Asstt Director of Supplies, Under Secy Ministry of Commerce Trade Commissioner for India in Ceylon, Consul General for India in the Philippines Counsellor (Com ...) to the Embassy of India, Indonesia ... C o External Affairs Ministry New

MENON, V K Krishna, B A (Madras), B Sc (Econ), London, M A, London, M Sc (Econ), London, Bar at Law Middle Temple, King s Inns Dublin (Honoris Causa), M P (Council of States) *b* 3rd May 1897, *Educ* Tellicherry and Calicut (Malabar), Madras and London, National University, Adyar Lecturer, 1919 22, Boy Scout Commissioner, Madras and Cochin, 1918 24, Secretary, India League, 1929-47, Councillor, St Pancras London, 1934 47 Chairman, Arts Council, St Pancras, Labour Parliamentary Candidate, Dundee, Scotland 1939 42, Special Representative of the Government of India, 1946 47 Alternate delegate at the U N O General Assembly meeting at Lake Success, 1946 47 represented India at various International Congresses on behalf of Indian National Congress for Jawaharlal Nehru from 1936 visited various European capitals as Pandit Nehru s Personal Representative and made preliminary arrangements for establishing diplomatic relations High Commissioner for India in London 1947 52 India s Ambassador to Ireland 1949 52 Delegate to the U N 1952 53 *Publications* First Editor Pelican Books Editor 20th Century Library (Bodley Head) Pamphlets and Articles such as *India Britain and Freedom* *Why must India Fight* *Britain s Prisoner* *Nehru* ... *India against Fascism* *Indepen...* collaboration with late Ellen Wilkinson ... *Condition of India* *Address* The India Club 41 Craven Street Strand London W C 2 Eranimpalam Kallai Malabar

MENON, V K N, B A (Hons) B Litt (Oxon) Professor of Politics Patna University *b* March 1 1897 *s* of late Paliath Krishnan Valia Achan and late Shrimati V K Nanikkutty Amma *m* Lakshikutty Amma (Lakshmi N Menon, M P), *d* of late M Ramavarma Thampan Travancore Educational service *Educ* Maharaja s Coll Ernakulam Presidency Coll Madras St John s Coll, Oxford, The London School of Economics The Univ of Paris Reader (earlier Lecturer) in Political Science Lucknow Univ till 1948, Director of the Bureau of Research in Public Administration, Public Service Commission U P 1948 Professor of Politics Patna Univ 1948 49 and 1951 53 Vice Chancellor Travancore Univ Jan 1950 Feb 1951 Vice Chancellor, Patna Univ 1953 54 *Publication* Articles in learned period...
Addr...

MENON, Vallathol Narayan, Poet Laureate of Malayalam and Art Director President Kerala Kalamandal *b* Oct 1879 *s* of Damodaran Elayath, *m* Smt Madhavi Amma five *s* and three *d* *Educ* Studied Sanskrit privately Edited a Malayalam bi weekly at Trichur for five years, was Manager of a Printing and Publishing firm for the same period, was Editor *Atmaposhini*, Kunnamkulam, toured U S S R and Europe, 1950 founded Kerala Kalamandalam a school of dance about a quarter of a century ago *Publications* Translated Valmiki s immortal epic *Ramayana* into malayalam in his twenty fourth year, has published nearly forty books mostly lyrical poems *Mary Magdalene* considered to be the best has been translated into English and published by Meridian Books Ltd a collection of poems on Russia in Malayalam and translated into Russian language is now translating *Rig veda* into Malayalam other original poems *Kochu Seetha* *Badhira Vilapam* *Bappuji* *Indiayudae Karachil* *Gandha Viharam* (criticisms) *Address* Cheruthuruthy Via Shoranur Travancore Cochin State

MENON, Vapal Pangunni, ex Adviser Ministry of States Govt of India *m* 1st, 1925, 2nd, 1941 Srim Kanakama, two *s*, *Educ* Ottapalam High School Joined service, 1914 Asstt Secy, Govt of India, Reforms Office 1933 Under Secy 1934 Dy Secy, 1936-40 Joint Secy, June Oct 1937 and June-Oct 1938 Deputy Secretary to Governor

MENON, K P Kesava, B A, Bar at Law Editor, MATHRUBHUMI, Calicut, since Oct 1953 *b* Sept 1, 1886, in Malabar, *Educ* Madras, called to the Bar 1915 Set up practice in Calicut, joined the Indian National Congress, Secy, Malabar Dist Congress, Home Rule League started by Mrs Annie Beasant, went to Madras for practice, 1919, started the Neo Fabian Society to study political problems gave up practice to join the 1921 Non Co-operation Movement, Secy, Kerala Prov Congress Cttee, founded the MATHRUBHUMI, *Malayalam Daily*, 1923, led the famous Vaikam Satyagraha movement in Travancore to establish the right of the untouchables to walk along public roads 1924, arrested and imprisoned, released 1924 set up practice in Singapore 1927, took active part in the Indian associations and labour organisa tions, imprisoned by the Japanese, 1944, released after the liberation, took up the *editorship of MATHRUBHUMI 1948* Chair man, Local Library Authority, Malabar 1949 Pres Aikya Kerala Cttee 1949 *Calicut Forum* was member, Standing Cttee of the All India Newspaper Editors Conference, High Commr for India in Ceylon 1951-52 *Publications* Various books in Malayalam *Address* Calicut Malabar

MENON, H E Mr K P S, M A (Oxon), CIE ICS Indian Ambassadar to Russia, since Sept 1952 *b* Oct 18, 1898 *m* Saraswati, *y d* of late Sir Sankaran Nair, 1923, *Educ* X'ian Coll Madras, Christ Church, Oxford ICS, 1921 Addl Deputy Secy to the Govt of India, Foreign and Political Dept, Under-Sec to the Hon the Resident at Hyderabad, also on the Frontier for 3 years, Agent to the Government of India in Ceylon, 1929 33, deputed by Government of India on Special Mission to Zanzibar, Kenya & Uganda, to enquire into the position of Indians there, 1934, Dewan of Bharatpur State for about 3 years, attended the San Francisco Conference in 1945, attended the General Assembly of the United Nations in New York in 1946, Agent General of the Govt of India in China from 1943 to Jan 1947, Ambassador for India in China, March 1947, Chairman, United Nations Commission on Korea, 1948 Forgn Secy Govt of India, 1948 May—1952 Sept *Publications Delhi Chungking Address* External Affairs Ministry, New Delhi

MENON, Konnanath Rama Krishna, M A, BL, CIE (1946) MBE (1938), Secretary, Finance Ministry, Govt of India, since August 1948 *b* June 21, 1901, *m* Saraswathi, *d* of K P Gopal Menon Bar-at Law, Retired Judge, Travancore High Court, *Educ* St Joseph s College, Trichinopoly and Law College, Madras Joined service, May 1924 (Mily Acctts Dept) after passing Indian Audit & Acctts Competitive Exam, Dy Mily Acctt Genl, 1936, selected to the Finance & Commerce Pool, 1939, Commissioner of Income Tax, Bombay, 1939 41, Madras 1941 42, Director of Statis tics Supply Deptt, 1942 Director of Inspection, Income Tax, 1943 47 Member, Central Board of Revenue, 1947-48 *Address* Pampady P O (Travancore-Cochin), Lakkiti (S Ry)

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MENON, H E Parakat Achutha, B A (Hons) (Madras), ICS, Indian Ambassador in Belgium since Oct 1951 *b* Jan 2, 1905, *s* of late Sir M Krishnan Nair, one time Dewan of Travancore and Law Member, Madras Govt, *m* Palat Padmini Menon, one *s* and one *d*, *Educ* Presidency Coll, Madras, New Coll, Oxford Joined I C S, 1929, Under Secy to Govt of Madras, P W D (1934 37), Under Secy to Govt of India, Home Dept (1938 41), Collector of Guntur (1941 43), Deputy Secy and Secy, India Supply Mission, Washington, U S A (1943 47), Joint Secy to the Govt of India, External Affairs, 1947 49, was nominated member of Indian Legislative Assembly (1938 39), attached to several international Conferences (United Nations 1944, 1946, U N R A A, 1946), Envoy Extraordinary and Minister Plenipotentiary of India in Portugal, 1949 51 *Recreation* Swimming *Clubs* Several *Address* Indian Embassy, Brussels, Belgium

MENON, P Govinda, M A, B L, M L A, Ex Finance and Civil Supplies Minister Travancore Cochin State *b* Sept 1906 *m* K Madhavi Amma *Educ* Ernakulam Trichur and Madras Advocate, High Court of Cochin was Prime Minister former Cochin State was elected to the Travancore Cochin Leg Assembly in the general elections was again elected to the State Assembly from Chalakkudy Constituency, 1954 *Address* Ernakulam

MENON, Mr Justice P Govinda, B A B L, Judge High Court, Madras, since July 1947 *b* September 1896, *s* of V K Kunhan Unni, *m* Kalyanikutti Amma, *d* of Dewan Bahadur K S Menon, Ex Chairman, Air Transport Licensing Board Govt of India one *s*, *Educ* Ganpat High School, Calicut, Zamorin s Coll, Calicut, Presidency Coll, Madras, Law Coll, Madras Enrolled Sept 1920, practised in the Madras High Court, both Civil and Criminal appointed Crown Prosecutor, Dec 1940, proceeded to Japan as the Indian Representative before the International Military Tribunal for the Far East at Tokyo prosecuting General Tojo and other major Japanese war criminals and was in Japan from April to Sept 1946 as the Chief Indian Prosecutor *Publications* Author of the Chapter on Marumakkathayam and Aliyasanta law in Mayne s Hindu Law *Address* Judge, High Court, Madras

MENON, P S, Agent of the Government of India in Ceylon Kandy *b* July 1, 1904, *s* of late V Gopala Menon, *m* Yezhuvath Thankamma *Address* Agent of the Govt of India in Ceylon, Kandy

MENON, Thotakat Govind, B A, B Sc, Associate I A R I (Pusa), Ph D, Munich, A I R O, was Indian Govt Trade Commissioner in Australia *b* March 18, 1904, *m* Saraswati Menon, two *s*, *Educ* Presidency Coll, Madras, Univ of Madras Univ of Munich Joined service, 1937, Asstt Marketing Officer, Asstt Controller of Purchase, Asstt Director of Supplies, Under Secy, Ministry of Commerce, Trade Commissioner for India in Ceylon, Consul General for India in the Philippines, Counsellor (Commercial) to the Embassy of India, Indonesia *Address* C/o External Affairs Ministry New Delhi

MENON, V K Krishna, B A (Madras), B Sc (Econ), London, M A, London, M Sc (Econ), London Bar at Law, Middle Temple, King s Inns Dublin (Honoris Causa), M P (Council of States) *b* 3rd May 1897, *Educ* Tellicherry and Calicut (Malabar), Madras and London, National University, Adyar Lecturer, 1919-22, Boy Scout Commissioner, Madras and Cochin, 1918-24, Secretary, India League, 1929-47, Councillor, St Pancras, London, 1934 47, Chairman, Arts Council, St Pancras, Labour Parliamentary Candidate, Dundee, Scotland, 1939-42, Special Representative of the Government of India 1946 47, Alternate delegate at the U N O General Assembly meeting at Lake Success 1946 47 represented India at various International Congresses on behalf of Indian National Congress for Jawaharlal Nehru from 1936 visited various European capitals as Pandit Nehru s Personal Representative and made preliminary arrangements for establishing diplomatic relations High Commissioner for India in London, 1947 52 India s Ambassador to Ireland 1949 52 Delegate to the U N 1952 53 *Publications* First Editor Pelican Books Editor, 20th Century Library (Bodley Head) Pamphlets and Articles such as *India Britain and Freedom Why must India Fight Britain s Prisoner Nehru Unity with India against Fascism Independence*, in collaboration with late Ellen Wilkinson, *The Condition of India Address* The India Club 41 Craven Street Strand, London, W C 2 Iranimpalam, Kallai Malabar

MENON, V K N, B A (Hons) (Madras), M A (Oxon) Professor of Politics Patna University *b* March 1 1897 *s* of late Paliath Krishnan Valia Achan and late Shrim V K Nanikkutty Amma *m* Lakshikutty Amma (Lakshmi N Menon M P), *d* of late M Ramavarma Thampan Travancore Educational service *Educ* Maharaja s Coll Ernakulam Presidency Coll Madras St John s Coll Oxford The London School of Economics The Univ of Paris Reader (earlier Lecturer) in Political Science Lucknow Univ till 1948 Director of the Bureau of Research in Public Administration Public Service Commission U P 1948 Professor of Politics Patna Univ 1948 49 and 1951 53, Vice Chancellor Travancore Univ Jan 1950 Feb 1951 Vice Chancellor Patna Univ, 1953 54 *Publication* Articles in learned periodicals *Recreations* Walking, Reading *Address* The University, Patna

MENON, Vallathol Narayan, Poet Laureate of Malayalam and Art Director President Kerala Kalamandal *b* Oct 1879 *s* of Damodaran Elayath *m* Smt Madhavi Amma, five *s* and three *d* *Educ* Studied Sanskrit privately Edited a Malayalam bi weekly at Trichur for five years, was Manager of a Printing and Publishing firm for the same period was Editor *Atmaposhini*, Kunnamkulam toured U S S R and Europe 1950 founded Kerala Kalamandalam' a school of dance about a quarter of a century ago *Publications* Translated Valmiki s immortal epic *Ramayana* into malayalam in his twenty fourth year has published nearly forty books mostly lyrical poems *Mary Magdalene* considered to be the best, has been translated into English and published by Meridian Books Ltd a collection of poems on Russia in Malayalam and translated into Russian language is now translating *Rig veda* into Malayalam other original poems *Kochu Seetha, Badhira Vilapam Bappuji Indiayudai Karachil Gandha Viharam* (criticisms) *Address* Cheruthuruthy *Via* Shoranur Travancore Cochin State

MENON, Vapal Pangunni, ex Adviser, Ministry of States, Govt of India *m* 1st, 1925, 2nd, 1941, Srim Kanakama, two *s*, *Educ* Ottapalam High School Joined service, 1914, Asstt Secy, Govt of India, Reforms Office, 1933 Under Secy, 1934, Dy Secy, 1936-40, Joint Secy, June Oct 1937 and June-Oct 1938, Deputy Secretary to Governor-

General (Reforms), 1940 42, Joint Secy to Governor General (Reforms), Feb June, 1941 *Reforms Commissioner* Sept 1942 to Aug 1947, Secy to Governor General (Public) and Secy to the Cabinet, 1945 46, Secy Ministry of States, July 1947-Oct 1948 and Dec 1949 May 1951, Adviser, Ministry of States Oct 1948 Nov 1949 Offg Governor of Orissa, May July 1951 member Finance Commission, 1951 *Address* Shelter Cooke Town, Bangalore 5

MENSHIKOV, H E Mikhail Alexeevich, Ambassador Extraordinary and Plenipotentiary of the U S S R in India *b* 1902 in a peasant s family near Moscow has three s and one *d* *Educ* Moscow Institute of National Economy Occupied in succession on important posts in the Export Import Organizations such as Director A R C O S Ltd London Director Exportkhleb (an All Union Organization dealing in Export of Grain Moscow), Chairman Exportles (Timber Export), Deputy Director General U N Relief and Rehabilitation Administration (U N R R A) and on its behalf organized relief work in war devastated areas of various European countries 1944 46 headed a U N R R A mission to Poland, Deputy Foreign Trade Minister U S S R, 1946 appointed first Deputy Minister Soviet Foreign Trade Minister 1949 51 carried out other important governmental assignments *Address* 6 Canning Road, New Delhi

MENZIES, Sir Robert, Kt, O B E (Mil) (1918), V D C A, Chairman and Managing Director, The British India Corporation, Ltd, Kanpur, U P Director of several other Companies *b* Edinburgh, 1891, *y s* of the late Archibald Menzies, S S C, Edinburgh, *m* Jenny Hamilton, *el d* of the late Lt-Col Thomas Young of Edinburgh (1932), *Educ* George Watson s College, Edinburgh Morrison s Academy, Crieff, Edinburgh University Chairman, The Federation of Woollen Manufacturers in India, 1941 47, Commandant, Cawnpore Contingent A F I 1921-33 and 1940 47 Member Institute of Chartered Accountants of Scotland (1914) served in Great War 1914 18 dispatches 1917, 1918 and 1919 President Upper India Chamber of Commerce 1939 1940, 1941, 1944 and 1945 *Clubs* Cawnpore Caledonian Oriental and R A C London *Address* Strathcarron, Kanpur U P

MERCHANT, Vrajlal Harkisondas, A M S E M I San E, M R San I, R P, A M I E (Civil), M I P T (San), London L S E, L S G D, M I S E (Cal) M M F A (India) Civil and Sanitary Engineer



b May 8, 1913, *m* Champa vati (deceased), *d* of I H Bhagat one *d* Prabhavati *m* again Smt Damavanti *d* of Prabhudas Narandas Proprietor, Victoria Sanitary Stores practising as Architect and Sanitary Engineer, Bombay, extensively travelled in India England, France, Italy and Switzerland on professional tour 1950 Member Assoc of Sanitary & Domestic Engineers (India) Ltd, Life Member P M Swimming Bath Worshipful Company of Plumbers (London) and A Cmc S I Member, The Town & Country Planning Assoc W I A A *Recreations* Photography, Swimming *Address* 55 Tapbai s Bungalow, H Goregaoker Road Cumbeal, Bombay 7

MEYER, H E Ernst Wilhelm, Doctor of law and political science Ambassador of the Federal Republic of Germany *b* April 2, 1892, *s* of Justice Paul Meyer and Martha Meyer *née* Krause, *m* Annemarie Meyer *née* Mascow, *Educ* Universities of Breslau and Strassburg (Alsace) Admitted to the Bar, German foreign service since 1921 German legations Athens Greece Belgrade Yugoslavia and German Embassy at Washington Professor of political science at Lewisburg Pennsylvania and at the Univ Frankfurt Germany *Publications Struggle about German Foreign Policy, Grounds and conditions for peace Recreations* Golf Swimming *Clubs* Chelmsford Club Gymkhana Club Golf Club *Address* Embassy of the Federal Republic of Germany, New Delhi

MIRA Behn (Miss Madeleine Slade) *b* Nov 22 1892, *d* of a British Admiral Renouncing a life of luxury, took a vow of poverty and joined Mahatma Gandhi s Ashram, a staunch follower of Mahatma Gandhi thrice convicted in connection with Civil Disobedience Movement, accompanied Mahatma Gandhi to England, 1931 went on tour to Britain and America, lecturing on the Indian situation, 1934 35, arrested 9th August, 1942 along with Mahatma Gandhi and confined in Aga Khan s Palace for 21 months in Nov 1944 started small Ashram of her own on Gandhian lines in April 1946 appointed Special Adviser to Govt of U P for 'Grow More Food Campaign' from 1947 to 1950 Adviser for Development, now engaged in cattle and village development work in the Himalayas *Publications Bapu s Letters to Mira Gleanings Address* Gopal Ashram P O Pilkhi Dist Tehri Garhwal U P

MIRASHI, Vasudev Vishnu, M A, Maha mahopadhyaya (conferred by the Viceroy on 12th June 1941) *b* March 13 1893 *m* Miss Anasuya Deuskar *Educ* Rajaram College, Kolhapur and Deccan College Poona, Bombay University Sanskrit Scholar, Prizeman and Gold Medalist Dakshina Fellow, Deccan College Poona Professor of Sanskrit, Morris College, Nagpur, 1919 42, Principal, Morris College, 1942 46, Head of the Department of Sanskrit, Nagpur Univ, President History, Archæology and Numismatics Section All India Oriental Conference, 1941 President, Ancient Indian History Section, Indian History Congress, 1944, President, Numismatic Society of India, 1944 and 1951, Principal Vidarbha Mahavidyalaya Amraoti, Berar, 1947 50 *Publications Kalidasa* (in Marathi) *Vakataka Inscription in Cave XVI at Ajanta Inscription in Cave XVII at Ajanta Ghatotkacha Cave Inscription* numerous articles in various research journals on ancient history of India *Address* Nagpur

MIRCHANDANI, Dr Tahilram Jethanand, M Sc, A I I Sc, Ph D, Head of Division of Agronomy, Indian Agricultural Research Institute, New Delhi, and Principal, Central College of Agriculture, Delhi *b* July 19, 1901, *m*, one *s* and one *d* *Educ* Sind, Poona Bangalore and England Agricultural Chemist to the Govt of Bihar, 1934 38, Officer in Charge, Agricultural Research Station, Sakrand and Principal, Agricultural College, Sakrand, 1939 43, Officer in Charge, Agricultural Research Station Dokri (Sind), 1943 46 *Address* 7 Pusa Institute New Delhi

MIRCHANDANI, Udharam Manram, B A, I C S Settlement Commsnr Dir Land Records Inspector General of Registration and Registrar General of Births Deaths and Marriages, Govt of Bombay *Educ* St Patrick s High School, Karachi, D J Sind Coll, Karachi, London School of Economics and Trinity Coll, Oxford Served as Assistant Collector and Magistrate in Ahmednagar, North Kanara, Surat, as Collector and Dist Magistrate, West Khandesh, Bijapur, Broach and Panchmahals, Sukkur, Hyderabad Sind Commissioner Northern Division, Ahmedabad, Secy, Rehabilitation Dept *Recreation* Tennis *Clubs* Willingdon Club and W I I Club Bombay The New Club and Poona Club, Poona *Address* Poona

MISRA, H N, M A Minister of Supply and Price Control, Bihar, since April 1953 *b* Feb 1, 1918, 3rd *s* of Pandit Babuaji Mishra Sanskrit scholar Darbhanga *Educ* Kollakh Middle English School, Northbrook Zila School Darbhanga M A in Mathematics from Calcutta Univ Took active interest in politics during his student days, joined the Sadakat Ashram worked as Secy to Dr Rajendra Prasad courted jail in freedom movement 1942 and 1944 45, joined Sadakat Ashram again 1945, elected M L A Bihar 1945, worked ceaselessly for the Kosi Project and the establishment of Mithila Univ again elected M I A Bihar in the General Elections *Publication The Kosi Problem Recreations* Reading books on Sociology Literature Development and River Valley Projects *Address* Minister for Civil Supplies Patna, Bihar

MISRA, Sir Lakshmipathi, Kt (1944) I Sc President, Institute of Welding (London) Indian Branch, since 1949 *b* 4th July 1888, *Educ* Agra Coll & Thomason Civil Engineering Coll Joined the State Rly service, Oct 1911 Executive Engineer, 1918 services lent to the Foreign Pol Dept in 1924 and posted as Dy Mgr and Engineer in Chief of the Baroda State Rly, returned to the East Indian Rly 1928, special duty with the Rly Board, 1929 to introduce the Washington Geneva convention on the E I Rly Chief Controller of Stores, N W Rly, 1930 31 Dy General Manager, E I Rly 1932 35 Divl Supdt, Howrah Div, 1935 38, member Federal Public Services Commission 1938 39, Gen Mgr B & A Rly, Sept 1939—Nov 1943 Chief Commr of Rlys June Oct 1945, Commissioner for the Port of Calcutta 1939 43, Pres, Institution of Engineers (India) 1942-43 Pres, Ad Hoc Cttee on Nationalised Road Transport in U P, member, Engineering & Post War Reconstruction, Rly Board, 1943 44 mentioned in despatches during the operations in Burma and on the North Eastern Frontier, June 1942 to May 1943 *Address* C/o Birla Brothers Ltd, 8, Royal Exchange Place Calcutta 1

MISRA, Lakshmi Shanker, M A (Hons) (Cantab), History Tripos, LL B (Law Tripos) Barrister at law (Inner Temple), Chief Justice Hyderabad High Court, since Nov 1952 *b* Feb 23, 1895, *s* of Pandit Sheo Beharilal Misra, *m* Smt Chandrawati Iswarji, three *s* and two *d* *Educ* Muir Central Coll, Allahabad Trinity Coll Cambridge and Inner Temple, London Practised in England 1919 20 and thereafter in India principally in the Chief Court of Avadh, Part time Reader, Faculty of Law Lucknow Univ, 1926 39, resigned in 1939 was member Lucknow Univ Court, Faculty of Law, etc, and the Academic and the Executive Councils of the Univ, was Editor Oudh Law Journal, and the Allahabad Weekly Reporter, Pres, Governing Body, La Martiniere Coll, Lucknow, one of the governors of the Paleobotanical Institute, member, Bar Council Lucknow, 1940 43 Puisne Judge Avadh Chief Court, Lucknow, 1943 47 officiated as Chief Judge, 1947 48, became Judge Allahabad High Court on amalgamation of the Avadh Chief Court with it, 1948, senior Judge in charge, Lucknow Bench of the Allahabad High Court, from 1951 52, was appointed Commissioner by the Govt of India to report whether the Bellary taluq in the Madras State should be merged with Mysore or with the proposed Andhra State *Address* High Court of Judicature, Hyderabad, Misra Bhavan, Golla Gunj, Lucknow

MISRA, Pandit Lingaraj, M A (Sanskrit), Gold Medalist, Calcutta Univ, 1919 Ex-Minister of Education and Health, Orissa *b* 1894, *m* Srimati Uma Devi *Educ* Ravenshaw Coll, Cuttack and Univ Coll, Calcutta Began as Prof of Sanskrit in the G B B Coll, Muzzafarpur (Bihar) gave up Govt Service, 1922, joined the Satyabadi National School as teacher, M L C

in Bihar and Orissa, 1927 29 member, Servants of the People Society, Lahore Editor, *The Samaj*, Orissa Daily member, Standing Committee, All India Newspaper Editors Conference, till assuming office as Minister in April, 1946 *Publications* Short biographies and political literature, *e g*, *Shivaji, Gurugovind Sinha, Deshar-Dabi, Janasakti, Jananayaka* *Address* Cuttack (Orissa)

MISRA, Ram Anugrah Prasad, Managing Director Indian Wild Barfield Co Ltd Bombay *b* Jan 19 1914 at Dehra Dun U P



m Vera Stanley of Steven age, England *Educ* The Theosophical National School at Benares, 1925 29, Ewing Christian Coll, Allahabad, 1930 32, had great keenness and enthusiasm for Science and Engineering and learnt flying at the Delhi Flying Club at the age of 17, 1930, after passing his interscience examination, proceeded to England to study Aeronautical Engineering, 1933 Served as an Engineering apprentice with the De Havilland Aircraft Co Ltd, 1933 36, afterwards joined the company s laboratories as an Assistant, rose to the position of Production Metallurgist and was placed in technical control of all works processes including heat treatment left the De Havilland Aircraft Co to join Wild-Barfield Electric Furnaces Ltd, of Watford England one of the leading manufacturers of industrial and other electric furnaces, 1946 was selected by the Directors of Wild Barfield to take charge of their Indian Co, *i e* Indian Wild Barfield Co Ltd at Fort Chambers Bombay, which was formed in Sept 1947, has designed the layouts of the heat treatment shops of Hindustan Motors Ltd, Calcutta, and the Tata Locomotive Engineering Co Ltd, Jamshedpur, his company having also supplied heat treatment furnaces to the Premier Automobiles Ltd, Kurla Indian Telephone Industries Ltd, Bangalore, Chittaranjan Locomotive Works, Jessmaco (Gwalior) Ltd and many other factories in India, is an Associate Fellow of the Royal Aeronautical Society of England, member, Institution of Production Engineers, London, being a Lord Austin Prize winner 1936 which was awarded to him for obtaining first place in the Graduateship examination of the Institution of Production Engineers is also an Associate of the Institute of Metallurgists in England, Pres Bombay Metallurgical Society and the Bombay section of the Institute of Production Engineers, is a staunch believer in international co operation and in the need for a spiritual guidance in all problems *Hobbies* Photography both still and cine Cricket, Tennis Flying *Clubs* United Services Club Bombay Flying Club *Address* Indian Wild Barfield Co Ltd Bombay

MITRA, Prof Sisir Kumar, D Sc F N I, Head of the Dept of Radio Physics and Electronics University of Calcutta *b* Oct 1891, *m* Ilabati, *d* of Raj Bahadur Harakisore Biswas of Barisal (died 1939), two *s* Pioneer of radio research in India President, Mathematics and Physics Section of the Indian Science Congress, 1934 King George V Silver Jubilee Medal, 1935 member, Bengal Industrial Survey Cttee 1938, member, Industrial Research Planning Cttee Govt of India 1944 45 Chairman, Radio Research Cttee, Board of Scientific and Industrial Research 1942 48, member Indian Scientific Mission to U K and U S A 1944 45 Pres, Rotary Club of Calcutta, 1942 Chairman Calcutta Section of the British Institution of Radio Engineers Pres Asiatic Society 1951 53 Director Hindusthan Co



Insurance Society Ltd *Publications* *Nitrogen* (1945) *The Upper Atmosphere* (1947) and numerous scientific papers *Address* 9, Hindusthan Road Ballygunge, Calcutta

MITTER, Mr Justice Jyoti Prakash, M A (Oxon), Barrister at Law, Judge, High Court, Calcutta, since Feb 11, 1949 *b* December 27, 1904, *s* of late Bhuban Mohan Mitter of Khulna, *m* Mrs Jyotirmoyee Mitter one *d* Anita Mitter *Educ* Oriel College, Oxford and Inner Temple London Professor of Economics, Commercial College Delhi Univ, Dec 1927 Nov 1929 Acting Principal, Commercial College, Delhi Univ, Nov 1929 March 1930, joined Calcutta Bar, May 5, 1931 *Address* 8, Mandeville Gardens Ballygunge, Calcutta

MITTRA, Probodh Chandra, Ex Director General of Commercial Intelligence & Statistics and Director of Industrial Statistics, Govt of India *s* of Dr Gaynendra Nath Mittra and Asha Lata Mittra *Educ* Kanpur, Gobindapur, Khalna, Cuttack New York and London Graduate Residence Scholar, Columbia Univ first Univ Fellow in Statistics at Columbia Univ, Wattumull Research Fellow in New York Analyst and Statistician Econometric Institute, New York Analyst and Statistician, Index Number Institute, New York, Economic Affairs Consultant, U N, New York, Statistician U N Lake Success Research Adviser, Research Division London School of Economics Statistics Division, London County Council, London Editor *Pacific Review*, Dir of Industrial Statistics, Govt of India, Fellow of the Royal Statistical Society, London, Member Econometric Society, Chicago, Institute of Mathematical Statistics U S A travelled widely in Europe U S A Canada, Australia New Zealand and the Middle East visited Universities, research institutions, statistical and planning offices of about eighteen countries of the world *Publications* Several articles papers and theses in economic commercial industrial and scientific journals of U K, U S A and India *Address* 1 Council House Street, Calcutta *Residence* Great Eastern Hotel, Calcutta

MODAK, Narayan Vinayak, C I E (Jan 1945), B L (Civil) (1911), member of the Institution of Civil Engineers (London) (1930), F R San I, M I E (India), Special Engineer-in-charge of Vaitarna Scheme *b* December 1890 Worked as Asstt Engineer with the Corporation of Hastings (England) for three years with the award of State Technical Scholarship worked with two Railways (Central & Western) in the capacity of Sanitary Engineer and Consulting Engineer worked as Hydraulic Engineer, Dy City Engineer, City Engineer and Ag Municipal Commissioner, Bombay Municipal Corporation, Pres of the Bombay Engineering Congress Engineering & Metallurgy Section of Science Congress, Institution of Engineers (India) Vice Pres, the Indian Roads Congress takes keen interest in technical education and has been connected with Bombay Univ, V J T Institute, Poona Engineering Coll and Board of Technical Education (Bombay State), has been responsible for the last twenty years for the design and execution of Municipal Engineering Schemes of great magnitude such as Drainage and Sewerage, Water supply Roads, Town planning etc, was the joint author of "Master Plan for Greater Bombay, nominated by the Central & State Govts on various technical bodies, such as Housing Boards, Planning Commission etc designed the Vaitarna cum Tansa Scheme costing about Rs 18 crores for augmenting Bombay City's water supply and is now in charge of its execution





executing the work of strengthening of Tansa Dam according to Coyne method Special Engineer in charge of post-war reconstruction schemes and general development of Bombay city, Sept 1946 54 *Address* Udyam Shivaji Park Bombay 28

MODI, Govindlal Dhirajlal, M A, L L B, Proprietor, Gujarat Trading Syndicate, 41, Medows St Fort Bombay Importers and Suppliers of Materials, Handling Equipment, Litho and Offset Press Materials Textile Mill Furnishers and General Merchants *b* Aso Sud 12, Samvat 1973 (Oct 27 1917) *s* of Dhirajlal Chhaganlal Modi *m* Sharda, *d* of Shantilal Iribhuvandas Malvi, one *s* and one *d* *Educ* Bharda New High School, Bombay Andheri High School, Andheri St Xavier's Coll, Bombay, Govt Law Coll and Univ School of Economics and Sociology Bombay Was with Sir Shri Ram's Delhi Cloth and General Mills Co Ltd, Delhi then entered business and started the firm Gujarat Trading Syndicate, Bombay, member, The Indian Merchants Chamber Bombay Vice Pres The Passengers and Traffic Relief Assoc Bombay *Recreations* Reading Tennis Driving etc *Address* Modi Nivas No 2 Dadabhai Cross Rd Off Versova Road Andheri



MODI, Rai Bahadur Seth Gujarmal, Chairman Modi Industries Modinagar (Meerut) U P *b* August 1902, in the Modi family of Patiala State *Educ* Privately took to business at a very early age first apprenticed as cashier and accountant in various concerns of his own was later trained as Engineer and miller in the flour Mills of his father which gave him an insight into the principles of business and finance and mechanical working of factories, founded Modinagar an industrial town in Dt Meerut, U P has to his credit many inventions in the field of Engineering and Chemical control established various industries viz Modi Sugar Mills Ltd, Modi Vanaspati Mfg Co, Modi Soap Works Modi Glycerin Factory, Modi Food Products Co Ltd, Modi Biscuit Co, Modi Confectionery Works Modi Tin Factory, Modi Oil Mills Modi Paints & Varnish Factory Modi Hurricane Lantern Factory and other Modi Group Factories at Modinagar and other places in the East Punjab and U P has founded the Modi Spinning and Weaving Mills Co Ltd, Modinagar with latest American Textile Machinery Chairman, Sugar Mills Association, Western U P Modi Charitable Fund Society and R B Multanimal Charitable Trust, Founder and Chairman, Western U P Chamber of Commerce A I Manufacturers Organisation, Delhi, member, All India Polytechnic, Industrial Planning Committee, PEPSU, Central Advisory Council (Labour), U P, Economic Advisory Cttee U P, Housing & Town Planning Board (Rehabilitation) Life Member, Mechanical Engineers Assoc of India, member, Northern Riv Advisory Cttee philanthropist his donations run into several lakhs, has established various public welfare institutions, has generously contributed to various charitable and public institutions contributed Rs 1 lakh to the Benares Hindu University for construction of a Technical Research Laboratory, has built an Industrial Colony known as Govindpuri, with the help of the U P Govt, to rehabilitate the displaced persons near Modinagar *Hobbies* Gardening and buildings *Address* P O Modinagar (Meerut) U P

MODI, Mr Justice Inder Nath, B A LL B, Judge Rajasthan High Court since Jan 29 1953 *b* May 1905 *Educ* Had a brilliant educational career graduated in Arts and Law Allahabad Univ was placed on the roll of merit in the final LL B exam 1935 General Secy Jodhpur State 1930-33 joined the Bar 1935 enrolled as Senior Advocate, Supreme Court of India 1951 elected Pres Jodhpur Bar Assoc 1938 39 42, 43 48 49 and 51 elected member Jodhpur Municipality 1937 39 and 44 first elected Pres Jodhpur Municipality 1940 41 member Marwar Representative Advisory Assembly 1942 44 Director Local Self Govt, Jodhpur State 1945 46 elected member Marwar Legislative Assembly 1947 48 served on numerous Ctees and institutions connected with education public health Harijans labour municipalities panchayats and legal and political subjects, 1937 52 Hony Supdt Sardar High School, Jodhpur 1946 50 Pres Red Cross and other allied Societies 1950 52, member Rajasthan Leg Assembly 1952 had a lucrative practice and argued many famous cases including the Jodhpur Railwaymens Grievances case 1943 *Add* 4*d*



MODI, Jadavji Keshavji, B A LL B Minister of Education Archaeology Irrigation and P W D, Saurashtra Govt *b* Aug 24 1904 *s* of Keshavji Haribhai Modi Jud Taralaxmi, one *s* and three *d* 1 nagar Pleader at Bhavnagar Bhav of Kathiawar, 1928 41, Secy, Kat Physical Culture League from 1928, Praja Parishad Bhavnagar, from imprisoned in connection with the Individual Satyagraha Movement, 1941, was under detention Aug 31 1942 Nov 6 1943 *Address* Rajkot

MODI, Raizada K N, Managing Director Modi Spinning and Weaving Mills Co, Ltd, since 1948 *b* May 22, 1921, in the Modi family of Patiala and Modinagar, younger brother of Rai Bahadur Gujarmal Modi, *Educ* Patiala Started business career as General Manager, Modi Food Products Co, Ltd became Director of various companies such as Modi Food Products, Modi Supplies Corporation, Bhatinda Electric Supply Company, Patiala Flour Mills Co Ltd Modi Sugar Mills Ltd and R B Gujarmal Modi and Bros Ltd Pres All India New Textile Mills Assoc, made an extensive business tour of the Continent U S A and Canada Member District Labour Welfare Advisory Ctee Meerut *Recreations* Driving and sports especially cricket *Clubs* Indian Culture League Bombay Wheler Club Meerut Rotary Club Meerut Chelmsford Club Delhi and National Sports Club of India Delhi Flying Club Ltd *Address* 10 Modi



MODY, Sir Homi, M A LL D F I A K B E (1935) Grand Commander Order of George I of Greece (ex Governor of U P Director Tata Sons Ltd *b* Sept 23 1881 *s* of Peroshaw B R Mody, *m* Jerbai *d* of Kavasji Dadabhoy Dubash, March 26 1917 *Educ* St Xaviers Coll, Bombay Pres Bombay Municipal Corporation 1923 24 Chairman Bombay Millowners Association 1927 and 1929-34 President Indian Merchants Chamber Bombay 1928 President Employers' Federation of India member Indian and Constituent First Round Table Con, 1929 and Reserve Bank Ctee of the Conference, 1934, Member for Supply Viceroy s Executive Council 1941 43 and Deputy Chairman of the War Resources Ctee of the Council Governor of Bombay Sept 1947 Employers delegate International Labour Conference Geneva 1937 Chairman Central Bank of India and Indian Hotels Co Ltd Pres Cricket Club of India Vice Chairman, Tata Hydro Electric Agencies Ltd Hon LL D Banaras, Aligarh and Poona Univs D Litt Agra Univ *Clubs* Royal Automobile Overseas League (London), Asiatic, Ripon Willingdon Royal Western India Turf Cricket Club of India Bombay Delhi Gymkhana *Publications* *The Political Future of India* *Biography of Sir Pherozeshah Mehta* *Address* Spirospero Carmichael Road Cumballa Hill Bombay

MOGHE, Mahadeo Atmaram, M A M Sc, Ph D (London) F Z S, F A Sc F N I Professor Birla Coll Pilani *b* April 21 1896 Jabalpur, M P *s* of A K Moghe, *m* Kamala bai, two *s* and three *d*, *Educ* Hyslop Coll, Nagpur St Xaviers Coll, Bombay, Univ Coll, London Registrar, Nagpur Univ Registrar, Poona Univ Dean Faculty of Science, President, Zoology section Indian Science Congress Bangalore 1946 Pres Indian Zoological Society 1951, Prof Coll of Science Nagpur Principal, King Edward Coll Amravati *Publications* Several papers on Helminthology and Embryology *Recreations* Travel Collections *Club* Gondwana Club Nagpur *Address* Birla College, Pilani

MOHAMMADGARH Nawab Mohammad Sabir Quli Khan Bahadur Safdarjang Dilerjang, Nawab of the former State of *b* January 28 1929 at Bhopal *s* of Nawab Siddiq Quli Khan Bahadur Safdarjang Dilerjang Ex-Ruler of the former Mohammadgarh State and Her Highness Hazrat Nawab Asadi Begum Saheba who belongs to the family of Nazir ud Daula Nawab Baqi Mohammad Khan Bahadur Nasrat Jang of Bhopal *m* Sultan Dulhan Nawab Khursheed Sikandar Bakht Begum Saheba *d* of Sardar Shree Mansoor Shah Sahib Bahadur of Gwalior April 9 1952 *Educ* Daly Coll Indore where he had a distinguished academic career passed the Senior Cambridge Examination in the first division 1947 Succeeded to the *gadi*, on abdication by his father was invested with full ruling powers August 2 1947 belongs to the senior branch of the House of Nawab Ahsanullah Khan Bahadur Safdarjang who is also the ancestor of the Rulers of Kurwai and Hydergarh Basoda was the ninth Ruler of this dynasty at the time of the merger of the State with Madhya Bharat Union



MOOKERJEE, Baidyanath, Minister for Supply Procurement Consumer Goods, Textile Development of Trade and Commerce Development of Major Industries and Planning Departments Govt of Assam *b* 1900 *Educ* Graduate in Arts of the Calcutta University *Smt* Nanda Rani *d* of late Rai Nagendra Nath Chaudhury Bahadur six s Dilip Kumar Mukherjee Kaliprasad Mukherjee Satya Mukherjee Angsuman Mukherjee Debi Mukherjee and Ashoke Kumar Mukherjee two *d* Indrani Chatterjee Shyamli Mukherjee Elected M L A Assam and member Sylhet Municipal Board 1937 appointed Finance Minister in the Coalition Ministry Dy Leader Assam Assembly Congress Party and Minister in the Bardoloi Cabinet 1946 47 Pres Assam Chamber of Commerce Deputy High Commissioner for India at Dacca formerly Fellow Dacca and Calcutta Univs is Fellow

MOOKERJEE, Sir Biren, M A (Cantab) M I E (Ind) Kt (1942) Managing Director Martin Burn Ltd Calcutta *b* Feb 14 1899 *s* of late Sir Rajendra Nath Mookerjee *m* Ranu Priti Adhikari, *d* of late Phani Bhusan Adhikari 1925, one *s* and two *d* *Educ* Hastings House and Sibpur Engineering Coll, Calcutta Trinity Coll Cambridge Joined Martin & Co as an Assistant 1924 made partner Burn & Co 1931 and Martin & Co 1934 was closely associated with the negotiations which led to the formation of The Steel Corporation of Bengal Ltd 1937 and the subsequent construction of the steel works at Napuria alongside the Hirapur Works of The Indian Iron & Steel Co Ltd during World War II appointed to the Munitions Board and the Defence Council elected Sheriff of Calcutta 1940 was Chairman, Calcutta Board of the Imperial Bank of India Governing Body Sibpur Engineering Coll, Fellow, Faculty of Engineering of the Calcutta Univ was member Indian Mission which negotiated Rs 15 crore loan from the World Bank to the Indian Iron & Steel Co Ltd *Address* 7 Harrington Street Calcutta 16



MOOKERJEE, Dr H C, M A (English), First Class First, Univ Gold Medalist, Ph D, Governor of West Bengal, since Nov 1, 1951 *b* 1877 Professor of English City College, Calcutta, 1899 1914, Lecturer in English, Calcutta Univ, 1914 16, Secy, Post-Graduate Dept, Calcutta Univ, 1916 18, Inspector of Colleges, Calcutta Univ, 1918 37, Head of the Dept of English, Calcutta Univ 1937 42, Pres, All Bengal Teachers Assoc, 1937 39 All Bengal Coll and Univ Teachers Assoc, 1938 40 All India Council of Indian Y M C A 9, General Organising Secy All India Council of Indian Christians, 1939 44 M L A, Bengal 1937 42, Editor in Chief *Calcutta Review* Vice Pres, Indian Constituent Assembly, 1947 51 *Publications* *He Follows Christ*, *Indians in British Industries*, *Congress and the Masses*, *Some Non Political Elements of the Congress* *Why Prohibition* *Our Hemp Drugs Problem* etc *Address* Governor's Camp, Calcutta



MOOKERJEE, Dr Himadri Kumar, D Sc (Lond), D I C I N I, University Professor and Head of the Dept of Zoology, Univ of Calcutta *b* Oct 18, 1899, *m* Mrs I Mookerjee, one *s* and three *d*, *Educ* Calcutta University, London University *Publications* Many original papers in Embryology & Fisheries in the leading Journals of Europe, America and India *Address* 35 Ballygunj, Circular Road, Calcutta 19

MOOKERJEE, Kalipada, Minister for Labour West Bengal Took active interest in students movements, sponsored and organised the widespread national volunteer organisation on the lines of the national scout movement joined the Non co-operation movement, 1921, courted imprisonment in almost all the freedom movements, was member A I C C for 15 years, was an office bearer of the Bengal Congress for a long time, was General Secy, Bengal Prov Congress was one of its Vice Presidents was a close associate of Netaji Subhas Chandra Bose, conducted relief organisation during the North Bengal flood and was also actively associated with the relief organisation during both the Dacca and Noakhali communal riots, was elected to the Bengal Leg Assembly June, 1947, appointed Minister in the first Congress Cabinet, 1947, appointed Chairman West Bengal Minority Commission under the Indo Pakistan Agreement, led

the Indian delegation to the second session of the Industrial Cttee on cotton textiles at Geneva Oct Nov 1948 *Address* Minister for Labour W Bengal Calcutta

MOON, Edward Penderel, M A (Oxford), O B E (1941), Adviser Planning Commission since Sept 1952 *b* November 13, 1905, *s* of R O Moon, M D, F R C P, *Educ* Winchester and New College, Oxford Fellow of All Souls College, Oxford, 1927, entered I C S (Punjab Commission), 1929, Under Secretary, Punjab Government, Deputy Commissioner, Multan, Secretary to the Governor, Punjab, Deputy Commissioner, Amritsar, resigned from I C S in January 1944, served in the Yugoslav Commission of U N R R A, 1944 45, Secretary, Development Board (Government of India), 1946, Revenue Minister, Bahawalpur State, 1947, Deputy Chief Commissioner, Himachal Pradesh, 1948 49 Chief Commr Himachal Pradesh, 1950 51 Chief Commr Manipur 1951 1952 *Publications Strangers in India, The Future of India, Warren Hastings and British India Recreations* Riding, Shooting and Singing *Club* Athenæum *Address* c/o Planning Commission New Delhi

MOOTHAM, Mr Justice Orby Howell, L D, M Sc (Econ) (Lond) Bar at Law Judge High Court, Allahabad, since 1946 *b* Feb 17, 1901, *m* Maria Augusta Elizabeth Niemöller, one *s* and one *d* *Educ* privately, London Univ, called to the bar (Inner Temple), 1925 Enrolled as Advocate, Rangoon High Court 1927 Deputy Judge Advocate General Army in Burma 1941 42, Asstt Judge Advocate General, G H Q (India), 1942 43, Legal Adviser and subsequently Chief Judicial Officer, British Military Administration, Burma, mentioned in Despatches, 1945, appointed Acting Judge of the High Court of Judicature at Rangoon Dec 1945, Chairman, Allahabad Univ Enquiry Cttee 1952 53 *Publications Burmese Buddhist Law* (1939) *Recreations* Golf Map collecting *Address* 9 Hastings Road, Allahabad

MORAES, Frank Robert, M A (Oxon) B A (Bombay), Bar at Law, Editor *The Times of India*, Bombay, since November 1950 *b* Nov 12 1907 *s* of late A X Moraes I S E (Retd) *m* Dr Beryl D'Monte one *s* *Educ* Bombay and Oxford Universities member of Lincoln's Inn London Assistant Editor *The Times of India* 1938 46 Editor of *The Times of Ceylon* 1946 48 War Correspondent, Burma China, 1942 45, Acting Editor, *The Times of India*, April 11 Aug 14, 1949, Deputy Editor, *The Times of India* till March 1950 Editor, *The National Standard* March Nov 1950 was member Indian Cultural Delegation to China, April June 1952 *Publications Introduction to India* (with Robert Stimson) *Story of India Report on Mass China* (1953) *Clubs* Willingdon Rotary D 3, Mafatlal Road, Bombay 26

MORAES, Dr Joseph Ignatius Condorceth, M B B S, J P Hon Pres Magistrate Bombay *b* Nov 16 1900 at Cuncolim Goa *s* of the late Fillipe Moraes *m* Effie Freitas *d* of the late Capt A M Freitas I M S three *s* *Educ* Primary English and Portuguese Goa St Xavier's and Grant Medical Colleges Bombay Later Post Graduate in Children's and Eye diseases, Amabai Hospital, Parel was House Physician G T Hospital Bombay interested in social work member, Bombay Medical Union, Bombay Provincial Congress for several years ex member Central Council of the Goan Union Bombay 1946 ex Pres, Scindia Steam Navigation Co Stewards Union Vice President Associacao Goana Mutual Ltd Ex President Instituto Luso Indiano Bombay *Address* 386, Girgaum Road Bombay 2

MORAES, George Mark, Professor of History St Xavier's College *b* May 11, 1905, *m* Julia Rodrigues, *Educ* St Aloysius College, Mangalore St Xavier's College, Bombay, M A First Class in History, Chancellor's Medallist, Sir William Wedderburn Scholar Springer Research Scholar Post-graduate Teacher of Indian History and Archæology University of Bombay, Director, Konkan Institute of Arts and Sciences, Bombay, member of the Indian Historical Records Commission, member, Board for Historical Records and Ancient Monuments, Hon Secy Bombay Branch, Royal Asiatic Society Joint Secy Indian History Congress *Publications Mangalore, A Historical Sketch The Kula, A History of Ancient and Karnataka Bibliography of Indological Studies*, 1942, 1943 1944 (3 Vols), *Maratha Portuguese Relations* etc etc *Address* 9, New Marine Lines Bombay 1

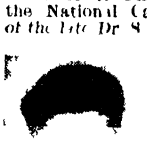
MORARKA, Radheshyam Ramkumar, B Com (Bombay) M P *b* March 26 1923 *s* of Ramkumar Shriniwas Morarka *m* Smt Narmadabai one *s* *Educ* Sydenham Coll of Commerce & Economics Bombay Visited U S A and Europe six times in connection with studying modern methods of management is a keen student of economic planning and business management, is writing a thesis for his Doctorate under Dr Muranjan of the Sydenham Coll Bombay *Recreations* Motor driving Horse riding Touring Tennis Badminton Table tennis and Bridge *Clubs* Cricket Club of India Bombay Hindu Gymkhana Bombay National Sports Club Mafatlal Swimming and Boating Bombay *Address* 48 Carmichael Bombay 26





MORE, Shankarrao Shantaram, B A LL B, M P, Pleader and Public Worker Ex Secy, Peasants and Workers Party *b* Aug 1 1899, of a poor family, *m* Smt Shantabai More, four *s* and one *d*, *Educ* Fergusson Coll, Bombay Law Coll, Poona Law Coll, Fellow Univ of Bombay 1933 38, Pres, Dist Local Board, Poona 1935 40, Chairman, Primary Teachers Training Cttee, Bombay member, Local Self Govt Enquiry (Kale) Cttee and Separation of the Judiciary from the Executive (Lokur) Cttee, Ex Member All India Congress Cttee *Publications* Several books and pamphlets on educational Local Self Govt and other political problems *Recreation* Reading *Address* 279, Shivaji Nagar Poona 5

MOSES, Angelo, M A I R A C B P I Professor of Philosophy and Lieutenant in the National Cadet Corps *b* 1916 *el s* of the late Dr S T Moses *Director of Fisheries, Baroda State* *Educ* Andhra Univ where he was a student of Sir S Radhakrishnan was First in Univ in Philosophy, won two Gold Medals, two Silver Medals and three First Prizes in Essay writing Competitions Participated in the All India Physical Education Conference at Amraoti 1946, has won 82 trophies in Tennis Hockey and Badminton tournaments, Secy Baroda Y M C A to Major Shrimant Sardar C S Angre Saheb Bahadur of Gwalior, to Rai Saheb Chaudhry Pratap Singh of Multan, Professor C & S Coll, Shikarpur, Sind *Publications* two books on Logic and nearly 400 articles in leading English Journals and Newspapers has contributed papers to the Indian Philosophical Congress, since 1940 *Address* Khalsa College Bombay



MOTILAL Bawalal, B A, Share and Stock Broker, and Metal Merchant *b* 1896 at Jamnagar, *m* Smt Manharbai, *d* of Kalidas Laljee of Porbundar 1922, *s and l d* *Educ* Jamnagar High School and Bahauddin Coll Junagadh graduated 1919 Worked as an Assistant in a cotton firm and also as a working partner with Jangley & Co's Share Dept Purchased his card in 1925 and started his firm Motilal Bawalal & Co and also Bombay Metal Industries in 1948 Director, Bombay Stock Exchange 1930 35 Pres, Shree Girnarayan Sabhayak Mandal Vice Pres Gurjar Brahmin Education Society Trustee M P B Charitable Trust Mg Dir Surendra & Co Ltd, a member of the Managing Cttee of Santa Cruz Education Society member, Indian Merchants Chamber, Bombay, Bullion Exchange Seeds & Oil Assocn and Yarn Exchange, Jamnagar Member Cricket Club of India *Address* Agakhan Building, Dalal Street Fort Bombay *Residence* Manohar 27, Marine Lines Fort, Bombay



MUDALIAR, A M Balasundara, B A Registrar, Annamalai Univ, since Dec 1951 *b* April 8, 1896 *m* Smt Meenakshisundaram *d* of late Krishnasawmy Pillai two *s* A M Mauriappan, M A and A M Rajendra Babu and two *d* A M Saraswathi, M B B S and A M Lakshmi, B Com, *Educ* Pachaiyappa's Coll, Madras Joined as Clerk, Public (Reforms) 1918 Dy Secy, Finance Secretariat 1948 Asstt, Surgeon General (Accounts), 1948 51, Special Officer for Reorganization of Offices of the Annamalai Univ May-Dec 1951, is keenly interested in Harijan uplift *Publications* Compiled and published the Annamalai Univ Office Manual *Recreations* Dramatic and sports activities *Clubs* Government Officials Party Madras Sukrutha Lakshmi Vilas Sabha Broadway Madras *Address* 35 Ponnappa Mudali Street Vepery, Madras

MUDALIAR, Sir A Lakshamanaswami, M D I I D D C I D Sc F R C O G, F A C S, Vice Chancellor, University of Madras, since Aug 1952 *b* Oct 14, 1887, *s* of A Kuppuswami Mudaliar, *m* Sri Radhai Bai three *s* and one *d*, *Educ* Christian College, Madras Joined Madras Medical Service, Prof of Obstetrics and G Medical Coll, 1934 42, Supdt, Govt Hospital for Women and Children, Egmore and Principal Medical Coll, 1939 1942 Member, Syndicate, Madras Univ, since 1925, acted as Vice Chancellor, 1936 and 1940, Chairman, Inter Univ Board 1948 49 and of its Standing Cttee, 1949 51, member Indian Medical Council since its inception, All India Council of Technical Education, All India Council of Scientific and Industrial Research, and of its Governing Body, Chief Commissioner Madras Prov Boy Scouts Assoc, member and Dy Leader, Indian Delegation to the World Health Organization, Chairman Executive Board of the World Health Organization *Publications Clinical Obstetrics Ante Natal and Neo Natal Mortality of Infants Case book for Midwives Clubs* Cosmopolitan, Madras Kodaikanal Boat Club *Address* 'Kensington, Kilpauk, Madras

MUDALIAR, Sir A Ramaswami, M P Diwan Bahadur, K C S I (1937) *b* October 14 1887 *Educ* Christian, and Law Colleges, Madras Advocate Madras, member Leg Council Madras, 1920 26, Pres, Municipal Council, Madras, 1928 30, member Council of State 1930 Indian Leg Assembly, 1931 34 R I C Federal Structure Cttee, and Indian Franchise Cttee Indian Reserve Bank Committee leader Indian Delegation to British Commonwealth Relations Conference, Toronto member Special Textile Tariff Board, India Council, Hon Editor, *Justice*, 1927 35

delivered the Rt Hon ble V S Srinivasa Sastri foundation lectures, Madras Univ, 1933 member, Economic Committee League of Nations, Member, Viceroy s Executive Council for Commerce Dept 1939 42, Supply member, 1943, proceeded to San Francisco as leader of the Indian Delegation, March 11, 1945, was also Chairman of Economic Cttee of the Conference, India s representative on the Preparatory Commission to the U N O, Nov 1945, elected Pres of the Economic and Social Council of the U N O 1946, Leader, Indian Food Delegation to U K and U S A, 1946, re elected President, Economic and Social Committee, U N O, 1947, Hon D C L of the Oxford Univ 1946 Senior Vice Pres Economic and Social Council 1950 1951 Chairman U N, Cttee on Forced Labour, Dewan Mysore State, Aug 1946 Aug 1949 *Addresses* Kensington Kilpauk, Madras Dt Clive Buildings, Calcutta

MUDALIAR, S Vaithianatha, G M V C, Training in the Indian Veterinary Research Institute, Mukteswar, Ex Principal and Lecturer in Parasitology Madras Veterinary Coll *b* June 15, 1895, *s* of N T Subramania Mudaliar, Agriculturist, Tirunelveli Dist, *m* Srim Alagammal, two *s*, *Educ* Hindu High School, Ambasamudram, St Joseph s Coll, Tiruchirapalli, Veterinary Coll, Madras Veterinary Asstt Surgeon, Civil Veterinary Dept, Madras, Asstt Lecturer in Parasitology, Madras Veterinary Coll, Lecturer in Parasitology, Madras Veterinary Coll *Publications* Scientific papers on research in Parasitology (more than 25) published in Journal of Veterinary Science and Animal Husbandry, New Delhi, Indian Veterinary Journal, Madras, Current Science, Bangalore, Proceedings of the Academy of Sciences, Bangalore, Retd from Service June 15, 1950 *Address* Diana, 13 G Ormes Road, Kilpauk, P O Madras 10

MUDHOLKAR, Mr Justice Janardan Rangnath, B A, L L B (Cantab) Bar at Law, Judge, High Court of Judicature, Nagpur, since June 1948 *b* May 9, 1902, *el s* of late R N Mudholkar (Advocate & Ex President, Indian National Congress) and Shrimati Radhabai, *m* Manorama, *el d* of N M Patwardhan (Bar at Law & Retd District & Sessions Judge, Poona) and Shrimati Laxmibai, two *s*, Ashok and Dhananjaya, and two *d* Prabhavati and Vijaya lakshmi, *Educ* Elphinstone High School, Bombay Elphinstone College, Bombay Sidney Sussex College, Cambridge, Lincoln s Inn, London Practised at the Bar at Amraoti 1925 29 and at Nagpur 1930 41, District & Sessions Judge, Sept 1941-June 1948 *Recreations* Golf Tennis and Billiards *Clubs* Gondwana Club and C P Club, Nagpur *Address* 38/1, Civil Lines Nagpur

MUGALI, Ranganath Shriniwas, M A, B T (Bombay), Professor of Kannada and Sanskrit, Willingdon College, of D E Society, since 1933, recognised as University Teacher for Ph D by the Poona Univ since 1951 *b* July 15, 1906 *Educ* P D J High School, Bijapur, Karnatak Coll, Dharwar Life member D E Society, since 1937, Pres, Dramatic Section, Kannada Literary Conference Hyderabad, 1941 Elected member, Karnatak University Senate, 1950 and member Academic Council, 1952 *Publications The Heritage of Karnatak (in relation to India)*, Poems *Banga* (1940), *Aparakarune* (1951), *Om Ashantih* (1951), Novels *Baluri* (1934), *Karanapurusha Anna* (1948), Drama *Setapradipa* (1936), *Akkamahadevi* (1937), *Pavanapavaka* (1937), *Namadhari* (1939), *Vijaya Samrajya* (1948), *Manorajya* (1950), *Ettida Kai* (1946) (Collection of one act plays), Short Story *Kanasina Keladi* (1943) Criticism *Kannada Kadambarigalu* (1945), *Rannana Kritiratna* (1946) (All in Kannada) *Recreations* Tennis Hiking *Address* Willingdon College, Dist South Satara

MUJEEB, Muhammad, B A Vice Chancellor, Jamia Millia *b* Oct 30, 1902, *s* of M Naseem, Advocate Lucknow, *m* Smt Asifa Begum, one *s*, *Educ* Oxford Univ, England Joined the Jamia Millia, 1926 has fulfilled a pledge of 20 years service *Publications History of Russian Literature History of European Political Thought, Story of the World* (in Urdu) and four plays *Address* Jamia Millia, Jamnanagar, New Delhi

MUKERJEE, Hirendra Nath, M A (Calcutta et Oxon) B Litt (Oxon) Barrister at law M P Educationist *b* Nov 23, 1907 *s* of late Sachindra Nath Mukerjee *m* Smt Bibha (née Chatterjee) one *s* and one *d* *Educ* Calcutta and Oxford Lecturer in History and Politics Andhra Univ (1934 35) Lecturer Calcutta Univ (1939 44) Head of the Dept of History Surendranath Coll Calcutta, since 1936 member A I C C 1938 Bengal Provincial Cttee Communist Party of India 1947 49 Editor Indo Soviet Journal (1941-45) Vice Pres Bengal Provincial Trade Union Congress 1948 detained without trial (1948 49) elected Member of Parliament from Calcutta North East Div 1952 *Publications An Introduction to Socialism* (1939) *China Calling* (1942) *Under Marx s Banner* (1944) *India Struggles for Freedom* (1946) and other volumes in English and in Bengali *Recreations* Browsing among books and watching cricket *Clubs* Bar Library Club Calcutta *Address* 14 Indian Mirror Street Calcutta 13

MUKERJEE, Susil Kumar, M Sc (Cal) Ph D (Edin), F B S, F I S Curator of the Herbarium since 1938 *b* August 28, 1909 *m* Sm Padmabati Debi, *Educ* Univ of Calcutta, Univ of Edinburgh Carried on research work in Botany, in Royal Botanic Gardens of Cal, during 1935 36, Edinburgh, 1936 38, Kew London, and British Museum of Natural History, London in 1937 and 1938 member of Bangiya Bijnan Parishad, the Botanical Society of Bengal, the Indian Botanical Society and the Asiatic Society Calcutta deputed by Government of India to explore the forests of East Nepal in 1947 with the Snow Survey Party and in 1948 to survey the forests of South Naga Hills *Publications* A monograph on the Indian and Burmese plants of the Mint family and several papers describing 21 new species of plants and six new varieties, and making several changes of nomenclature of plants and publishing results of original research *Address* Indian Botanic Garden Calcutta

MUKERJI, Dr Bishnupada, D Sc (Michigan), M B (Cal), M P S F N I F A Ph S, F A A S, Director Central Drug Research Institute Lucknow *b* June 1, 1903 *Educ* Calcutta Michigan (U S A), awarded Fellowship under the Rockefeller Foundation, Sigma XI Award, Michigan Chapter 1933 36, visited extensively the laboratories in China, Japan, America, Great Britain, France, Germany, Belgium Czechoslovakia and Austria and almost all the Univ Centres and Research Organisations in India and Far East again visited Europe and U S A, 1950 and 1951, Offg Director, Biochemical Standardisation Laboratory, Calcutta (now Central Drugs Laboratory), 1941 47, Director Central Drugs Laboratory and Pharmacognosy Laboratory 1948 51, Jt Secy, Co-ordination Cttee of I P C, member, International Pharmacopeia Commission, Geneva *Publications* two books, *Tropical Therapeutics* and *Pharmacognosy of Indian Root Drugs* more than 130 papers in Scientific Journals of India and abroad, Studies in Pharmacology and Bioassay *Address* Central Drug Research Institute, Chattar Manzil Palace, Lucknow

MUKERJI, Dhirendra Narayan *b* 1899, Uttarpara Raj family of Bengal, *m* Nilima Banerjee, 1931, one *s* and one *d* Joined the Congress N C Movement, 1921, offered Satyagraha, 1941, Security Prisoner, 1942 Movement, elected M L A, Bengal on Congress ticket, 1937, 1946 and 1952, Chief Whip, Assembly Party till the partition of Bengal, 1947, member, Separation Council for partitioning the assets of old Bengal Govt, Chief Whip, West Bengal Govt, 1948 50, member Indian Central Coconut Cttees Ex Cttee, Bharat Chamber of Commerce Federation of Indian Chambers of Commerce & Industry s representative on the Governing Body of the Indian Statistical Institute s Research and Training School, Founder, Hooghly Bank Ltd Director Roopacherra Tea Co, Ltd, Tirribannah Co Ltd Tyroon Tea Co, Ltd, Victoria Cotton Mills Ltd *Publications* Many articles on finance and commerce *Clubs* Calcutta Darjeeling Gymkhana *Addresses* 67, Joy Kissen Street Uttarpara Dt Hooghly 42 Chowringhee Calcutta 16

MUKERJI, Rai Sahib Phanindra Mohan, M A (Cal) M A (Delhi), ex Director General of Commercial Intelligence and Statistics Govt of India *b* Dec 9 1896, *s* of S M Mukerji Landlord and Mrs D Mukerji *m* Smt Protiva Chatterjee, *d* of late Dr M N Chatterjee one *s* A Mukerji and one *d* Mrs J Chatterji *Educ* Calcutta, Ripon College Univ Post Graduate Classes Joined Central Govt Services 1921 and held various appointments was Under Secy Commerce Ministry Second Secy, Central Board of Revenue and Under Secy Finance Ministry (Revenue Division) Joint Chief Controller of Imports, Deputy Secy, Commerce Ministry O S D (Imp Tr Control) attended International Regional Conference of Statisticians as Chief Indian Delegate at Rangoon 1951 and also International Working Party Conference on Trade Statistics at Bangkok 1952 *Recreations* Walking Travelling and Commercial Subjects *Address* 202 C Bowbazar Street Calcutta 12

MUKESH, noted playback singer and producer of films *b* July 22 1923 at Delhi *s* of Zoravar Chand *m* one *s* and two *d* Came to Bombay to work as a film artiste, appeared in some films but gave up acting in favour of singing for noted artistes, has numerous film song hits to his credit himself turned producer in 1950 and has made a film called Malhar, is one of the first producers to try many new, unknown faces in a maiden picture has now established his reputation in the industry owns the Company Mukesh Films has sung and played the leading role in his second picture Anuraag *Addresses Office* 229 famous Cine Laboratory & Studios Mahalaxmi, Bombay *Residence* Sagar Mandir, Shivaji Park Seaface Mahim, Bombay

MUKHARJI, Mr Justice Prasanta Bihari, B A (Hons) L L B, Barrister at Law, Judge High Court, Calcutta, since Jan 23, 1950 *b* July 30, 1910, *el s* of Rai Bahadur Bijay Bihari Mukharji, former Director of Land Records & Surveys, Bengal, and Mrs Sthalapadma Mukharji, *m* Miss Geeta Roy, B A, *el d* of Rai Bahadur Mallinath Roy, formerly Manager of the Calcutta Improvement Trust, and Mrs Subhasini Roy, 1936, one *s*, *Educ* Hindu School, Calcutta, B A (Hons) in Economics from Pres Coll, Calcutta Univ, 1929, won Scholarships in the Matriculation and Intermediate Examinations, L L B, 1931, called to the Bar, Middle Temple, London, June, 1933 Practised at the Calcutta Bar, a Senior Advocate of the Federal now Supreme Court of India appointed Junior Standing Counsel to the Govt of West Bengal, Dec 1947, elevated to the Bench of the Calcutta High Court, Dec 1948, Addl Judge, January, 1949, appointed Pres, Commission of Enquiry for West Bengal and Assam under the Indo Pakistan Agreement, 1950, member, Executive Cttee, Visva Bharati, Santiniketan, West Bengal, member, Executive Cttee, Calcutta Zoological Gardens, interested in animals especially dogs *Recreations* Gardening, Music, Painting and Photography *Clubs* Calcutta Club, Royal Asiatic Society of Bangal, Alsatian Club *Address* 36, Ballygunge Park, Calcutta 19

MUKHERJEA, Mr Justice Bijan Kumar, M A (History), B L (Gold Medallist), M L (Gold Medallist), Doctor of Law, Ananth Deb Research Prizeman, Tagore Law Lecturer, Calcutta University, Saraswati (Sanskrit), Judge, Supreme Court of India from Jan 26, 1950 *b* August 15, 1891, *s* of R D Mukherjea and Sarat Kumari Devi, *m* Labanyalata Devi, one *s* Amiya Kumar Mukherjea, *Educ* Hooghly College, Bengal, University Law College, Calcutta Joined Calcutta Bar, 1914, Junior Govt Pleader, Calcutta High Court, 1934, Senior Govt Pleader, Calcutta High Court, 1936, Judge, Calcutta High Court, Nov 1936 Oct 1948 Judge Federal Court of India, Oct 1948 Jan 1950 member, Bengal Boundary Commission, 1947, Fellow of the Calcutta Univ, Pres, Bengal Sanskrit Assoc is associated with Scout Movement in Bengal and acted as District Commissioner, South Calcutta Boy Scouts Assoc, connected with literary and cultural societies, *e g*, Bibudha Janani Sava, Nabadwip, Gita Sava, Calcutta, Sanskrit Sahitya Parishad, Calcutta, etc, etc *Publications* Problems of Arrial Law Hindu Law of Religious and Charitable Trust *Address* 10 Albuquerque Road New Delhi

MUKHERJEE, Jnanendra Nath, B Sc (Hons) (Calcutta), M Sc (Calcutta), D Sc (London) C B E (1944) Director Central Building Research Institute, Roorkee *b* April 23 1893 *s* of Durgadas Mukherjee and Saratsas Banerjee *m* Ajita Chaudhuri one *s* Debapriya *Educ* Presidency College Calcutta Premchand Roychand Scholar, Calcutta Univ, Mouat Medal Calcutta Univ King George s Medal Began as Assistant to Palit Professor of Chemistry, Calcutta Univ 1915 Lecturer in Chemistry Univ College of Science and Technology 1917, Professor of Chemistry Calcutta Univ, 1921 45 associated with many Indian and International Institutes and Associations Director Indian Agricultural Research Institute, New Delhi, 1945 50 Director, Central Building Research Institute, 1950, member, Bureau and Executive Board, International Council of Scientific Unions and Vice Pres, International Soil Science Congress 1950 Pres, Indian Science Congress Assoc 1952 Chairman, Scientific Research Cttee U P *Publications* Numerous papers on Colloids, Soil Science Physical Chemistry *Address* 10 Puran Chand Nahar Avenue Calcutta 13

MUKHERJEE, Air Marshal Subroto, Commander-in-Chief Indian Air Force since April 1 1954 b Calcutta *Educ* Calcutta



had his training as service pilot at Cranwell, U K Commissioned, 1930 served with No 6 Squadron R A F for 9 months joined No 1 I A F Squadron, 1933, appointed Squadron Commdr 1939 took part in the Miranshah operations, after graduating from the Staff Coll Quetta was posted to No 223 Group commanded his old unit at Secunderabad and then at Tiruchirapalli 1942 was next with No 225 Group and later held various staff appointments at Air Headquarters New Delhi with the rank of Wing Commdr first Indian to command the Kohat Air Station Aug 1943, later promoted Group Captain and Air Commodore was member National War Academy Sub Cttee which visited the U S A, Canada and U K became Dy Air Officer incharge of Administration at Air Headquarters in the prepartition days appointed Dy Air Commander and Senior Air Staff Officer R I A F, 1947 attended a special course at the Imperial Defence Coll, in preparation for his new responsibilities promoted Air Marshal, April 1, 1954 *Address* Air Headquarters, New Delhi

MULHERKAR, Dattatraya Ganesh, B A (Bom) Director of Industries, Bombay State Bombay *b* Oct 11 1893, *s* of G S Mulherkar, two *s* and one *d* *Educ* St Xaviers Coll Bombay Served for 30 years in Indian commercial and industrial interests, mainly as Secy to the Federation of Indian Chambers of Commerce and Industry and Secy, All India Organisation of Industrial Employers represented Indian Employers at Philadelphia Session of the I L O, 1944, member Govt of India Delegation to the First and Second Preparatory Meeting of the International Trade Organisation in London 1946, and in Geneva, 1947, acted as Adviser to Indian Employers' Delegation to First Asian Session of the I L O, 1947 Retired from the Federation of Indian Chambers of Commerce and Industry, 1948, Commercial Counsellor, Indian Liaison Mission, Tokyo, 1948 49 acted as Head of the Mission, 1949 50 Consul General Philippines, 1951, retired from Indian Foreign Service *Address* Cliff, Worli Bombay 18

MULKY, Mangesh Anandrao, M A, LL B (Bom), M Sc (Econ) (Lond) Asstt Economic Adviser Govt of India *b* Sept 13 1908 *m* Leela Anant Nadkarni *Educ* Wilson Coll Govt Law Coll and the Univ School of Economics & Sociology Bombay London School of Economics and Political Science London Research Officer and later Chief Research Officer to the Economic Adviser to the Govt of India Under Secy, and later Dy Secy, Commerce Ministry, Govt of India, Secy, Institute of Chartered Accountants of India for some time Member Secy Indian delegation to the International Trade and Employment Conference held at London (Oct Dec 1946), at Geneva (April Oct 1947) and at Havana (Nov 1947 March 1948), Secy, Indian Tariff Board 1950 52 member, Official Team on the Tea Industry, 1952 Secy Commodity Control Cttee, 1952 53 State Trading Cttee 1952 53 Secy Ministry of Commerce and Industry Govt of India *Publications Organisation & Finance of Industries in India* (joint author) (1937), *Financing of Indian Industries during Wartime* (1940) *The New Capital Issue Market in India* (1947) etc *Address* Ministry of Finance New Delhi

MUNOT, Seth Chandmal Jawanmal, Banker, and Merchant *b* May 2 1924 at Sarangwas (Marwar) *m* Smt Kamala Gandhi *Educ* H D High School, Sholapur After education took an active part in business and joined as partner of Sha Jawanmal Motilal a leading yarn and cloth merchant and commission agent after the death of his father 1944, started business in his own name 1947 has donated to public welfare libraries schools and hospitals has travelled widely in India is a social worker and is keenly interested in social reforms *Publications* Has been contributing articles to magazines *Recreations* Philosophy, Yoga *Hobbies* Stamp collecting and Collection of books Photography Travelling *Clubs* Ripon Hall Municipal Library and District Gymkhana Sholapur *Address* 60 Sakharpeth, Sholapur



MUNRO, John, O B E (June 1947), B Sc (Engg) (Glasgow), Deputy Director General, Supplies, Ministry of Works, Housing & Supply, Govt of India, New Delhi *b* August 1900, *s* of J Munro and C McCulloch Viewfield, Tain, Rosshire, Scotland, *m* Hilda Robinson, two *s* and one *d*, *Educ* Tain Royal Academy, Royal Technical College, Glasgow William Beardmore & Co Ltd, Glasgow, 1919-25, Govt of India (Inspection Department, Purchase Department and Disposals—War Surpluses Department), since 1926 *Recreation* Golf *Clubs* Delhi Gymkhana Club, New Delhi, Bengal United Services Club, Calcutta *Address* Kotah House, New Delhi

MUNSHI, Kanialal Maneklal, B A, LL B, D Litt, Governor of U P, since June 1952 *b* 29th Dec 1887, *m* Lilavati Seth, an authoress of repute in Gujarati language, 1926, *Educ* Baroda College Advocate, Bombay High Court, 1913, Joint Editor, *Young India*, 1915 Secy, *Bombay Home Rule League*, 1919 20, Editor, *Gujarat*, 1922 31 Fellow of the Universities of Bombay and Baroda since 1925, member, Baroda Univ Commission, 1926, Chairman, 1946 Commission, member, Cttee for the Univ of Gujarat, 1947, M L A Bombay, representing the Bombay Univ 1927-46, sentenced to six months imprisonment for Salt Satyagraha, April 1930, member, Working Cttee, Indian National Congress 1930, member A I C C, 1930 36 and 1947, sentenced to 2 years' R I for C D, Jan 1932, Secy Congress Parliamentary Board, 1934 Home Minister Government of Bombay 1937 39, President Hindi Sahitya Sammellan Udaipur, 1944, President Bharatiya Vidya Bhavan, since 1938, Editor *Social Welfare*, 1940 46 detained under D O I Act, 1940 41, member Constituent Assembly of India and of its Drafting Cttee and of Parliament, Agent-General to the Government of India in Hyderabad, 1947, Chairman Institute of Agriculture, Anand, Trustee Kasturba Gandhi National Memorial Trust, Hansraj Morarji Public School, Bombay, Food and Agriculture Minister, Govt of India, 1950 52 *Publications* (Gujarati) Novels, Dramas Essays, Memoirs etc (English) *Gujarat and its Literature I follow the Mahatma Akhand Hindustan Imperial Gurjaras Bhagwad Gita and Modern Life Creative Art of Life Address* Bharatiya Vidya Bhavan, Chowpatty Bombay, Governor s Camp, Lucknow (U P)



MUNSHI, Srimati Lilawati, M P (Council of States), Vice Pres, Bharatiya Vidya Bhavan *m* K M Munshi, Governor of U P 1926 Pres St John Ambulance Brigade (India), U P Branch, 1952 53 Ex-Service women s Welfare Cttee, Govt of India 1950-53, Bharatiya Kala Kendra Bombay Indian Conference of Social Work, New Delhi 1950 51, Balkan Ji Bari U P Branch, 1952 53, Bombay Branch of the A I W C, 47 48, Chairman Reception Cttee, UNESCO Cultural Sub Cttee Dec 1949 Children s Aid Society, 1942 46 Presidency Women s Council for 3 years Vice Pres All-India Women's Food Council since 1950, Rashtrabhasha Prachar Samiti Cultural Film Society Delhi, Director Bombay Life Insurance Co Ltd Oudh Sugar Mills, etc member Bombay Leg Assembly 1936 46 Bombay Univ Senate 1937-46, M P C C, 1931-34 A I C C, 1931 34, B P C C 1935 37 Social Service Cttee, Bombay Govt, etc, Film Advisory Board Govt of India 1949 53 Indian Council of Agri Research, 1950 53 Central Board of Film Censors 1950 52 Planning Cttee, U P 1953 Cttee Member, Prohibition Board P E N (India) courted jail in connection with freedom movement, 1930, 1932 and 1940 organised Annapoorna Cafeterias mobile van a dining car cafeteria and a School of Nutrition and Catering introduced in the Bombay Leg Assembly important resolutions like prevention of bigamous marriages, etc *Publications* *Rekhachitro ane Bija Lekho*, *Kumaradevi* (Historical Play) *Jeevanmathi Jadeli* (Short stories) *Rekha Chitro Juna Ane Nava* (Character sketches—old and new), also miscellaneous articles *Address* C/o Raj Bhavan, Lucknow



MURSHIDABAD Ihtisham-ul-Mulk, Raisud-Dowla, Amir-ul-Omrah, Nawab Asif Kadr Sir Syed Wasif Ali Meerza, Khan Bahadur, K C S I, K C V O, MAHABUT JUNG, NAWAB BAHADUR OF Premier noble of Bengal, Bihar and Orissa, 38th in descent from the Prophet of Arabia *b* 7th Jan 1875 *m* Nawab Sultan Dullin Fugfoor Jahan Begum Sahiba 1898, Heir Apparent Murshidzada Asif Jah Syed Waris Ali Meerza *Educ* in India under private tutors and in England at Sherborne Rugby and Oxford Has six times been member of Bengal Leg Council, an all round sportsman a great lover of fine arts and oriental pictures, and also an Urdu and Arabic scholar, Founder-President, Hindu-Muslim Unity Assoc *Address* The Palace Murshidabad

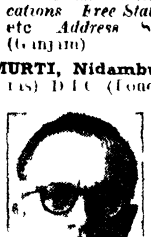
MURTHI, Ramchandra Krishna, Director T A Taylor & Co (Madras) Ltd since 1945 & Parker Pen Co (India) Ltd *b* June 8, 1907, s of late T S Ramachandra Iyer, *m* Smt Mangalamal two *s* and one *d*, *Educ* Govt High School Tiruvarur Tanjore Dist Served in the Bengalee Newspaper in Calcutta 1926 27 joined T A Taylor & Co Madras, as an Assistant 1929 Governing Body and Mg Cttee Member Y M I A Madras Cttee member, Southern India Chamber of Commerce Madras, was its Vice Pres Under Sheriff Madras 1947 attended the Biannual Congress of the International Chamber of Commerce in Lisbon 1951 travelled widely in U K Europe and U S A *Recreations* Tennis *Clubs* Cosmopolitan Club Chamiers Club Madras *Address* 115/1B Mowbrays Road Madras 18



MURTI, Pandit A S N *b* Nov 29, 1894 *m* Rameswari, one *s* Vishnu Kumar *Educ* Madras Christian Coll and P R Coll Kakinada Prominent member former Liberal Party, member of its Working Cttee, active social worker, was President of the Ganjam Harijan Sevak Sangh, took part in Non Party Leaders Conferences original member of the Indian Council of World Affairs conducted the administration of local bodies in the district, was a member of the Andhra Univ Senate has been associated with the Co operative Movement for the years, was President Orissa Millowners Assoc was President Chamber of Commerce Berhampur and Vice Pres Orissa Chamber Cuttack, served as Hon Magistrate donated the Maternity Ward in the Zenana Mission Hospital Pres Orissa Prov Andhra Assoc was member, Orissa Domicile Cttee, is an active farmer, Mg Director India Commercial Farms Ltd *Hobbies* Agriculture, Constitutional Politics, Journalism *Publications Free State for India Linguistic States* etc *Address* Sarvodaya Bhavan Chatrapur (Ganjam)



MURTI, Nidambur Narasimha, B A (Madras) D I C (London), Ph D (London) Principal and Professor of Zoology, Ramnarain Ruia College, Bombay since April 1952 *b* May 26 1908 *s* of N Rajgopalrao and Smt Kamalabai Rajgopalrao *m* Smt Lalitabai Baburao Moro, three *s* and two *d*, *Educ* Presidency Coll Madras Imperial Coll of Science and Technology, London Marshall Scholar, Imperial Coll of Science and Technology, London (1931 32) Professor of Biology Lingaraj Coll Professor of Zoology, Ramnarain Ruia Coll, Bombay, 1937 52, Member Senate of the Univ of Bombay from 1946, Dean, Faculty of Science, Bombay Univ since Aug 21 1952 *Publications* Several Original Papers in Foreign and Indian Scientific Journals *Recreations* Tennis, Table Tennis and Billiards. *Clubs* Dadar Club, Bombay 14 *Address* Principal s Quarters Ramnarain Ruia College Lakhampsey Nr Matunga, Bombay 19



MUSHRAN, Kampta Prasad, B A I P General Manager, Western Railway since Sept 1949 *b* Sept 3 1903 *Educ* Graduated from the Thomason Coll of Engineering Roorkee Joined the ex N W Railway as an Asstt Engineer 1925, was Divisional Personnel Officer Karachi, for some years Divisional Supdt, Delhi, June Sept 1946, later held posts of Dy General Manager and Dy Chief Engineer, ex N W Railway Lahore was Divisional Supdt Rawalpindi after the March riots in 1947 went on deputation to the International Railway Congress at Lucerne 1947 Director (Establishment) Railway Board Oct 1947 Sept 1949 *Address* Bombarel Altamont Road Cumballa Hill, Bombay

MUZUMDAR, Rao Bahadur Vinayak Dattatray, M A Member Income tax Investigation Commission and Sales Tax Tribunal *b* February 4 1893, *s* of Dattatray S Muzumdar of Ankola, North Kanara Dist, Bombay State *m* Anusuya Telang *e d* of Rao Saheb D A Telang, two *s* and four *d* *Educ* Bhandari High School Malwan Bharda New High School and Elphinstone College, Bombay Joined Govt of India service 1918 H M S Customs 1918 19, Income Tax Dept 1919, Deputation to Madras State, 1921 23 Income Tax Officer, Bombay State 1923 34 Assistant Commr Income Tax Poona Sind and Bombay 1934 44, Commissioner of Income Tax Calcutta Central and City 1944 46 Accountant Member Income Tax Appellate Tribunal 1947 Commissioner Income Tax Investigation Commn 51, member Sales Tax Tribunal 1951 Social activities Social Service Cherhood, Co operative Housing Bombay Suburban Dist, Contributions to magazines *Clubs* Cricket Club of India Ltd Bombay *Address* Roxana 140 Queens Road Fort Bombay 1

MYSORE His Highness Sri Jaya Chamarajendra Wadiyar Bahadur, G C B (1946), G C S I (1945) L L D (1942), the Rajpramukh of *b* July 18 1919, *Educ* Maharaja s College, Mysore passed B A from the Mysore Univ, 1938 Succeeded to the *gadi*, Aug 1940 was invested with full ruling powers, Sept 8, 1940, has travelled extensively in the Far East and Europe is an expert musician and a keen rider, has fallen in line with the other Indian rulers in having his State with an area of 29 489 sq miles, a population of 9 074 972 and a revenue of Rs 1970 lakhs acceded to the Republic of India *Recreations* Music, Riding, Tennis Racquets and Big game shooting *Address* Mysore



NADIRSHAH, Erach Ardeshir, B A, B E B Sc (Eng Edin), M Inst C E (Lond), M I E (India), F I S E (Lond), O B E, J P Chief Engineer, Concrete Association of India since 1947 *b* Feb 8 1895, *m* Miss Amy Hormusji Nariman, Feb 12, 1928, *Educ* Bombay, Poona and Scotland Apprentice Engineer, Cardiff Corpn (1918), Asstt Engr, The Indian Structures Co Ltd London, 1921 23, Works Engineer 1930 33, Dy City Engineer, 1933 36 Hydraulic Engineer, chiefly instrumental in introducing traffic round abouts and pedestrian crossovers in the Bombay City, on the Cttees of Bombay Town Planning Institution of Engineers (India) (Past President) The Indian Roads Congress (Vice Pres of Council) Indian Standards Institution Cement and Concrete (Chairman) Parsi Lying in Hospital (Secretary), Assoc of Edinburgh Univ Graduates and Chartered Collegiates (Pres) Assoc of the Engineering Graduates of the Univ of Bombay Rep in India of the Inst of Sanitary Engineers (Lond), Anjuman Atash Behram, Athornan Mandal, The Bombay Agri Horticultural Society, Bharatiya Vidya Bhavan *Recreations* Tennis, Swimming, Ping pong, Badminton, etc *Clubs* C C I, Rotary, R W I F C, W I A A *Address* Khatau Mansion Cooperage, Bombay

NAGPUR The Rt Rev George Sinker, M A Bishop of *b* May 5, 1900, *m* Margaret, *d* of Colonel C Madden, O B E, M C, *Educ* Rossall School and Brasenose College, Oxford House Master, Trinity Coll, Kandy Ceylon 1921 23 Ordained, 1924 Missionary C M S Bannu Peshawar N W F P Headmaster Bishop Cotton School Simla 1935 46, General Secretary, Bible Society of India & Ceylon, 1947 49 *Address* Cathedral House, Nagpur 1

NAIDU, Bijaty Venkata Narayanaswamy, M A B Com Ph D Barat Law Chairman Forward Markets Commission Is the of Bijaty Devarajulu Naidu *m* B I Lavathy three *s* *Educ* London Professor of Economics Annamalai University Acting Vice Chancellor Annamalai University Principal Pachaiyappa s College Member of the Syndicate, Annamalai University and Madras University, was simultaneously appointed Economic Adviser to Govt of Madras and member Tariff Board 1947 accepted membership, Tariff Board (later called Tariff Commission) 1952 3 *Publications The Problem of Rural Indebtedness, Study of the Working Conditions of Handloom Industry of the Madras Presidency, Study of the Problem of Working Conditions of Workers in Tannery and Allied Industries, Groundnut Sales Tax, Economics of Indian Agriculture, Fundamentals of Business Organisation, State and Economic Life Madras Finance* In Jamal Manzil Churchgate, Bomb

NAIDU, Gopalaswami Doraiswamy, M I S E, Industrial Scientist *b* March 23 1843 s of an agriculturist, *m* Smt Chellammal and Ranganayaki Ammal one G D Gopal and two *d* Krishnammal Velappan and Sarojini Balakrishnan Started life as a Cotton Broker founder, U M S Transport Co inventor of several mechanical devices travelled round the world four times member Zoological Society of India Prime Movers Panel State Aid to Industries Board (Madras), Board of Technological Education (Madras) Indian Machine Tool Manufacturers Assoc All India Manufacturers' Organization, Pres South India Centre of the India Society of Engineers (M I S E) Industrial Labour Welfare Assoc Ltd, Coimbatore, Director of several Transport Companies in Coimbatore *Clubs* Cosmopolitan Club Madras and Coimbatore Lawley Institute, Ooty, South India Athletic Assoc (Madras) *Recreations* Gardening, Practical Industrial Education to students *Address* Gopal Bagh, Avanashi Road, Coimbatore



NAIDU, K Venkataswami, B A M L A Ex Minister for Religious Endowments and Registrate, Madras State *b* July 1896 *m* K Varalakshmi Amma, *Educ* Pachaiyappa's College and Law College Enrolled as Advocate 1924, Trustee, Pachaiyappa's Trust Board Mayor of Madras 1938 39 Vice President Chennapuri Anna Dana Samajam, Chief Scout Comm Madras State *Publications Bud jyoti lab book Darsan Srivachana l* Cosmopolitan Madra Gardens Taylor's Madras



NAIDU S M Sriramulu, Proprietor Pakshiraja Studios Coimbatore, *b* Feb 1910 *Educ* Hindu Coll Tirunelveli Entered the film line 1936 produced and directed high class pictures iva mala, Siva Jagathalapratha Kannika, etc ndhos, 191

Coimbatore

NAIK, Gajanan, Palm Gur Adviser, Govt of India, Ministry of Food & Agriculture New Delhi *b* at Kolhapur and comes from Khanoli Village, Vengurla Taluk, Ratnagiri Dist *Educ* Kolhapur Is an ardent follower of Gandhiji and has worked in close conformity with his ideals in the political and constructive field for the last 20 years, was in charge of the Gur Dept of the All India Village Industries Assoc Wardha, for 10 years *Publications Palm Gur Address* New Delhi

NAIK, Dr Kuverji Gosai, M A (Bombay) D Sc (London), F R I C (England), F N I, Ex Rector, Gujarat University, Ahmedabad *b* Sept 1, 1885, *m* Itchhagauri one *s* and three *d*, *Educ* Bombay and London Worked in the factories of the I G Farben industrie, Germany Professor of Chemistry Univ of Calcutta and Baroda Coll Industrial Chemist to Govt of Baroda, Principal (Retd), Baroda Coll, was member Senate Syndicate Academic Council and Post Graduate Board, Univ of Bombay, was Principal, I D Arts Coll and M G Science Institute, Ahmedabad *Publications* Over sixty Research Papers *Recreations* Music, Indoor Games Hiking *Address* Naik Villa Pratapganj Baroda

NAIK NIMBALKAR, Nanasaheb, *alias* **Major Raja Bahadur Shrimant Sir Malojirao,** K C I L, Maratha (Kshatriya) Raja of Phaltan, Minister for Public Works, Govt of Bombay *b* Sept 11, 1896 *m* Laxmidevi Rani Sahiba, *d* of the late Shrimant Raje Shambhusinhrao Amarsinhrao Jadhavrao, Saranjamdar of Malegaon Bk Poona Dist and First Class Sardar of Deccan, *Heir* Shrimant Pratapsinha Bapusaheba *Educ* Rajkumar Coll, Rajkot Succeeded to the *gadi*, Oct 16, 1916, invested with full powers Nov 15, 1917, the Phaltan State was merged with Bombay State, March 8 1948 *Address* Secretariat Bombay

NAIR, Komath Govindan, B A B L Ex member Income tax Investigation Commission *b* July 1891 *Educ* Ernakulam College, Madras Christian College, Law College Trivandrum Started service as Income tax Officer, Madras, was Asstt Commissioner and Commissioner (I T) at Madras, Commissioner, Bombay (Central) Director of Inspection (I T), New Delhi member I T Central Board of Revenue and Joint Secy to Govt of India Retd April 1951 re appointed member I T Investigation Commn and retired Feb

Address Thariwath House Palghat and Govinda Vilas Kunnamkulam Travancore Cochin State

NAIYAR, Purushottam Prasad, Journalist Vice Pres, Jodhpur Zila Congress Cttee *b* April 16 1903, *s* of Munshi Pitamber Prasad, Akhtar Urdu poet, and *g s* of Kayasth Kul Bhusan Munshi Devi Prasad, Historian and Antiquarian *Educ* Had his early education locally, obtained proficiency in Urdu and Persian contributed much to art and literature Correspondent of several Indian and foreign papers a prominent worker, Indian National Congress in Indian States, since 1930 Pres, Jodhpur City Congress Cttee, 1936 46 member, Ex Body Ajmer P C C, 1939 46, Rajputana P C C since 1946 A I C C, 1940 46 elected member Municipal Board, 1944 Leader of its Coalition Party, 1947 50 was Secy Lok Parishad was Pres Jodhpur Civil Liberties Union, arrested and detained in Partabsar Fort 1939 first satyagrahi in Rajputana after clarion call by Mahatma Gandhi offered Satyagraha and sentenced to 15 months R I, kept in Central Jail Ajmer, 1940 41 during 1942 Quit India Movement arrested under 26 (b) D I R and detained in Matchya Fort 1942 44 is a popular figure in the public life of Rajasthan and Ajmer Merwara *Address* Jodhpur



NAJIB-Ullah, H E Sardar Doctor, Ex Ambassador for Afghanistan in India *b* Feb 24 1914, in Jalalabad Afghanistan, *Educ* Istiklal College, Kabul Doctor of Literature from Lyon Univ Secy Press Dept and Asstt Dir for Treaties Section Afghan Foreign Office 1934, Chief League of Nations Dept Foreign Affairs 1935 General Dir Political Affairs 1937 46 temporary missions to U S S R 1937 to Persia 1936 member Trade Delegation in India Dec 1938 Jan 1939 Minister of Education, 1946 49 Head of Afghan Delegation in the Pacao Regional International Conference in Cairo, 1946, Envoy Extraordinary and Special Representative of H M The King of Afghanistan in Pakistan 1947 48 Head of the Afghan Delegation in the General Assembly, UNESCO, Beyrouth, 1948, Goodwill visit to Iran Dec 1948 Rep of Afghanistan on the occasion of transfer of power to the United States of Indonesia Dec 1949 Hon member, Afghan Academy from 1938 member, Historical Commissions from 1940 Prof and Lecturer Political History of Afghanistan Univ of Kabul from 1941 member Council of Da Afghanistan Bank 1942 49 known Persian Pushtu French Arabic and English languages *Publications Sarauna or Afghanistan* (2 volumes) (A Political History of Afghanistan from the Dawn of History until the 13th Century A C) *Strabo and Ariana Negotiations with Pakistan* several poems and poetical prose in Persian *Address* C/o Royal Afghan Embassy 24 Ratendone Road New Delhi

NAMBOODIRIPAD, E M Sankaran, Member Political Bureau, C P I since 1941 *b* June 14 1909, *m* Smt Arya, one *s* and one *d* *Educ* St Thomas Coll, Trichur left College while in B A Class to join 1932 Civil Disobedience formed along with others Congress Socialist Party in Kerala, 1934, joined C P I later Secy, Kerala Provincial Congress, 1938 40, Congress M L A Madras 1939 40 *Publications* Various Books in Malayalam, *Short History of Peasant Movement in Kerala* etc in English *Address* Raj Bhuvan, Sandhurst Road Bombay 4

NAMJOSHI, Waman Moreshwar, Decoration Artist *b* Sept 18 1907 *s* of Moreshwar Teacher Ratnagiri and Sarasvati (Vasu) *d* of Principal M S Gole Poone*s*, Madhusudan, *Educ* Ratnagiri Started career as Furniture Designer, served in Army & Navy Stores McKenzies Ltd and E Wimbridge & Co as Interior decoration and Furniture Designer, opened own business with brother Vishnu, under the name Nambros Designers, 1939, designed decorative works for many States prominent personalities offices shops and theatres designed decorative settings and furniture for V Shantaram's Parwal pe sapna dekha Parchhain and Teen Batti Char Rasta the most note worthy of his designs being interior decoration and Architectural features of the theatres Strand New Empire Liberty Nazz Minerva of Bombay Minerva Calcutta Phul Patiala Chhaya Sholapur and Raj kumari Madras the Academia private preview theatre at top of Liberty being his best piece of design is now busy with designs to renovate a Cinema House in North India *Recreation* Photography *Address* 21 Pen ham Hall Lane Girgaum Bombay 4



NANAVATI, Romesh Chandra Motilal, F C I, F F C S, F Com Sc A F R Econ S, F S S (London) M Econ S (Chicago), Corporate Secretary & Consulting Economist Proprietor, R C M Trading Corporation Director Concord Corporation Ltd *b* Jan 25 1908 *m* Vasumati, *d* of Ratilal Achratlal Parekh *Educ* Esplanade High School Bombay Theosophical College Madras Obtained Fellowships of the Commercial Institute, Birmingham the Faculty of Secretaries Ltd, Guildford, and the Association of Commercial Science Hull (England) Elected Fellow of the Royal Economic and the Royal Statistical Societies of London in 1935 appointed Asstt Registrar for India of the I Secretaries Ltd, in 1936 rec their Majesties King Carol of Rumania King Boris III of Bulgaria (1936) and the Governor General of Australia (1934), Secretary to His Highness the Maharana of Dharampur 1928 38, recipient of the International Honour of the Order of Officer of Lordre Universal du Merite Humain of Switzerland (1938), Travel Solicitor to The American Express Co, Inc (1938 39) Political and Foreign Secretary, Senior member, State's Executive Council and Vice Pres State's Legislative Assembly (Raj Praja Parishad) Nagod State, C I 1940 43, Manager, Famous Cine Laboratories and Studios Ltd 1944 47, was responsible for planning and bringing into ex s largest Cine film processing s and Studios Constitutional A Adviser, Nagod State (1946 48) practising as consulting Economist and Business Adviser since 1947, visited Europe several times cruising, as far as Spitzbergen, Australia New Zealand Tasmania, Str Settlements China Japan and Ceylon *Publications A Few Freelances Address Residence* 'Khalsa Cottage 14th Road Khar Bombay 21 *Office* Thaoomal House Cowasji Patel Street Fort Bombay 1



NANAVATI, Someschandra Manilal, *b* Aug 23, 1909, *y s* of Sir Manilal B Nanavaty, *m* Smt Sulochana Chinai, *d* of Jeewanlal Chinai 1917, one *s* and one *d*, *Educ* Sydenham College of Commerce Has made exhaustive study of the Silk and Art Silk Industry, started the National Art Silk Mills Ltd in

Bombay, 1938, is its Managing Director, concentrates on the production of fine varieties of art silk fabrics, travelled extensively in Japan, Switzerland, Holland, France England, etc member, Managing Cttee of Indian Merchants Chamber, Bombay, member, Govt of India Rayon Advisory Cttee, Director Silk and Art Silk Mills' Assoc, Bombay member, Santa Cruz Residents Association *Clubs* Willingdon, C C I, Radio Club *Address* Leela Juhu Bombay

NANDA, Gulzarilal, B A (Hons) in English (1918), M A, LL B (1920), Minister for Planning Irrigation and Power Govt of India since Sept 24 1951 Member National Planning Commission since Feb 1953 *b* July 4 1898 *Educ* For in Christian Coll Lahore in Coll Agra Research holar Allahabad Univ Joined the non co-operation movement, 1921, Professor of Economics, National Coll Bombay Secy Textile Labour Association Ahmedabad 1922 to 1946, member National Planning Cttee Imprisoned for Satyagraha, 1932 1942 44 Trustee, Kasturba Memorial Trust, Secy, Hindustan Mazdoor Sevak Sangh Chairman Bombay Housing Board 1946 48, Parliamentary Secy, Govt of Bombay, Labour and Excise, 1937 39, Chairman, Standing Cttee of the Ahmedabad Municipality 1940 42 went to Geneva as a Govt delegate to the 30th Session of the International Labour Conference in June July 1947 worked on Freedom of Association Cttee, appointed by I L O Largely instrumental in organising Indian National Trade Union Congress in May 1947 appointed a substitute Govt Delegate, Asian Regional Conference, Oct 1947 elected member, Economic Programme Cttee of the All-India Congress Cttee, Minister for Labour, Govt of Bombay till March 1950, Dy Chairman National Planning Commn 1950 51 and 1952 Feb 1953 *Publications Some Aspects of Khadi History of Wage Adjustment in the Ahmedabad Textile Industry* *Address* Secretariat New Delhi



NANJAPPA, Venkata Subramani, Capt A I R O B Sc (Hons), (Mysore) I C S Chief Commissioner Tripura *b* Jan 26 1911 *m* Smt Lalita Devi *d* of late C S Doraiswamier Chief Justice Mysore State 1937 two *s* and two *d* *Educ* Central Coll Bangalore Univ Coll London Jesus Coll, Oxford Entered I C S, 1934 posted as Asstt Collector, Jalgaon, East Khandesh, joined the Army during World War II, 1940 43 Collector and Dist Magistrate, Nasik and North Kanara districts, appointed Administrator Kolhapur State, 1948, Chief Commissioner Cooch Behar State Special Commissioner Telangana, Hyderabad State *Recreations* Riding, Tennis Swimming etc *Address* Chief Commissioner s House, Tripura

NANJEE, Mrs Jayavati Pranlal Devkaran, J P and Hon Presidency Magistrate *b* 1898, only daughter of the late Govindji Jhaverchand, a Munsiff and Magistrate of Jamnagar State *m* Pranlal Devkaran Nanjee in 1911 Prominent in social activities for several years, Founder and Chairman of Fort Hindu Stree Mandal and Suman Bal Mandir, takes interest in Santa Cruz Gujarati Hindu Stree Mandal, and Bhagini Samaj Life Member of the Bombay Presidency Women s Council *Recreation* Writes Poems, Plays and Short Stories *Publications Suman Sarath* and *Sreyasi Residential Address* Lalit Vilas," Walkeshwar Road Malabar Hill, Bombay



NANJEE, Pranlal Devkaran, Banker, Merchant, Broker and Landlord *b* 11th June 1894 second son of late Seth Devkaran Nanjee, J P, *m* Jayavati, daughter of the late Govindji Jhaverchand, Munsiff and Magistrate of Jamnagar State, 1911, *Educ* St Xavier s College, Bombay Joined his father s firm at the age of 18 one of the Senior Partners in the firms of Devkaran Nanjee & Sons, and Messrs Devkaran Nanjee, Chairman Devkaran Nanjee Banking Co, Ltd, Devkaran Nanjee Insurance Co, Ltd, Denasons Ltd, and Devkaran Nanjee Investment Co Ltd, twice Pres, Indian Merchants Chamber, 1944 and 1952 Chairman Indian Banks Assoc since 1949 Fellow of the Indian Institute of Bankers and a member of its Council was Pres of Bombay Shroffs (Bankers) Association Ltd 1944 48 Trustee of the Indian Merchants Chamber and also a member of its Managing Cttee and several Sub Cttees Pres Swadeshi League, Gujarati Natya Mandal *Address* Lalit Vilas Walkeshwar Road Malabar Hill Bombay *Office Address* Devkaran Nanjee Building Horniman Circle Fort Bombay



NANJI, Dr Homi Ruttonji, B Sc (Bombay) Ph D B Pharm (Lond), F R I C Managing Director, Italab Ltd Director Pharmed Ltd Member the Pharmacy Council of India and Drugs Technical Advisory Board and Pharmaceutical Enquiry Cttee *b* Dec 2 1909, *s* of Dr Ruttonji Dorabji Nanji, *m* Miss Marie Helen Silkman one *d* *Educ* Royal Institute of Science, Bombay, Imperial Coll of Science and Technology, London *Publications* Several publications in Chemistry and Biochemistry *Recreations* Hockey Cricket *Clubs* W I A A Club Willingdon Club Ripon Club *Address* Sea View 13 Pali Hill Bandra, Bombay 20



NARAIN, Jagat, B A Education Minister Punjab *b* 1890 at Wazirabad, *s* of Lakhmi Dass Chopra *m* Smt Shanti Devi two *s* and eight *d* *Educ* Govt High School Jullipur D A V Coll, Lahore Left his studies in Law to join N C Movement 1920, courted jail several times in connection with the freedom movement acted as a Personal Asstt to late Lala Lajpat Rai during incarceration received his political schooling under Lajpat Rai and Bhai Parma Nand edited Akash Vani 1923 was also interested in the printing press business after partition started the 'Hind Samachar a daily news paper in Urdu has been its Managing Editor since then member P C C since 1936 Dy Leader Citizens Party, Lahore Corpr 1946 Gen Secy, Rakhsha Cttee 1947 has been a Trustee and later Chairman, Lahore (now Ludhiana) Maternity Hospital, member Jullundur Municipal Cttee and the Jullundur Improvement Trust, Gen Secy, P C C for the last three years *Address* Education Minister Punjab (India) Chandigarh

NARANG, Dr Gokul Chand, M A Ph D Bar at-Law *b* Nov 15 1878, *Educ* Punjab, Calcutta Oxford and Berne Universities Was Professor and Barrister, Ex Minister undivided Punjab Government, relinquished his knighthood in protest against Govt s attitude towards the legitimate rights of the Hindus, August 1945 *Publications The Message of the Vedas Transformation of Sikhism and Real Hinduism Address* 5, Cavalry Lines Delhi

NARASIMHAM, Mr Justice Ramaswamy Lakshmi, M A (Madras), B A (Hons) (Oxford), Diploma in Economics (Madras) I C S Judge, Orissa High Court, Cuttack since 1948 *b* Sept 27, 1906, *s* of late R Ramaswamy Ayyangar *m* Sreemati Indira Devi, two *s* and two *d*, *Educ* Presidency College, Madras and New College Oxford Joined the Indian Civil Service, Bihar & Orissa, 1931, after holding various administrative posts, joined the Judiciary, March 1939 officiated as Deputy Secretary, Legislative Department, Govt of India, May Sept 1945 Law Secy to the Govt of Orissa Oct 1945 June 1948 *Recreation* Tennis *Club* Cuttack Club *Address* Cuttack

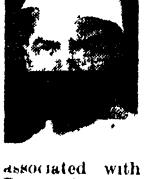
NARASIMHAM, S V L, I A Bl M I Advocate *b* May 24 1911 *s* of S V Purushottam Guntur *m* Smt S Rajyalakshmi, four *s* and two *d* *Educ* Guntur Madras and Trivandrum Enrolled as Advocate, Guntur Bar, elected to the Municipal Council Guntur was Secy, Guntur Bar Assoc Dist People s Food Cttee arrested and imprisoned in connection with C D movement is associated with Students, Youths and Labour movement returned to the House of the People from Guntur Constituency *Recreations* Games *Clubs* I V R A Sons Club Guntur *Address* Advocate, Bhodilpet Guntur 172 North Avenue New Delhi

NARAYAN, Jayaprakash, Politician and Bhoodan worker *b* Oct 11 1902, *m* Smt Parbhavati Devi *Educ* Bihar and U S A Founder Secy, Socialist Party (India) Head of Labour Dept, Indian National Congress 1931, imprisoned on several occasions was member, Congress Working Cttee, resigned membership due to difference of opinion with the Congress, Pres, All India Railwaymen s Federation, New Delhi *Address* C/o Praja Socialist Party, 6 Tulloch Road, Bombay 1

NARAYAN, Mr Justice Jugal Kishore, M A (Economics), B L, Judge, Patna High Court since Jan 1950 *b* July 2 1895 at Rampur village Saran Dist, *m* Srim Manmohini Devi one *s* and one *d*, *Educ* Mostly at Patna, and for some time at Calcutta, was first class first in B L exam of Patna Univ Was appointed Munsiff, August 1920 rose to the position of a High Court Judge by gradual promotion, first man from the Provincial Judicial Service to be appointed a permanent Judge of the High Court, Addl Judge, Patna High Court, Jan 1948 Jan 1950, is a staunch Vaishnava and is the disciple of Pandit Ram Ballabha Saranjee, celebrated Saint of Ayodhya is the first to be appointed a permanent Judge of the High Court from the Bengal and Bihar Provincial Judicial Service *Address* 14 Bayley Road, Patna



NARAYANA, Konda, M P Business man *b* Aug 15 1915 *s* of Venkaiya *m* Smt Kamalabai one *s*, Ravindranath, *Educ* High School Yadgiri evinced keen interest in Hindi Prachar Sabha early in life, detained in Central Jail Gulbarga under Hyderabad State Rule 119 for political activities, after release became a member of the Hyderabad Congress Cttee, took active interest in refugee problems, was member Refugee Cttee, Hyderabad, was also associated with the Peace Cttee, 1951 Pres Congress Working Cttee, 1946 49 *Recreations* Volleyball, Tennis *Club* Union Club *Address* Yadgiri, Gulbarga, Hyderabad (Dn) 17 North Avenue, New Delhi



NARAYANAN, K P, M A (Madras) Editor, Nagpur Times Nagpur since 1939 *b* June 14 1909 *s* of N Padmanabha Iyer Mill Owner Trichur *m* Smt Usha Devi, one *s* and one *d* *Educ* St Thomas Coll, Trichur Presidency Coll Madras Asstt Editor, Insurance Review Lahore 1933 Asstt Editor Daily News' Nagpur, 1935, member, Standing Cttee of A I N E C and of Prov Press Advisory Cttee for number of years Pres Working Journalists Union, M P 1952, M P Branch of Editors Conference, 1953, member, Railway Users Consultative Cttee (Divisional) member, International Press Institute *Recreation* Bridge *Club* Rotary Club, Nagpur *Address* Anand Vilas Dhantoli Nagpur M P

NARENDRA, Kumar, M A (Punjab), Editor, Daily Pratap, New Delhi and Jullundur *b* April 24, 1914 *s* of Mahashaya Krishna and Sh Chanan Devi, *m* Kamala Malhotra, M A, one *s*, Anil Kumar and one *d*, Usha, *Educ* Govt Coll, Forman Christian Coll, and Law Coll, Lahore Joined the Pratap 1939, ex Treasurer, All India Newspaper Editors Conference *Recreations* Music, Tennis *Club* Chelmsford Club, New Delhi *Address* 6 Keeling Road New Delhi

NATARAJAN, Dr Balasubramaniam, M A, D Litt, Dip in Statistics Certificate of Land Tenure from Univ of Wisconsin Economic Adviser and Statistics Authority (Labour Rules) to the Govt of Madras *b* May 13, 1910 *s* of Balasubramania Pillai *m* Srim Jayammal *Educ* Scott Christian Coll Nagercoil, Sri Meenakshi Coll Chidambaram, Economic Research Dept, Madras Univ Senior Lecturer in Economics, Dept of Indian Economics, Madras Univ, Asstt Dir, Co ordination (Planning and Development) of Industries during War and Transition from War



to Peace, and Post war Planning and Development under Govt of India (Ministry of Industries and Supplies), 1944 48, was connected with the work of Planning industrial capacity for War, and the switch over to peace, made a special study of Crop Insurance and prepared an original scheme for Madras State studied the working of the Passenger Transport in London, 1949, familiarised with problems of General Economic Development and combined resources development in the U S A during a four months travel study under the auspices of the U N, studied the working of the Federal Crop Insurance Scheme in the U S A, Japan and Cottage Industries in Japan, India s delegate to the 1st Conference of Economic Commission of Asia and the Far East 1948, the Seventh International Conference of Agricultural Economists at Stressa, Italy, 1949, the World Land Tenure Conference at Madison, Wisconsin 1951, Syndicate Member, Annamalai Univ, Member Board of Studies in Economics, Annamalai Univ, Special Cttee for Institution of Commerce Degree in Annamalai Univ, Board of Examiners to adjudicate Univ Degree, Presidency Coll Reorganisation Cttee, Tamil Academy and Tirukkural Research Cttee, Board of Management, Madras Provincial Co-operative Union, Indian Cotton Forecast Sub Cttee, Indian Central Cocoanut Cttee, State Compost Development Cttee, State Cottage Industries Board, Inter Departmental Secretaries Cttee on Planning, Board of Industries, Madras, Executive Cttee, Indian Society of Agricultural Economics, Indian Economic Asso, Central Executive Cttee, Indian Conference of Social Work, Bombay, Canadian Political Science Assoc, Canada, American Statistical Assoc, Washington, Econometric Society, Illinois, U S A, National Assoc of Soil Conservation, U S A, Secy, Cabinet Economic Cttee, 10th Session, All India Agricultural Economic Conference, Independent Member, Advisory Board, Minimum Wages Act 1948, Fellow, Royal Economic Society, London, Examiner, Annamalai and Madras Universities *Publications* *National Income and Expenditure in India*, *Wealth and Welfare in the Province of Madras* *A Scheme of Crop Insurance for Madras State* *Madras Finances* *Statistical Atlas*, *Food and Agriculture in Madras State* and over 100 papers in academic periodicals in India and abroad *Clubs* Social Rescue Service Madras Cosmopolitan Club Young Men s Christian Assoc *Address* Natana Bagh 1 First Starr Link Road Egmore Mad

NATARAJAN, Swaminath, B A (Hons) Journalist, ex Editor, *Bombay Chronicle* *b* April 21, 1907, *s* of the late Kamakshi Natarajan *m* S U Sobani, *Educ* Cathedral High School, Elphinstone Coll Editor, *Indian Social Reformer* (1931, 1932 and since 1940), Editor, *Free Press Journal* (June 1946 to Sept 1947) *Publications* *West of Suez*, *Lallubhai Samaldas*, *Social Problems* and *Indian Parties & Politics* (Oxford Pamphlets on Indian Affairs) *Recreation* Chess *Address* Kamakshi House Bandra, Bombay 20

NATESAN, P, M P Managing Director, South Arcot Electricity Distribution Co Ltd *b* March 4 1892 *Educ* C S M Coll Madras, Pres Madras Presidency Electric Licencees Assoc was Hon Presidency Magistrate for some time Councillor Corporation of Madras 1932 elected M L A Madras on Congress ticket 1936, Resigned following the lead of C Rajagopalachari who broke from the Congress on the Pakistan issue resigned from the Congress 1946 elected M L A, Madras as an Independent by the Southern Indian Chamber of Commerce, 1946 for some time Senior Steward and Chairman, Madras Race Club, returned to the House of the People on Congress ticket from the Tiruvellore Constituency 1952, travelled widely in England and the continent 1938 '49 and 50 *Clubs* Madras Gymkhana Club Madras Race Club, Cosmopolitan Club *Address* 5 Avenue Road, Nungambakkam Madras

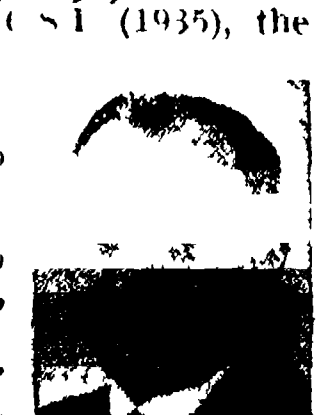


NATH, Bhola Education and Separate Revenue Minister Rajasthan *b* June 1911 *m* Smt Pushpa Devi two *s*, Harish Chandra and Ashok and two *d* Lalita and Usha, *Educ* Alwar Active in public life since student days, resigned State service on political ground, Founder member, Alwar Raj Praja Mandal and its Pres and Secy, member, Regional Council and its working Cttee and General Council, All India States People s Conference Pres Alwar Dist Congress Cttee General Secy, Rajasthan P C C member A I C C, courted imprisonment thrice in connection with political activities of Alwar Raj Prajamandal connected with several Educational Institutions toured Malaya and Singapore for educational purposes Public Works, Civil Supplies and Rehabilitation Minister of Matsya Union (Alwar) elected M L A Rajasthan from Lachhmangarh Rajgarh Constituency *Publications* *Swatantra Bharat* and *Congress Sandesh* *Recreation* Swimming *Address* 10 Civil Lines Jaipur, Rajasthan

NATH, Prof Dr Madhab Chandra, D Sc F N I F R I C F I C Chitnavis Professor & Head of the Department of Biochemistry Nagpur University, Nagpur, since 1946 *b* Oct 1905 at Hashara Dacca *s* of Nibaran Chandra Nath, *m* Shrim Indu Rani Nath, two *s* and three *d*, *Educ* Jagannath Intermediate Coll Dacca Univ of Dacca Lady Tata Memorial Scholar 1934 37 Lecturer in Physiological Chemistry Dacca Univ 1937 awarded Elliot Prize for Chemistry for 1941 by the Royal Asiatic Society of Bengal elected member of the American Association for the Advancement of Science Washington 1948 elected member Soc Expt Biol and Med New York 1950 is connected with several Scientific Societies Learned Bodies etc *Publications* 78 original papers on various problems of Bio-chemical importance published in India and outside, *Carbohydrate metabolism with special reference to the cause, theory and treatment of diabetes*, *Biosynthesis of Vitamins Steroids, Enzymes, Nutrition, etc* etc *Address* Nagpur University, Nagpur

NATH, Ram, M A (Allahabad), Deputy Governor, Reserve Bank of India *b* Nov 13 1903, *s* of late Rai Bahadur Pandit Kashi Nath, C I E and Smt Lilavati, *m* Dr (Miss) Kamla Rai M B B S, L M, D G O (Dublin), F R C S (Edin), one *s* and one *d* *Educ* Allahabad Univ Joined the Imperial Bank of India, 1925 services transferred to the Reserve Bank of India, 1935, Secy, Reserve Bank of India, 1943 48, M L A, Centre, 1945 47, member first Indian Delegation on Sterling Balances, Jan-Feb 1947 Indian Delegation to the Second Annual Conference of the International Monetary Fund and the International Bank for Reconstruction and Development, Sept 1947, Cttee appointed by Govt to report on the application of profit sharing to Industry, 1948, Managing Dir, Industrial Finance Corporation of India, 1948-51, Pres, Session of the International Credit Conference in Rome, Oct 1951 *Recreation* Walking *Clubs* Calcutta Club Willingdon Sports Club Bombay Delhi Gymkhana Club *Address* Reserve Bank of India Bombay

NAWANAGAR Lieut -General His Highness Maharaja Jam Shree Digvijaysinghji Ranjitsinghji Jadeja, G C S I (1947), G C I E (1939) K C S I (1935), the Maharaja Jamsaheb Bahadur of *b* Sept 1, 1895 *m* Princess Gulabkunverba, *d* of His late Highness Maharao Saheb of Sirohi and *g d* of His late Highness Maharao Shree Khengarji Saheb of Kutch, March 7, 1935, one *s* and three *d*, *Educ* Rajkumar Coll, Rajkot, Malvern Coll and Univ Coll, London Succeeded to the *Gadi*, April 1933, Chancellor, Chamber of Princes, 1937 44, Capt, late 5th/6th Rajputana (Napier s) Rifles saw active service with the Egyptian Expeditionary Force, 1920 and with the Wazir Force, Jan 1922-24, Major 1936 Colonel 1942, Lieut General, 1948, was elected *Rajpramukh or the constitutional head of the* United State of Saurashtra, Feb 15, 1948 and permanent Rajpramukh, 1949, visited the Middle East 1941, represented Indian Princes on the Imperial War Cabinet and Pacific War Council in London, 1942, Indian delegate at the Annual Sessions of the General Assembly of the U N O at Paris in Sept Dec 1948 and at the 4th Session of the General Assembly of the U N O Flushing Meadows, Lake Success in Sept Dec 1949 again at the 5th Session 1950, elected member and then Chairman, U N Administrative Tribunal at Lake Success, 1950, July Aug 1951, at Paris, Dec 1951 Chairman Budgetary Cttee, 1950, elected Chairman U N Negotiating Cttee for Korean Rehabilitation elected member Council of the I A F Benevolent Assoc, New Delhi Specialised in Lewis Gun, Machine Gun Searchlight work and tactics *Recreations* Rackets Cricket Squash, Tennis and Shooting *Clubs* Marlborough, Willingdon Sports Club, Bombay, National Sports Club of India, New Delhi, Jamnagar Rotary Club, Patron in Chief, Jamnagar Rifle Club *Address* Palace Jamnagar, Saurashtra



NAYAR, Dr Sushila, M B B S M D Dr P H Minister for Health, Rehabilitation and Transport Delhi State since 1952 *d* of Brindaban Nayar E A C and Smt Taradevi of Kunjah *Dist* Gujrat (West Punjab), *Educ* Lahore Coll for Women, Lahore, Lady Hardinge Medical Coll, Delhi, M B B S John Hopkins in U S A (Baltimore Md), Dr P H King Edward Medical Coll Lahore M D Medical attendant to Mahatma Gandhi and his Ashram, Rural medial work at Sevagram and in Noakhali Communal Harmony and social work in Noakhali East and West Punjab and Delhi [illegible] Faridabad, Secy M [illegible] rba Trust Secy [illegible] hi Memorial Trust Spe [illegible] on Problems *Publications Kasturba Karavas Kikahan* [illegible] articles on Gandhian thought or medical subjects *Recreation* Painting, writing etc *Address* 19 Rajpur Road Delhi

NAYUDU, Lt-Col Cottari Kankaiya, Muntazim Bahadur, 1939 Diler Jung 1940 WAFADANI DOWLAI (1944), A D C to H H The Maharaja Holkar of Indore Mil Secy to H H The C in C Indore Army All India Cricketer *b* Oct 31 1895 *m* Gunavati, *Educ* Hislop College Nagpur *Address* Indore

NAYUDU, Mr Justice W S Krishnaswami, B A, B L Judge High Court of Judicature, Madras since July 16 1949 *b* Oct 25 1896 in the City of Madras *m* W S Bangaramah, three *s*, *Educ* Pachaiyappa's Coll and Law Coll Madras Univ Enrolled as Advocate Madras High Court 1924, was one of the leading Advocates District Grand Registrar District Grand Lodge Madras *Recreation* Music *Clubs* Cosmopolitan Club, Free Mason Past Master Lord Institu *Address* Langs Gar Madras 2

NAZARALLY, M Abdulhusein Nazar, Scholar in Urdu and Businessman, Founder and Proprietor Saifee Book Mfg Depot *b* Feb 1911 in Sehore in the State of Bhopal *s* of late Mulla Abdulhusein, business man and Hon Magistrate in Mandhata (Onkareshwar), *m* Amtu bai (deceased), Zehrabai, two *s* and one *d* *Educ* Privately Started writing poems in Urdu at the age of 15 Pres of several Urdu Literary Societies *Publications* *Moje Sal Sabil* in Urdu, containing poems on martyr [illegible]



Address 72 Abdul [illegible] Bombay 3

NEHRU, Brij Kumar, B Sc (Allahabad) B Sc (Econ) (London) I C S Executive Director International Bank for Reconstruction & Development, and Minister, Indian Embassy, Washington, since 1949 *b* Sept 4, 1909, *s* of Pandit Brijlal Nehru, Accountant General (Retd) *m* Magdalena Friedmann 1935, three *s*, *Educ* Allahabad University, London School of Economics, Balliol College Oxford, Inner Temple Joined the I C S, 1934, Assistant Commissioner Punjab, 1934 39 Under Secretary to the Govt of India, Dept of Education Health and Lands 1939 Officer on Special Duty, Reserve Bank of India and Under Secy, Finance Dept, 1940 Dy Secy 1944, Joint Secy, 1947, represented India at the Reparations Conference in Paris, 1945, Commonwealth Finance Ministers' Conference London 1949 50 United Nations General Assembly, 1949 52, Food & Agricultural Organisation, 1949 50 and at the Sterling Balance Conferences 1947 48 49 deputed [illegible] into Australia Federal Finance, I U N Advisory Cttee on Admi Budgetary question [illegible] Reading [illegible] Gymkhana [illegible] Washington D C

NEHRU, Jawaharlal, M A (Cantab) Bar at Law Prime Minister of India and Minister for External Affairs and Defence *b* 1889 *m* 1916, *Educ* Harrow School and Trinity College, Cambridge, Bar at Law of the Inner Temple Advocate, Allahabad High Court Secretary, Home Rule League, Allahabad 1918, member, All India Congress Committee since 1918, imprisoned, 1921, released and again jailed, 1922 General Secretary, All India Congress Committee 1929 President Indian National Congress 1929 30 underwent imprisonment for Salt Satyagraha April 1930 and released in January 1931 again imprisoned in 1932 in connection with Civil Disobedience Movement released and again imprisoned 1934 released 1935, President Indian National Congress 1936 1937 and 1946 imprisoned for the eighth time in 1940 under the Defence of India Rules, again, for the ninth time, Aug 1942 released on 15th June, 1945, was conferred the Hon degree of LL D by Patna Univ, Nov 1946, represented India as the Prime Minister at the Commonwealth Conference held in London in May, 1949, at which it was agreed to retain India as a member of the Commonwealth even after she became a Republic went to America on a goodwill mission Oct Nov 1949 attended the Commonwealth Foreign Ministers Conference Colombo Jan 1950, also visited Indonesia June 1950 attended the Commonwealth Prime Ministers Conference, London, Jan 51 appointed Chancellor Vishwabharati Univ, Santiniketan May 1951 became Congress President Sept 1951 attended the coronation of Queen Elizabeth II and the Commonwealth Prime Ministers Conference June 1953 attended the conference of Prime Ministers of S E Asia in Colombo May 1954 *Publications* *Autobiography* *Glimpses of World History* *Soviet Russia* *The Discovery of India* etc *Address* Teen Murti House New Delhi *Private Address* Anand Bhavan Allahabad



NEHRU, Shrimati Rameshwari, Hony Adviser and President Central Advisory Board for the rehabilitation of displaced widows unattached women the old and infirm and their dependants the Central Ministry of Rehabilitation *b* 1886 *d* of the late Raja Narendra Nath *m* Pandit Brij Lal Nehru two *s* Brij Kumar Nehru Balwant Kumar Nehru *Educ* Privately Edited Women's Magazine *Stridharpan* from 1909, Founder President Delhi Women's League 1926 Member Age of Consent Cttee 1928 toured England and Continent, 1930 32 and collaborated with League of Nations at Geneva 1931 President All India Women's Conference 1940 Agent Kasturba Memorial Fund Cttee for Punjab and Kashmir Pres Children's Aid Society Lahore 1946 and Delhi from 1947, Pres The Assoc for Moral and Social Hygiene in India *Publications* *Gandhi is my Star*—collection of speeches and writings edited by Prof Somnath Dhar *Recreation* Work *Address* 8 Dandi Cornwallis Road New Delhi

NEHRU, Ratan Kumar, B A (Oxon) Foreign Secretary Govt of India *b* Oct 10, 1902, *s* of Pandit Mohanlal Nehru, *m* Rajan Nehru, two *s*, *Educ* Allahabad and Oxford Joined I C S, 1925, Dy Commr, M P, Deputy Secretary to Govt of India, Collr of Customs Bombay (1936), Commissioner, Central Excises, Northern India (1939 42) Joint Secretary, Supply and Commerce (1942 46), Leader, Indian Delegation to International Trade Conference London (1946), Representative on U N [illegible]missions (1947) Additional Secy Finance (1947), Chairman C B R (1947), Secretary, Communications Ministry (1947) Minister in Washington (1948) Ambassador of India, Envoy Extraordinary and Minister Plenipotentiary of India in Sweden Finland and Denmark till Sept 1951, Delegate to 6th Session of U N General Assembly *Recreations* Hiking, Tennis *Clubs* International Club Stockholm and Gymkhana Club Delhi *Address* [illegible] Affair Mans Delhi

NEOGY, Kshitish Chandra, Member Planning Commission since May 1953 *b* 1888 *m* Sreemati Lila Devi *Educ* Presy Coll Calcutta Dacca Coll Some time a member of the All India Council of the Nat Lib Fedn elected member of the Dacca Univ Court, 1924 25 member (Central) Legislative Assembly 1921 34 re elected 1942 Adviser to the Indian States Delegation to the Three Round Table Conferences in 1930 31 Dewan of Mayurbhanj State in Eastern States group, 1935 40 Political Adviser Mayurbhanj State, 1940 42 elected member Standing Cttee of Ministers of the Chamber of Princes, 1940 42, Chairman, Committee of Ministers of the Council of Rulers Eastern States 1940 42, Member Central Assembly, 1946 to 15th August, 1947 Member, Human Rights Commission (U N O), 1946, Chairman, Planning Advisory Board (Government of India) Chairman, Indian Railway Enquiry Committee, 1947 (Government of India) Minister for Commerce Govt of India, 1948 resigned 18th April 1949 Chairman, Finance Commission Govt of India 1951 53 *Address* New Delhi

NICHOLS-ROY, The Rev James, Joy Mohon, B A Minister Excise Jails Registration and Stamps Assam Govt since 1952 Christian Missionary *b* June 12 1884 at Shella Khasi Hills Assam *m* N Evelyn Nichols *Educ* Duff Coll Calcutta, member Assam Leg Council 1921 30, M L A, 1937 52, author of the Assam Students Smoking Act the Assam Temperance Act the Opium Smoking Act Minister of Local Self Govt and Public Health Excise and Registration 1927 29 Chairman Assam Opium Enquiry Committee 1934 Minister Local Self Government Medical and Public Health 1937 38 P W D Forest Industry and Co operative Societies 1946 47 P W D 1947 April 1950 was member Consultative Ctte of the Congress Party in the Constituent Assembly New Delhi Member [illegible] Ctte for Minorities Sub Ctte for [illegible] ntially Excluded and Tribal Areas [illegible] A I C C, 1946-47 has travelled widely [illegible]ed Singapore Japan China U S A Honolulu and the British Isles again from April 1943 Oct 1945 [illegible] Durban and Cape Town in South Africa, South America and Panama Canal U S A Canada and Australia Member of the Constituent Assembly, Deputy Leader, Congress Parliamentary Party in Assam in 1950 and 1951 re elected to the Assam Leg Council from the Shillong Constituency in the general [illegible]s 1952 again appointed Minister Feb 1952 has been responsible a [illegible] for the passing of the Assam Liquor Prohibition Act 1953 *Publications* *Speech on Christianity* *Hours with Jesus Christ* *Life of Christ* *Clarion Call to Christian Unity* *Christian Unity* *Hill Districts of Assam* *Speech on the British Cabinet Mission Declaration* etc *Address* Shillong Assam



NIJALINGAPPA, Siddavvanahalli, B A, L L B, M P Pres, Karnatak Provincial Congress Cttee, member Congress Working Committee *b* Dec 10, 1902, *m* Srim Murigamma, three *s* and six *d*, *Educ* Davangere, Chitaldroog, Bangalore

and Poona Enrolled as advocate of the Mysore High Court 1926 convicted for political offence 1939, debarred from practice 1940, member, Mysore Congress Working Cttee since 1939 Pres Mysore Congress 1945 46, member, Working Cttee of Parliamentary Board, Indian National Congress and also of Working Cttee INC 1948 53 *Recreation* Tennis *Address* Venkatesh pura Extension, Chitaldroog (Mysore State)

NIMBKAR, Vishnu, B Sc M I (N Y Univ) M A S M E (U S A) A M I Mech E (London) A I Loco E (London), General Manager (India and Pakistan), The Consolidated Pneumatic Tool Co Ltd *b* June 25 1900 *s* of Dr R K Nimbkar of Phaltan State *m* Miss Elizabeth Lundy of Newtown, Pa, U S A, one *s* *Educ* Deccan Coll Poona New York Univ New York and Columbia Univ New York Employed in the Foreign Trade Department of the Chicago Pneumatic Tool Co, New York 27 29 Asstt Engineer, Consolidated Pneumatic Tool Co Ltd, Trasterburgh, 1929 Service Engineer, Consolidated Pneumatic Tool Co Ltd, Bombay 1929 32 Manager for Bombay, 1932 34 Acting General Manager, 1934 42 and apptd Resident General Manager, 1943 General Manager, 1945 General Manager, India & Pakistan, 1948 Managing Director Hindusthan Mineral Products Co Ltd, Bombay Mineral Mining Co Ltd Madras Director Bombay Potteries and Tiles Ltd Bombay Korula Rubber Co, Ltd Bombay B I M C O Engineering Co Ltd, Belgaum *Clubs* C C I Willingdon and Bombay Presy Golf Club, Bombay, Roshanara Club, Delhi, Mysore Sports Club, Mysore Century Club, Bangalore Calcutta Club, Calcutta National Sports Club, Delhi *Hobbies* Gardening and Agriculture *Address* Liberty Building 41/42 Marine Lines Bombay *Residence* Amerind 15th Road Khar Bombay



NIYOGI, Machiraju Bhawanishanker, M A I L M, I L D (Hon), Kt (1944), C I E (1936), Ex Chairman Public Service Commission Madhya Pradesh *b* Aug 30 1886 *s* of M Sunder Ram & Kanakabai *m* Dr Indirabai, M B B S (Bom), two *d*, *Educ* The Hislop College, Nagpur Started practice at the Bar, 1910 Pres, Municipal Cttee, Nagpur, 1925 28 member, Univ Court since 1924, Vice Chancellor, Nagpur Univ, 1932 36, Addl Judicial Commissioner, 1930 36, Judge High Court 1936 46, Chief Justice, 1946 retired, 1946, Pres Univ Union, 1928 29 Chairman, Local Board of Directors, Bharat Insurance Co 1928 33, interested in social and political reforms activities *Recreation* Billiards *Clubs* Gondwana Club, Nagpur, Maharajbagh Club Indian Gymkhana *Address* Amba Vihar P O Nagpur Ajni

NOPANY, Rameshwarlall, Millowner and Merchant *b* in 1902 at Calcutta son of late Seth Daulatram Nopany *Educ* Scottish Church College, Calcutta Partner Messrs Daulat ram Rawatmull, Calcutta and Daulatram Nandlal Bombay Director Shree Hanuman Sugar Mills Ltd, Mewar Sugar Mills Ltd North Bihar Sugar Mills Ltd Belsund Sugar Co Ltd Shree Bajrang Jute Mills Ltd, Naskarpara Jute Mills Ltd New Huntodih Coal Co, Ltd Mahabir Collieries Ltd, Hind Mills Ltd United Commercial Bank Ltd Ruby General [illegible] Co Ltd, Eta Producing Co [illegible] and several other Industrial and [illegible] concerns Member Indian Central Sugar [illegible] Cttee [illegible] and Indian Central [illegible] Cttee since [illegible] Indian Chamber of Commerce [illegible] Indian Hemp Association (1941 43), Indian Sugar Mills Association (1940 41) Hon Treasurer Federation of Indian Chambers of Commerce and Industry (1933 34) takes active interest in social work has founded Charitable Trusts and Institutions for social and educational uplift and medical relief *Address* 178, Harrison Road Calcutta



NORKAY, Sherpa Tensing, Mountaineer Director School of Mountaineering Darjeeling *b* 1914 in Solo Khumboo Village Eastern Nepal *s* of Minga and Kinguim *m* Smt Angdhimu two *d* Pempem and Nima Had a natural love for mountains early in his childhood, began life as a porter attached to party of mountaineers at Darjeeling participated in [illegible] Himalayan expeditions has taken part in more Himalayan expeditions than any other person attempted Everest as a youth of 21 when he accompanied Shipton's Reconnaissance Party 1935 participated in the expedition under Ruttledge 1936 went with Tilman's party where he earned a name for himself reached a height of 28 210 feet with Raymond Lambert March 26, 1952 conquered the summit of Mount Everest at a height of 29 002 ft with the New Zealand mountaineer E P Hilary under the leadership of Col H J C Hunt of the British Expedition May 29 1953 presented by the King of Nepal with the Star of Nepal 1st Class June 1953 awarded George Medal by Queen Elizabeth awarded Tenzing's highest sports medal by the Shah of Iran presented with a special medal by Dr Rajendra Prasad President of India for extraordinary courage and heroism in the Everest Expedition awarded the U S Hubbard Medal the medal of the National Geographical Society of America March 16 1954 *Address* Darjeeling

NORONHA, Socrates, M B E K I H, J M & S D T M & Hy (Eng) D T M (Lond), F C P S Consulting Dermatologist Bombay *b* 1889 *m* Dr Myrtle Machado M B B S F C P S D T M & Hy (Eng) D T M (Lond) J P Hon Magistrate (died 1943) *Educ* Grant Medical College St Johns St Pauls and St Thomas Hospitals London Royal Infirmary Edinburgh, St Louis Hospital Paris Wilhelmine Spittal Vienna Hon Surgeon H Commander I N Ex Professor Dermatology National Medical College, Bombay Hon Consultant Dermatologist, St George's Hon Secretary Social Hygiene Council and Mothers & Children Society President University Medical Post Graduate Association Ex President College of Physicians and Surgeons Bombay Ex Venereologist Municipal Corporation of Bombay (1917 41) represented the University and Municipality of Bombay at various International Congresses in Europe decorated for distinguished public service with the Order of British Empire Kaiser I Hind Medal Coronation and Jubilee Medals *Address* Lesnor 45 Tamington Road Bombay 8

OBHRAI, Mr Justice Ram Labhaya, B A, L L B (Punjab), Judge Assam High Court since Jan 1949 *b* Jan 22, 1897 *s* of late L Amir Chand *m* Smt Isher Kaur three *s* and one *d* *Educ* Chakwal Dist Jhelum Abbottabad Dist Hazara, Lahore Practised law in the Hazara Dist for 20 years then at Peshawar for about four years managed aided educational institutions at Abbottabad, served as Vice Pres, Municipal Board, member Provincial Transport Authority and Provincial Rationing Authority at Peshawar, elevated to the Bench, appointed Acting Judge, Judicial Commissioners Court Peshawar March 1946 after partition appointed Chief Minister (Diwan) of Chamba State and its Chief Executive Officer after merger of the State, was Judicial Commissioner Ajmer, for a few weeks *Recreation* Reading particularly Oriental *Clubs* Gauhati *Address* Judge [illegible] Gauhati

OJHA, Jayantilal Manishanker, Chairman, Jayantilal Ojha & Co *b* May 3 1907 at Anjar, Kutch, *m* Srimati Mangala Gouri, *d* of Lakshmishanker Ojha, 1928, *Educ* High School education, Ahmedabad, while a student, took part in Congress movement and worked at Sabarmati Ashram Served on E Rly Advisory Cttee, Coal Wagon Supply Cttee, Soft Coke Cess Cttee, Indian Colliery Owners' Assoc, Joint Working Cttee of Coal Assoc Director Gourangdih Collieries Ltd, Pandungya Coal Co, Ltd Shrimpore Coal Co, Ltd, Shree Diamond Jhore Colliery Co, Ltd, North Dhemo Coal Co, Ltd Sarpi Kajora Coal Mines Ltd New Joyrampore Coal Co, Ltd President Board of Trustees, Bhawanipur Gujrati Bidmandir, Trustee Shrimali Education Trust Ahmedabad, Shree Narbheram Madhavji Memorial Trust, Senior Vice-Chairman, Indian Mining Federation, Vice Chairman Calcutta Anglo Gujrati School, Member Cttee of Bharat Chamber of Commerce, Calcutta Traffic Advisory Board, Coal Advisory Cttee *Clubs* Calcutta Rotary Club, South Calcutta Club Calcutta Club and Life Member Cricket Club of Bengal *Address* 81 Stephen House Dalhousie Square, Calcutta



OZA, Ghanshyam Chhotalal, B A L L B Minister for Rehabilitation Industries and Commerce Food supply and Labour Govt of Saurashtra *b* Oct 25, 1910 *s* of Chhotalal Pitamberdas Oza and Smt Savitagauri Chhotalal Oza, *m* Smt Rama Ghanshyam Oza two *s* and two *d* *Educ* Bhavnagar Poona and Ahmedabad Advocate Saurashtra High Court Rajkot *Recreations* Reading, Sports *Address* Behind Sardar Baug Rajkot

OZA, Keshavlal Karsanji, B A (Hons), L L B, Ex Deputy Collector (Gharkhed) Zalawad District *b* December 9 1895 *m* Savitri *d* of late Mulshanker J Trivedi, once a Naib Suba in Baroda State, *Educ* Wankaner High School, Bahaud din College, Junagadh and Government Law School, Bombay Practised as a Pleader in Junagadh State, 1921 22, Sarnyayadhish, Lakhtar State, 1922 27, Treasury Officer Wankaner State 1927 31 and 1941 Dewan, Lathi State, 1931 38, Dewan Mansa State (Mahikantha), 1938 41, Dewan Vala State 1943 48 was elected President, Executive Committee of the 11th Gujarati Sahitya Parishad" convened at Lathi under the Presidentship of Dewan Bahadur Jhaveri Krishnalal Mohanlal, retired Chief Judge Court of Small Causes, Bombay, on integration of Kathiawar States into the United State of Saurashtra, was first appointed as Officer-in Charge, Muli and Sayla, District Treasury Officer, Zalawad and Dy Collector (Gharkhed) Zalawad retired from Govt service March 2 1953 Vallabhipur (Saurashtra)



PAI, Ammembal Vittal, B A I C S, C I E (1946) O B E (1939) Secretary Ministry of Home Affairs Govt of India since 1st March 1953 *b* Oct 11, 1901, *m* Tarabai, only *d* of Rao Bahadur Dr M Kesava Pai, O B E, M D, *Educ* Canara High School, Mangalore, Presy Coll Madras and Wadham Coll, Oxford Asstt Collector North Arcot Dt, Madras 1926 27, Sub Collector Palghat and Kumbakonam 1928 30 Under Secy, Govt of Madras Public Works and Labour Depts, 1931 34, Addl Dt Mgte, Tanjore, 1936, Agent of the Govt of India in Ceylon, 1936 40, Dy Secy to the Govt of India, Dept of Indians Overseas, 1941-44, nominated

Official member of the Council of State, 1942, and nominated Official member of the Leg Assembly, 1943, Joint Secy to Govt of India, Comtaonwealth Relations Dept, and Controller Genl of Emigration 1944-47, Minister-Counsellor Indian Embassy Moscow, 1947 48, Principal Private Secy to the Prime Minister of India 1948 50 Secy Ministry of Communication
tariat New Delhi

PAI, Mangalore Purshotam, B A (Madras), B A (Hons) (London) Second Member Board of Revenue Andhra Govt *b* December 1, 1906, *s* of Rao Bahadur Dr M K Pai, O B E, M D *m* two *s* and three *d*, *Educ* Madras London and Oxford Controller of Coffee, Indian Coffee Board 1940-42, Provincial Textile Commissioner, Madras, 1942, Controller of Supplies, S I Circle Govt of India 1942 45, Joint Secy, Ministry of Industry & Supply 1946 49 Jt Secy, Ministry of Works and Supply 1949 52 officiated as Managing Dir, Sindri Fertilisers and Chemicals Ltd, April July 1952 and Feb May 1953 Jt Secy, Ministry of Production Govt of India 1952 54 *Club* Delhi Gymkhana New Delhi *Address* Board of Revenue Andhra Govt Madras

PAKES, Ernest John, Chairman Mackinnon Mackenzie & Co Ltd Allahabad Bank Ltd The India Jute Co Ltd and the Megna Mills Co Ltd, since 1951 *b* Jan 28, 1899 *m* E F Pickering one *s* Deputy Representative Ministry of War Transport, Karachi 1945 46 Chairman Karachi Chamber of Commerce 1946 47 Vice Pres Bengal Chamber of Commerce & Industry 1952 53 Pres 1953 54 Pres, Associated Chambers of Commerce of India 1953 54 Director of Equitable Coal Co Ltd and other Coal Jute Tea and Engineering Companies *Recreations* Tennis Golf *Clubs* Bengal Calcutta Tollygunge (Calcutta) Royal Bombay Yacht Club (Bombay) Oriental (London) *Address* 4 Alipore Road Calcutta



PAKVASA, Mangaldas Manchharam, ex Governor of Madhya Pradesh from August 1947 to July 1952 *b* May 7 1882 *Educ* Elphinstone High School and Elphinstone College, Bombay some time Dakshina Fellow, Elphinstone College, and won Dhirajlal Mathuradas Scholarship in LL B Solicitor for thirty years, was in jail 14 months in connection with the 1932 Satyagraha, 12 months in 1940 and 17 months in 1942 43 went on a world tour and visited Italy Switzerland, France, Belgium, Germany, Austria Hungary, England, America, Japan and China, 1935, as Solicitor for the All India Spinners Assoc helped in saving income tax, and fought up to the Privy Council when it was decided that that body was not liable to income tax was the Chairman of Bombay City Adult Education Cttee, Bombay Historical Society, Hindustan Scout Assoc etc, President Bombay Legislative Council from July 1937 to 14th August 1947 *Address* 29 Doongersey Road Malabar Hill Bombay 6

PAL, Benjamin Peary, M Sc, Ph D (Cantab), I L S F N I, Director, Indian Agricultural Research Institute, New Delhi *b* May 26 1906, *s* of Dr R R Pal, *Educ* Rangoon University (1924-29), Cambridge Univ, Downing College (1929 32) Joined the Indian Agricultural Research Institute 1933 appointed Director 1950 President, I Section of the Indian Science Congress 46) Indian Society of Genetics and Breeding (1947 48) member, Agricultural Mission to China (1944), member, Indian Scientific Delegation to Australia (1949) Fellow Indian Botanical Society 1950 Formerly Vice President All India Fine Arts and Crafts Society *Publications* Over 60 papers on plant breeding and genetics of crop plants *Recreations* Painting and Rose gardening *Address* New Delhi

PALIWAL, Pt S K Dutt, M A (Economics), Sahitya Rattan (Hindi) Journalist *b* August 1896 at Tanawra Village Agra Dist, *s* of Pt Brij Lal Sharma, *m* Begam Maqsud Jehon, *Educ* Agra Coll Agra, M A O Coll, Aligarh Pres U P Congress Cttee for 7 years, M L C (U P), 1924 26 M L A (Central), (1935 48), Minister of Finance and Information U P, 1947 48 Leader, U P Kisan Mazdoor Praja Party General Secy, All India Kisan Congress and Rural Peoples Federation Editor *Prabha*, Monthly Magazine, *Pratap* and *Sainik*, Daily and Weekly Leader and Pres, Peoples Congress, U P, member, Legislative Council, U P *Publications Seva Marg, Amarpuri Seva Dharm and Seva Marg Hamara Swad Janta Sangram Kisan Raj ka Panchvarshiya Programme Marxvad or Gandhivad* Hindi 3 Vijya Nagar Colony, Agra

PALIWAL, Pandit Tika Ram, B A LL B, Minister for Finance Public Works, Irrigation, Community Projects, Law and Judicial *Rajasthan b* 1909, *m* in 1936, one *s* and two *d* *Educ* Village School at Mandawar, Jaipur State Alwar State, National Commercial High School Delhi Took active part in the Salt Satyagrah was Editor, *Congress Bulletin* in Hindi, set up practice at Hindaun, joined the Satyagrah movement under the late Seth Jamnalal Bajaj was in succession the Joint Secy, Secy, Vice Pres and Pres, Jaipur Rajya Praja Mandal took particular care to make a study of the Kisans, was Revenue Minister, the first popular Govt, Jaipur State, was member, executive of the Rajputana Provincial Congress Cttee, became General Secy when the Rajputana States were integrated was Revenue Minister in the Vyas Ministry, was the moving spirit behind the Rajasthan Land Reforms and Resumption of Jagirs Act which received the President s assent recently prohibited unlawful ejectment of the tenants made basic improvements in the Court of Wards Acts and sanctioned a scheme of summary settlement first elected Chief Minister of Rajasthan, March 1952, courted jail several times in Freedom movement *Address* Jaipur Rajasthan

PANANDIKAR, Satyashraya Gopal, M A (Bombay), Ph D (Econ, London), D Sc (Econ, London), Secretary, Indian Banks' Association, Bombay, Retd Principal and Prof of Commerce, Sydenham College, Bombay *b* July 18 1894, *m* Indira, *d* of S A Sabnis, Solicitor, High Court, Bombay, *Educ* Elphinstone College, Bombay and School of Economics, Univ of London Some time Professor of Political Economy, University of Dacca (1921-23) *Publications Economic Consequences of the War for India, Wealth and Welfare of the Bengal-Delta, Economic Development of the Great Powers and India, Banking in India, Industrial Labour in India Address* Gandhi House, Sandhurst Bridge, Bombay

PANCHAMUKHI, Vidyaratna R S, M A (Bom) Vidyaratna (1948), Director of Kannada Research, Dharwar Bombay, since 1939 *b* May 4, 1898 *s* of late Swamirayacharya Panchamukhi, Landlord, Kurvinkop Dharwar *m*, three *s* and five *d* *Educ* B A (High II class Hons) in Sanskrit, 1923, M A (High II class) in Sanskrit, 1925, R B Deepad Sanskrit Gold Medal Dakshina Fellow, Karnatak Coll, Dharwar, 1923 25 entered the Archeological Dept after M A and worked there in Epigraphy, 1925 39, awarded the title of Vidyaratna by the All India Dharma Maha-Mandala Benares *Publications* ral books and papers on Inscriptions Coins, Iconography, History, Archæology, Museum and Kannada Literature *Address* Dharwar

PANDE, Lt -Commd Shukdev, M Sc, Secretary and Rector, Birla Education Trust Ex Vice-Pres, Jaipur State Council, Dt Commissr, Boy Scouts Assocn *b* April 13, 1893, *m* on December 3, 1916, three *s*, *Educ* M Sc, *Muir Central College Allahabad* Appointed Asstt Prof of Mathematics, Benares Hindu Univ, 1918 did research work under Dr Ganesh Prasad and published a few papers, took commission in I T F organised collection work for the Univ, deputed by Pandit Madan Mohan Malviya to Pilani as Principal Birla Intermediate Coll, and as Hon Secy, Birla Education Trust, 1929, now Kulpati, Birla Vidya Bihar, was appointed Hon Principal, Technical Training Centre and later of H M I S Pilani which trained Artificers of the R I N, was conferred the honorary rank of Lieut Commander, elected Vice Pres, Montessori Assoc International travelled extensively in Europe to study modern trends in education *Publications* Some books in Hindi on Mathematics for High School and College students, a glossary of Mathematical terms including Astronomy in Hindi *Address* Pilani (Jaipur)

PANDIT, Anand Dattatraya, B Sc (Alld) I C S Chief Commissioner Delhi *b* April 1, 1909 *s* of Dattatraya Vinayak Pandit *m* Miss Leela Rawat, M B B S, one *s* and one *d* Wife Chief Commissioner Ajmer *Address* Chief Commissioner Delhi

PANDIT, Keshav Gopal, B A (Hons), Ellis Scholar, M A, M I C, Principal & Senior Prof of English Willingdon College Sangli *b* January 1904 *s* of Gopal Balwant Pandit *m* Sau Vijaya Kumari, *d* of Gajanan Bhaskar Vaidya, four *s* *Educ* Wilson College Life Member, D E Society, Head of Dept of English, Fergusson College, Poona (1929 44), Superintendent, Model & Experimental Primary School, Navin Marathi Shala (1932 44), Fellow, Univ of Bombay and Member, Board of Studies in English Literature, Bombay Prov School Book Cttee (1943-46), Recognized Univ Post Graduate Teacher, member of the Court, Academic Council Executive Council and Chairman Board of Studies in English Univ of Poona member Bombay Legislative Council Member Commonwealth Parliamentary Assoc *Publications Why English? Introduction to Chaucer Introduction to Shakespeare What is Wrong with Secondary Education* Plays and Poems in Marathi and other educational books *Address* Willingdon College Sangli



PANDIT, Srimati Vijaya Lakshmi, President U N General Assembly Ex Ambassador of India in U S A *b* 18th August 1900, *m* Ranjit Sitaram Pandit, Bar at-Law (Classicist and Historian) 9th May, 1921, 3 *d* *Educ* Privately by tutors and governesses Elected Chairman, Education Cttee Allahabad Municipal Board, 1935, elected to U P Assembly, 1937, appointed Minister of Local Self Government and Public Health in U P Congress Government, Pres, All India Women s Conference 1940-42 Vice Pres Women's International League for Peace and Freedom, attended Pacific Relations Conference at Hot Springs, Virginia, U S A, as leader of Indian delegation appointed by the Indian Council of World Affairs, toured extensively in U S A, was present in San Francisco at the time of the United Nations Conference and presented India s case in an unofficial capacity to the world as spokesman for the

India League of America and the National Committee for India s Freedom, Leader of the Indian delegation to the U N O, 1947 and 1948 Peace Conference, imprisoned three times in connection with Congress Civil Disobedience Movements—15 months 6 months and 11 months respectively, returned unopposed to U P Assembly from the old constituency, appointed Minister for second time by Congress Government holding portfolios of Local Self Government and Public Health, Indian Ambassador in U S S R, 1947 49, Ambassador in U S A, 1949 52 *Address* Allahabad 2 York Place New Delhi

PANDURANGIAH, Vummidi, Partner Vummidi Ramiah Chetty Guruswamy Chetty & Co, Jewellers and Diamond Merchants Madras Managing Director of Vummidiars (Mfrs) Ltd Stainless Steel Fabricators, Madras *b* 1908 *s* of Vummidi Guruswamy Chetty, *m* Smt V Sreerangamma four *s* and three *d* *Educ* Presidency Coll, Madras Pres Madras Jewellers and Diamond Merchants Assoc Madras Southern India Chamber of Commerce Madras (1947 48), Director New Guardian of India Life Assurance Co Ltd was a Delegate to the International Chamber of Commerce Paris 1948 visited Germany and other countries in Europe as Delegate Govt of India Trade Delegation for Germany 1948 *Recreations* Billiards Tennis *Club* Cosmopolitan Club Madras *Address* *Residence* 5 Dr Nair Road I Nagar Madras 17 *Office* 25 N S C Bose Road Madras 1



PANDYA, Gangashanker Baldevshanker, B A (Hons) (London), M A (Allahabad) Dean Faculty of Arts and Head of Dept of History Baroda Univ since July 1950 *b* August 24, 1915, *s* of Pandit Baldevshanker Pandya of Hatta, Dist Sagar (Madhya Pradesh) and Manekbai *m* Prabhavati, *d* of G V Trivedi M B E, P E S of Chhindwara (Madhya Pradesh), one *s* and one *d* *Educ* The Theosophical National School Benaras Benaras Hindu Univ, The Univ of Allahabad, London Univ Professor of History, M T B College Surat 1940 42 Professor of Administration and Geography, College of Commerce, Baroda 1942 49 First Registrar Maharaja Sayajirao Univ of Baroda, May 1949 to July 1950 *Publications* 2 books on Indian Administration and Politics, sundry articles on Politics and History in periodicals *Recreations* Hiking, Mountaineering Hockey Table Tennis *Address* Adhyapak Niwas Pratap Ganj Baroda

PANIGRAHI, Mr Justice Lingaraj, B A B L, Chief Justice High Court Cuttack, since 1948 *b* March 21, 1896, *s* of Gopinath Panigrahi, *m* Smt Swarnamayi, three *s* and two *d* *Educ* Madras Presidency College Practised at Berhampur (Ganjam), was a Public Prosecutor for two terms, Advocate General, 1945 48, attended the Round Table Conference and gave evidence before the Joint Parliamentary Cttee, 1934, one of the prominent leaders responsible for creation of the Orissa Province, a forceful speaker and a writer *Publications* Contributor to periodicals *Recreation* Tennis *Club* Cuttack Club *Address* Kconjhar House, Tulsipur Cuttack

PANIKKAR, Kavalam Madhava, Member States Reorganization Commission *b* June 3, 1895, *Educ* Madras & Oxford, Scholar of Christ Church, Barrister at Law (Middle Temple) Professor, Aligarh Muslim University, Editor, *The Hindustan Times*, Secretary to the Chancellor Chamber of Princes, Foreign Minister, Patiala, Foreign & Political Minister Bikaner, Prime Minister Vice President of State Council and Foreign & Political Minister and Minister for Education & Health, Bikaner State (1944), Secretary, Indian States Delegation to the Round Table Conference, official witness on behalf of the States before Joint Select Committee, Indian States Representative to the Pacific Relations Conference, Canada, 1942 and Commonwealth Relations Conference, 1945 member of Indian Delegation to United Nations General Assembly Session, 1947, Vice President, Royal India Society, London Ambassador in China, 1948 52 Ambassador in Egypt Sept 1952 -Dec 1953 *Publications Indian States and Government of India, Interstatal Law, Portuguese in Malabar, Dutch in Malabar, Caste and Democracy Hinduism and the Modern World, Kingship in India, Education Reconstruction, India and the Indian Ocean, Future of South East Asia, The Basis of Indo British Treaty Survey of Indian History etc*, has also contributed to *The Times, The Manchester Guardian, News Chronicle, Contemporary Review, etc* and published novels, dramas and poems in Malayalam *Address* Ministry of Home affairs New Delhi

PANJA, Jadabendranath, M A in Pure Mathematics (Cal), B L (Cal), Minister for Cottage and Small scale Industries, State of West Bengal *b* July 1886, *s* of Nrisingha murari Panja B A *m*, two *d*, *Educ* Burdwan Raj College, Ripon (now Surendra nath) College, Scottish Churches College, Calcutta Read Congress literature from early boyhood, joined non co operation movement after the Special Congress Session at Calcutta, 1920, suffered imprisonment for 2½ years, 1932 34 and for 6 months in 1942 *Recreations* Literature on religion, philosophy and economics *Address* 8 C, Ramanath Majumdar Street Calcutta 9

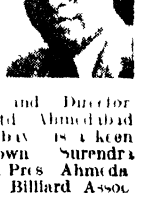
PANT, Apasaheb Balasaheb, B A (Bombay), M A (Oxon) Bar at Law Jt Secy External Affairs Ministry Govt of India since Feb 1954 *b* Sept 12 1912 of the family of the Pratinidhis of Aundh *m* Naini Devi Dravid, M B B S, F R C S, one *s*, Aniket Kumar and one *d* Aditidevi *Educ* Deccan College, Poona Oxford (B N C), Lincoln s Inn Started work in the Aundh State under his father Shrimant Bhawanrao Pratinidhi Rajasaheb of Aundh, worked as Education Minister prepared a draft Constitution for the Aundh State with the consent of Mahatma Gandhi when his father granted Responsible Govt to his subjects, 1939, first elected Prime Minister, Aundh State, for six years was Minister for four years till the State was merged into Bombay State, March 1948 member, A I C C 1948 represented Govt of India at the U N O as an alternate delegate 1951 and 1952 Commissioner for the Govt of India in British East Africa July 1948 Feb 1954 apptd Consul General for Belgian Congo & Ruanda Urundi Nov 1950 & Commissioner for Central Africa and Nyasaland Dec 1950 *Address* Amrai Camp Deccan Gymkhana Poona 4 External Affairs Ministry New Delhi

PANT, Pandit Govind Ballabh, B A, L L B L L D (Allahabad, Banaras and Lucknow), Chief Minister, General Administration Planning and Co operation Uttar Pradesh since April 1 1946 *b* Sept 10 1887 in Almora District *Educ* Almora, Muir Central College Allahabad School of Law Allahabad Univ Enrolled Advocate, Allahabad High Court 1909 joined the Bar at Naini Tal took active part in politics, started Kumaon Parishad in 1916 to study local problems and redress grievances gave evidence before the Southborough Cttee and succeeded in bringing the Kumaon districts under the Southborough Committee and the Montford Reforms elected member A I C C 1916, U P Leg Council, 1923, on Swaraj Party ticket, Leader, Swaraj Party, U P Council, for 7 years, elected Pres, U P C C, 1927 and presided at Aligarh Session, took prominent part in anti-Simon Commission agitation twice imprisoned for C D 1930 32, appointed Chairman, U P Agrarian Cttee by the U P C C, submitted Pant Report, 1931 Member Congress Working Cttee since 1931, Genl Secy All India Parliamentary Board 1934, elected M L A (Central), 1934 and was Deputy Leader of the Congress Party, elected Leader of the Congress Party in U P Assembly 1937 and Premier 1937 39 resigned on War issue offered Satyagraha Nov 1940 and was jailed for one year arrested and kept in detention in Ahmednagar Fort August 9 1942 March 31, 1945, attended Simla Conference, June 1945, and carried on negotiations with Jinnah, member, Central Parliamentary Board and Chairman, U P Parliamentary Board, re elected to U P Legislative Assembly and Leader of Congress Party in the U P Assembly elected member, Constituent Assembly and member of several Committees and Sub Committees of the Constituent Assembly *Address* Chief Minister Uttar Pradesh Lucknow



PARANJPYE, Dr Sir Raghunath Purushottam, M A (Cantab), B Sc (Bombay), D Sc (Calcutta) *b* Murdi, 16th Feb 1876, *Educ* Maratha H S, Bombay Fergusson Coll, Poona, St John s Coll, Cambridge (Fell), 1901-07, and Hon Fellow 1945, Paris and Göttingen, Govt of India Scholar, bracketed Senior Wrangler at Cambridge, 1899 Principal and Prof of Math, Fergusson Coll, Poona, 1902 24 Hon Associate of the Rationalist Press Association, has taken prominent part in all social, political and educational movements in Bombay State, Vice Chancellor of Indian Women s Univ, 1916 20, Bombay Leg Council, 1913 23, 1927, awarded the Kaisar i Hind Gold Medal in 1916, Knighted, 1942, Minister, Bombay Government 1921 23 1927, member, Reforms Inquiry Committee, 1924, Auxiliary and Territorial Forces Committee, 1924 Indian Taxation Inquiry Committee, 1924 25, member India Council 1927 32, Vice Chancellor, Lucknow University 1932 38, President of the National Liberal Federation, 1924, 1939, High Commissioner for India in Australia, 1944-47 *Publications Gokhale, Karve, The Crux of the Indian Problem Rationalism in Indian Address* Poona 4

PAREKH, Surendra Mangaldas, Mill Agent *b* March 8 1913 s of late Sheth Mangaldas Girdhardas Parekh engaged in textile industry at Ahmedabad *m* Smt Pratima *d* of Chandrakant Mashruwalla two *s* and two *d*, *Educ* Ahmedabad After studies joined his brothers in the management of the Mangaldas Group of Mills and other business concerns of the family Permanent Dir Managing Agency Co of Aryodaya Ginning & Mfg Co Ltd Ahmedabad and Victoria Mills Ltd, Bombay Partner Managing Agency and Director Aryodaya Spg & Wvg Co Ltd Ahmedabad and Victoria Mills Ltd Bombay is a keen sportsman maintains his own Surendra Cricket and Tennis Club ex Pres Ahmedabad Tennis Badminton and Billiard Assoc and Rifle Assoc ex Vice Pres Ahmedabad Cricket Assoc is Pres, Camera Pictorialists of Ahmedabad widely travelled in Europe and United States *Recreations* Sports Riding Driving Gardening Photography Swimming *Clubs* Cricket Club of India, Bombay Presidency Radio Club W I A A Club Bombay Orient Club Shahibag Club and Ahmedabad Gymkhana Ahmedabad *Address* Mangal Bag Ellis Bridge Ahmedabad



PARIKH, Chandulal Pitamberdas, B A, LL B M P Merchant *b* Jan 22 1894 three s and one *d*, *Educ* St Xaviers Coll, Bombay Member Indian



Central Cotton Ctee, 1936 41 Cloth Control Production Ctee, since 1948, Representative of the Ahmedabad Millowners Assoc in Bombay Assembly 1946 51 member, Textile Control Ctee since 1950 Pres Ahmedabad Millowners Assoc 1950 51, 1952 53, Member Advisory Council of Industries 1952 Member Council of States 1952 *Clubs* W I I C Ltd Willingdon Sports Club Ltd Cricket Club of India Ltd 40 C Ridge Road Malabar Hill

PARIKH, Chunilal Narandas, Branch Secretary, The Manufacturers Life Insurance Co of Canada Bombay *b* Feb 28, 1903 at Bhavnagar *s* of late Narandas Bhikhabhai Parikh Retired Postmaster Bhavnagar B S and late Smt Narmadabai, *m* Smt Taralaxmi May 5, 1922 three *s* and four *d* *Educ* Samaldas Coll Bhavnagar Sydenham Coll of Commerce & Economics Bombay Joined the staff of M Kanji & Co, former General Agents in Bombay of the Manufacturers Life Insurance Co of Canada, May 1921, Head of Life Insurance Dept M Kanji & Co member of Ind since the Compan in Bombay in 193, appointed Branch Secy Jan 1 1947 is keenly interested in the affairs of his community, member Managing Council of the Jain Education Society, Bombay, Managing Ctee of the Assoc of his community *Address Office* 123, Mahatma Gandhi Road, Fort Bombay *Residence* 113 Gaiwadi Swadeshi Market Building, Room No 210, 3rd floor Bombay 2



PARIKH, Hiralal Maganlal, Merchant and Quarrist *b* March 20 1910, at Nadiad *s* of Maganlal Sankalchand Parikh Railway Contractor Western Rly Started career as an independent Quarry Owner in Kotah State presented a scheme to Kotah Govt for working quarries on an economical basis which was subsequently executed resulting in the formation of the Associated Industries (Kotah) Ltd Ramganj Mandi Promoter and Director in Charge, Associated Stone Industries (Kotah) Ltd Ramganj Mandi Director in Charge, Rajputana Mining Agencies Ltd, Ramganj Mandi Director Western India Industrial Agencies Ltd, Bombay Great Investment Trust Ltd Bombay Luptl Valley Paper Mills Ltd Bombay *Address* Ramganj Mandi (Rajasthan), Western Rly



PARIKH, Jayantilal Lallubhai, J P and Hon Presidency Magistrate Merchant and Landlord, Managing Director, Jostle Trading Corporation, Ltd *b* November 7 1914, *s* of late Lallubhai Premanand Parikh, Income-Tax Officer, Bombay *m* Sarladevi *d* of Dr S V Shah B Sc, Ph D (Berlin), Ex Principal, Dharmendra singhji College Rajkot, three *d*, *Educ* Bharda New High School, Bombay and Xavier's College of Commerce Bombay Established the Jostle Trading Corporation as a proprietary firm, 1939, converted it into a private limited firm 1947 established the Jain Sahakari Bank Limited (Co operative Bank), 1946, was Assistant Managing Director of the Bank became Managing Director, 1948, visited England, 1946 stayed there for 4 months and developed the electrical trade in which the firm was taking interest since 1939, Committee Member The Electric Merchants Assoc, Bombay since 1940, was twice Secretary, 1943 and 1947, was President, 1948, member Indian Merchants Chamber Bombay Bombay Chamber of Commerce, Bombay General Secretary The Bombay Digamber Jain Prantik Sabha Hirabaug Bombay (Provincial Organisation of the Digamber Jain Caste) since 1944, Managing Committee Member of various charitable trusts such as Hirachand Gumanji Jain Boarding School, Tardeo Hirachand Gumanji Dharmashala, Hirabaug, C P Tank, Sheth Manekchand Hirachand Jubilee Baug Trust, Ratanben and Ruksh maniben Panachand Sravik Ashram (Ladies Hostel) Tardeo *Recreations* Riding, Tennis and Indoor games *Clubs* Life Member, The Cricket Club of India, Ltd, W I A A Club House, Ltd P J Hindu Gymkhana, The Bombay Amateurs' Riding Club, Member Bombay Presidency Radio Club, Ltd, Shree Krishna Merchants Club, Aryan Lodge (Masonic) *Address Office* The Jostle Trading Corporation, Ltd, Maskati Mahal Lohar Chawl, Bombay 2 *Residence* 1st Floor Madhavani Building, Sandhurst Bridge, Chowpatty, Bombay 7

PARIKH, Rasiklal Umedchand, B Com (Bombay), B Com (London) Home & Communications Minister, Saurashtra *b* May 18, 1910 *s* of Umedchand Nanchand Parikh of Limbdi and of Surajben *m* Sharda *d* of Capt V J Doshi of Bhavnagar two *s* and two *d*, *Educ* Jaswantsinhji High School Limbdi Fergusson College, Poona Sydenham College of Commerce & Economics Bombay London School of Economics, London Courted imprisonment three in 1930 1933 and 1942 was Sec Kathiawar Political Conference Constituent Assembly of India 1948 elected Member House of the People Feb 1952 resigned and elected to Saurashtra Legislative Assembly Minister Home Services, P W D Medical and Health Information, Printing Press and Stationery and Communications Deptt at various periods 1947 House Rajkot

PARMAR, Shamji Vanmali, I Sc (Hons) Business man and Manufacturers Representative Proprietor Modern Trading Corporation *b* May 23 1908 at Bhavnagar *m* Smt Manchha three *d* *Educ* Bhavnagar Ahmedabad, Baroda Bombay Poona Calcutta was Sir Jaswantsinhji Scholar at Samaldas Coll Bhavnagar started business at Bhavnagar dealing in Radios, Refrigerators, Electrical Goods Chemicals etc with Agencies for Saurashtra territory 1930 was some time in Charge Bhavnagar Port Wireless Station was Chief Excise Inspector Bhavnagar State settled at Bombay doing business in Chemicals etc Jan 1943 Tours extensively on business visiting England France Switzerland Canada and U S A April 1946 April 1947 has been influenced by the writing of the American author Dr Napoleon Hill *Recreations* Books on Psychology Personal Success Biography *Address Office* 79 Medows Street Bombay 1 *Residence* Palija Mansion Pant Road Dadar, Bombay 14



PARMAR, Dr Yashwant Singh, Chief Minister Himachal Pradesh *Educ* Forman Christian Coll took Ph D Degree in 1977 s Resigned and exiled from the State during political unrest entered politics, 1947 elected Pres Hill States Regional Council All India Peoples Conference, organised Satyagraha in Suket State resulting in the integration of 24 States into Himachal Pradesh, was member A I C C Chief Commissioners Advisory Council Himachal Pradesh Indian Constituent Assembly Pres, H P C C, 1948 50 Leader, Indian Parliamentary Delegation to the Inter Parliamentary Conference at Istanbul Turkey, 1951 elected M I A Himachal Pradesh from Pachha constituency in the general elections *Address* Simla

PATANKAR, Dr Vasant Sitaram, M Sc, Ph D Principal, Siddharth College, Bombay *b* April 21, 1907, *s* of S G Patankar, Deputy Collector, Bombay *m* Mrs Putalabai Patankar, one *s* and one *d* *Educ* Royal Institute of Science Bombay Worked on the Physics Staff of the Khalsa College Bombay, Baroda College Baroda and Royal Institute of Science Bombay Member Bombay Univ Reorganisation Ctee (1950) *Publications* Many research publications in Indian and foreign journals *Address* Kharkar House Hindu Colony Bombay 14

PATASKAR, Hari Vinayak, B A LL B (Bombay) M P Advocate *b* May 15 189 *s* of Vinayak Vaman Pataskar, Civil Judge Bombay State and Smt Saraswatibai Vinayak Pataskar, *m* Smt Annapurnabai Hari Pataskar, one *d* Venu Pataskar, *Educ* Fergusson College Poona Govt Law Coll, Bombay Enrolled as an Advocate, Bombay High Court and set up practice in Khandesh 1917 Congressman since 1920 member, A I C C 1929 entered Bombay Leg Council 1927 resigned as a protest against the incarceration of Gandhiji 1930 elected M I A Bombay 1937 elected again 1946 member Constituent Assembly of India 1947 returned to the House of the People, 1952 Jailed for taking part in the freedom movement 1942 was elected Pres Borough Municipality Chalisgaon continuously and unanimously for 15 years Chairman Education Committee Chalisgaon 1922 has been prominently in all national and civic activities of Mahatma since 1922 Chairman Local Ctee Blind Relief Association Chalisgaon *Address* Chalisgaon, Dist East Khandesh 11 Electric Lane Curzon Road New Delhi



PATEL, Babubhai Jashbhai, B A LL B Dy Minister Public Works and Transport Bombay *b* Feb 9 1911 *s* of Jashbhai Makandas Patel Nadiad Dt Kaira *m* Smt Lalavati two *s* *Educ* Govt High School Nadiad Baroda, Fergusson, Wilson, St Xaviers and Govt Law Colleges, Bombay Joined Congress movement 1930 was Parliamentary Secretary to Chief Minister *Address* Anand Kutir, Nadiad Dt Kaira *Residence* A 6, Foreshore Road Govt Bungalow, Back Bay Reclamation Fort, Bombay *Office* Secretariat Bombay 1

PATEL, Baburao, Critic Author Journalist Film Producer Director Editor *Filmindia* Managing Director Filmindia Publications April 4 1904, at Maswan, Thana Dist Bombay *s* of Pandurang V Patel, Advocate Bombay High Court took up free lance journalism as a career, 1922, wrote directed and produced [illegible]





critic of art since and runs started *Filmindia* a popular magazine in India [illegible] agitated against by British and

Hollywood producers carried the campaign successfully to Europe and Hollywood in 1939 and obtained guarantees from foreign producers to stop films slandering India lectured in Europe and United States on India's ancient culture and civilization, launched another campaign against indigenous crime and anti social pictures, set up a production code and compelled revision of film censorship recognized as one of India's foremost critics of art, stage, films and politics, visited America again for sociological study and survey, 1948 *Hobbies* Music, Gardening and Travelling *Publications Grey Dust* wrote and produced the following films *Kismet Mahananda, Bala Joban My Darling, Maharanee Draupadi* and *Gvalan* wrote numerous articles for several Indian and Overseas periodicals *Address* Girnar, Pali Hill, Bombay 20

PATEL, Bhagwat Prasad R, M A, A I A, I C S, Dir Gen Shipping *Educ* Proprietary High School Ahmedabad and Gujarat College and Baroda College, M A, 1933 passed I C S Examination 1935 Became Associate of the Institute of Actuaries, London, 1936 Joined I C S, 1936, took service in Sind served as Asstt Collector, Asstt Revenue Officer, Barrage Collector, Dy Secy and Secy Food & Civil Supplies Department Govt of India Ministry of Food, April 1947 to Aug 1948 was Chairman, Capital Selection Cttee for Saurashtra and Rajasthan Chief Secy, PEPSU, Aug 1948—March 1950 Chief Secretary, Saurashtra March 1950 May 1954 *Address* Bombay

PATEL, Chhotabhai Shankerbhai,* J P Millowner and Industrialist *b* Oct 5 1889 at Sunav Kana Dist, *m* two *s* and three *d* Joined as clerk in Customs Dept East Africa 1909, started own cotton business in Uganda, 1913 returned to India, 1930 Chairman Bombay State Road and Transport Corporation Chhotabhai Patel & Co Ltd Managing Agents of Asarwa Mills Ltd Nos 1 and 2 Ama Ltd Pure Products & Madhu Canning Ltd New Era Armoury Ltd, Geigy Insecticides Ltd and New Indian Textile Products Ltd Director Swastik Oil Mills Ltd Alco Insurance Co Ltd Aluminium Hindustan Ltd New Great Insurance Co of India Ltd Oxy Chloride Flooring Products Ltd etc Ex Chairman Chemical Industries Sub Cttee (Bombay Govt) Oil and Vegetable Mfg Sub Cttee (Central Govt) Association of Indian Industries (1942) Ex member former B B & C I Railway Local Advisory Cttee, Indian Oil Seeds Cttee, Food Standards Cttee Bombay Leg Assembly, Public Accounts Cttee of Bombay Govt, etc, Pres, Rotary Club of Bombay (1950), Vice Chairman, Vanaspati Manufacturers Assoc of India, Chairman, Bombay Oilseed Crushers Assoc, member Cttee of Indian Merchants Chamber, Regional Transport Authority Bombay Labour Advisory Board Electric Standing Advisory Cttee State Advisory Council of Industries Was appointed J P and Hon Presidency Magistrate 1948 *Clubs* Willingdon Sports Club Cricket Club of India Bombay Presidency Radio Club, Royal Western India Turf Club and Rotary Club of Bombay *Address Office* Kodak House Hornby Road Bombay 1 *Residence* Malabar Court Rd Bombay



PATEL, Dahyabhai Vallabhbhai [illegible] 1905, *s* of late Sardar Vallabhbhai Patel, *m* Bhanumati sister of Pashabhai Patel Baroda two *s* *Educ* Bombay and later at the Gujarat Vidya Pith Ahmedabad Joined Oriental Govt Security Life Assurance Co as an Apprentice 1927 Inspector 1929 Superintendent of Agents 1938 Dy Agency Manager 1946 Agency Manager 1947 and 1948 elected Policyholders' Director 1948 elected Chairman 1949 re elected Chairman 1950 re elected Chairman 1951 re elected Chairman 1952 re elected Chairman 1953 re elected Chairman 1954 re elected Chairman 1955 re elected Chairman 1956 re elected Chairman 1957 re elected Chairman 1958 re elected Chairman

Painting and Photography *Recreations* Hunting Reading literature *Clubs* Rotary Club and G C F Club Jabalpur *Addresses* 376 Wright Town Jabalpur (Madhya Pradesh) or North Avenue New Delhi

PATIALA Lieutenant-General His Highness Maharajadhiraj Sir Yadavindra Singh Mahendra Bahadur, G C I E (1945), G B E (1941) L L D (1939), Raj pramukh, Patiala and East Punjab States Union, and Maharaja of *b* January 7 1913 *s* of His late Highness Maharajadhiraj Bhupendra Singhji, *m* The Princess of Seraikella, two *s* and two *d*, *Educ* Aitchison College, Lahore *Recreations* Practically all games, particularly Cricket, Tennis Horticulture *Club* Raj indra Gymkhana Club, Patiala *Address* Motibagh Palace, Patiala (in Winter) Chail, Simla Hills (in Summer)



PATIL, Bhaurao Payagounda, popularly called Karmaveer Patil, Social worker in educational field, founder Rayat Shikshan Sanstha, Satara *b* 1887, at Aitavade Bk Satara Dist, *el s* of Paya gounda Devagounda Patil Chaturtha Jain *m* Laxmi bai Patil (deceased) of Kumbhoj, Kolhapur Dist, one *s* and one *d* *Educ* Rajaram High School Kolhapur Started career as Insurance agent joined Kirloskar Bros Iron Works and Ogale Glass Works as Sales Organiser took a prominent part in starting Cooper Engineering Ltd, worked hard to promote education among masses founded 'Shikshan Prasarak Mandal at Dudhagaon, 1909 started boardings for children at Kale and Nerle founded Rayat Shikshan Sanstha' (Education Society for Peasants), Kale, 1919, shifted to Satara in 1924 with a modest start ing of a boarding house which was later (1927) named as Chathrapati Shahu Boarding House at the hands of Mahatma Gandhi, the Sanstha with State and public support canvasses educates 30 000 students and runs (in both Satara Districts) 441 Primary Schools 13 full grade Schools and 30 A V Schools 11 cosmopolitan boardings, 4 Primary Training Colleges (1 for women) and an Arts College teaching upto B A at Satara the guiding principles in all these institutions being manual labour simplicity of life, self help and abolition of castes and creeds, the yearly budget (1953 54) is 15 lakhs of rupees Presented with a purse of over one lakh of rupees by the Satara Dist Students Congress in appreciation of his selfless services in the educational and social spheres, 1948 which he donated to the Rayat Shikshan Sanstha, runs an education fund the Late Laxmibai Patil Memorial Education Fund in memory of his wife out of which loan scholarships to the extent of Rs 10 000 are annually awarded to the poor and deserving students taking secondary and higher education member Extra Mural Board appointed by the new Poona Univ, Trustee D C Mission Society of India member Advisory Board of Shree Gadge Maharaj Seva Sangh *Address* Rayat Shikshan Sanstha Satara



PATIL, Kallanagouda Fakiragouda, B A (Bombay) Deputy Minister for Agriculture and Forest Deptts, Govt of Bombay since 1952 *b* April 3, 1905, *s* of Fakiragouda & Basamma Patil of village Kakol, Dist Dharwar, *m* Puttamma Herur, two *s* and four *d*, *Educ* Primary education at Kakol and Motebennur, Secondary education at Bvadgi and Hubli Karnatak Coll Dharwar & Rajaram Coll, Kolhapur, graduated, 1931 Headmaster D S M School Haunsbhavi, 1932, arrested and convicted for 6 months R I worked as Secretary, Karnatak Pro vincial Harijan Sevak Sangh, 1934, Harijan Balikashram Hubli 1933 35 member, D L B, Dharwar 1936 43, Chairman, Dist School Board Dharwar, 1939 43, Pres, Byadgi Municipality, 1940 43, in Jail (Yeravda & Hindalaga), March 1943-Dec 1945, elected as M L A from Dharwar South Rural General Constituency, 1946 Founder, *Vishalkarnatak*, Kannada Daily, Hubli Parliamentary Secy to Home & Revenue Minister Bombay 1946 52 elected M L A (Bombay) from Ranebennur Consti tuency, 1952 *Publications Philosophy of Village Movement*, *Removal of Untouchability*, *Subhaschandra Bose* (1938) *Satyagraha* (1938), *Our Land Tenure Problem* (1948), *Consolida tion of small Holdings* (1949), *Muhammad Paigamber the Divine Light of Islam* (1949), etc all in Kannada *Address* Bungalow No 3 Foreshore Road, Bombay 1

PATIL, Laxmanrao Madharao, B A L L B Ex Minister (Excise and Reconstruction) Government of Bombay *b* 16th June 1907, at the village of Gahu, Taluka Rahuri, District Ahmednagar *m* Urmilabai, *d* of Col R S Chavan Baroda *Educ* Sangamner High School Deccan College Poona, Kolhapur Law College Participated in the C D Movement in 1932 and sentenced to two years R I, practised at Ahmednagar, presided over a number of political conferences, President of the District Congress Committee, Ahmednagar, edited local Congress papers *Sangha Shakti* and *Janseva* for one year before accepting office under the new Constitution offered Satyagraha in 1940 and was sentenced to one year s rigorous imprisonment detained as political prisoner for 21 months under De fence of India Rules on 10th August, 1942 Vice Pres Local Self Govt Institute Bombay since 1937 again elected to the Bombay Legislative Assembly 1952 *Address* Cathedral Church Road Bombay

PATIL, Malagouda Punagouda, B A L L B Minister for Local Self Govt and Co-operation, Bombay *b* February 4, 1901 *m* Mrs Laxmibai Patil, *Educ* Rajaram Coll Kolhapur, Fergusson Coll, Poona, Govt Law Coll, Bombay Began practice at Hukeri in Belgaum 1924, Hon Organiser of the Co-operative Societies in Hukeri, Pres, Taluka Local Board and member, District Local Board, joined the I T F in 1926 and was promoted Lieut resigned, 1930 and joined the Satyagraha Movement, took active part in Satyagraha Movement in 1930 and courted imprisonment, organised Karnatak Provincial Political Conference in 1931 of which he was the Reception Committee Chairman, elected to the A I C C arrested and detained 1932, after release again convicted for 3 years, released by the end of 1934, elected M L A, Bombay, from Belgaum North General Consti tuency, 1936, was Parliamentary Secy to the Revenue, Agriculture and Rural Develop ment Departments courted imprisonment for one year during individual C D Movement, jailed for more than a year in 1942 movement, elected Pres of the K P C C, 1945, Minister for Agriculture and Forests again returned to the Bombay Leg Assembly from his former constituency *Address* Secretariat, Bombay

PATIL, Ramrao Krishnarao, B Sc, L L B Ex Minister Planning and Development Madhya Pradesh *b* Dec 13 1907 *m* Subhadrabai *d* of Ganpatrao Hublikar *Educ* Morris College Nagpur Hindu University, Benares Law College Nagpur, competed and passed the I C S examination in England 1930 called to the Bar 1931 Served as Asstt Commissioner and Deputy Commissioner in different districts of the province, resigned from the I C S, 1943, Secretary of the Kasturba and Gandhi Memorial Funds for the Marathi districts of Madhya Pradesh, Minister for Food and Agriculture Madhya Pradesh, Food Commis sioner Govt of India Member National Planning Commission 111 Civil Lines Nagpur

PATIL, S K, M P President, Bombay P C C since 1946 *b* Aug 14 1900 in Sawantwadi State *Educ* St Xaviers Coll Bombay and London Univ Joined non co operation move ment, 1920 and conducted National Schools till 1924 studied journalism at the London School of Econo mics and London Univ Coll Took part in C D movements and was sentenced 8 times member, Congress Working Ctte, Sept 1947 51 member A I C C for last 25 years, Bombay Corporation for 17 years was General Secy Bombay P C C for 17 years until he became Pres in 1946, was M L A Bombay for 10 years was member Central Board of Film Censors, Chairman Govt of India s Film Enquiry and Cantonment Ctees member C C I Central Council, N S C I W I A A, etc Pres Local Self Govt Institute Bombay State, All India Motor Unions Congress New Delhi, Marathi Grandh Sangrahalaya Bombay Founder Member Auto India Co operative Supply Secy Ltd connected with various social organisations and educational institutions in the City toured important cities of Europe America and Pacific Coast several times to study City Administration and Motion Picture industry and met important personalities had the unique honour of being elected as the Mayor of Bombay for three consecutive terms 1949 52 recently elected Fellow of the Royal Geographical Society *Address* Shanti Kutir Marine Drive Bombay 1



PATNAIK, Uma Charan, M A B L M P Advocate *b* 1902 *s* of Abhimanyu Patnaik Retd Govt Officer and Author *m* Smt Durgabati Devi, two *s* and one *d* *Educ* Ganjam Madras and Cuttack Enrolled as an Advocate Prov Scout Commr Orissa keenly interested in organising labour unions of motor workers coastal sea farers agricultural workers etc, member Orissa Leg Assembly for seven years Dist Board Pres, Ganjam, Municipal Councillor Ber hampur, etc, formerly on the State Advisory Ctte National Cadet Corps, Orissa member Central Territorial Army Advisory Ctte *Publications Volunteer Organisations*, *The Chilka Scheme*, *Aboriginals of India Plan ning for India s Manpower* articles on Defence Organisation in various Indian journals *Recreations* Gardening, Field sports Golf *Addresses* Berhampur Ganjam (Ori North Avenue New Delhi



PATTABHI RAMA RAO, S B P, B A B L Minister for Education, Industries, Excise and Prohibition, Commercial Taxes, Andhra State *b* Dec 30 1911 *Educ* Presidency Coll Madras for the Intermediate, B A in Pithapur Rajah s Coll, Kakinada, Law Coll Madras Joined the High Court as junior to Mr V I Ethiraj, practised for a few years in the Madras High Court served on the Senate of the Andhra Univ 1938 52 was on the syndicate, Andhra Univ, since 1944, ex member, Executive Ctte, Madras Provincial Co op Bank was member Local Board of the Reserve Bank of India 1947 elected M L A (undivided Madras) on Congress ticket from Pamaru Constituency, E Godavari Dist *Addresses* No 136, First Main Road, Gandhi nagar, Adyar, Madras 20, Secretariat Kurnool

PATTANI, Anantrai Prabhashanker, M A (Cantab) ex Dewan Bhavnagar State *b* 29th September 1888 *el s* of late Sir Prabhashanker Dalpatram Pattani K C I E and Lady Rama Pattani, *m* Yashomati L Vaidya, 1904 one *s* *Educ* in England at Elstree Harrow and Cambridge Joined Bhavnagar State service in 1911 Controller of State Accounts Tutor to His Highness the Minor Maharaja and brothers 1920, Huzur Secretary 1931, member State Council 1935 Dewan 1937 States Representative Constituent Assembly of India 1947 retired 1948 *Publications* Has written two small plays for students in Gujarati A Gujarati translation of Bernard Shaw's St Joan with an original Explanation of same, first fourteen chapters of H G Wells Outline of History in Gujarati with original Preface for parents and guardians and Epilogue *Address* Anant Wadi Bhavnagar



PATWARDHAN, A S, B A LL B Speaker Madhya Bharat Assembly *b* 1909 in an ancient Brahmin family in Dewas *Educ* Had a brilliant career in High School, took LL B degree (1st class) from Holkar Coll Indore 1933 Started practice at Dewas 1934, was a leading practitioner in Dewas was legal adviser to various industrial concerns and public institutions member, Dewas Rajsabha 1934 47 member, popular Executive Council first elected Speaker of Dewas Assembly Ex-Pres Dewas Congress and Dewas Municipality a prominent Congressman of Madhya Bharat, unanimously elected Speaker Madhya Bharat Assembly, 1952 Sanyojak Bharat Sewak Samaj for Madhya Bharat *Address* Kusum Kunj, Bajrangpura Dewas



PATWARDHAN, Dr Vinayak Narayan M Sc (Bom) Ph D (Lond), A I I Sc (Bangalore), Director, Nutrition Research Indian Council of Medical Research, Coonoor *b* 10th Jan 1905, *m* Miss Godavari Damle, *d* of the late Rao Bahadur P L Damle of Buldana, *Educ* Ewing Christian Coll, Allahabad, Fergusson Coll, Poona, Indian Institute of Science, Bangalore Research Asst, Biochemistry Dept of the Indian Institute of Science, Bangalore 1927 32, Grocers' Company Research Scholar Lister Institute of Preventive Medicine London 1933 34 Asst Prof of Biochemistry, Seth G S Medical Coll Bombay 1935 46, member, Nutrition Advisory Cttee, I R F A since 1939 F A O/W H O Expert Cttee on Nutrition *Publications* Papers on (1) Cheap balanced diets (2) Basal metabolism, (3) Metabolism of Calcium, phosphorus fats and proteins, (4) Vitamin action and requirements etc *Address* Director Nutrition Research I C M R, Coonoor (Nilgiris) S India

PAVRY, Dastur Dr Jal, M A Ph D Spiritual Head of the Liberal Zoroastrian Church of Europe and America Scion of a distinguished high priestly family, Orientalist and Author Received highest academic honours at Bombay Univ 1916 20 and at Columbia Univ New York 1921 25 First scholar from India to be elected a Fellow and appointed a member of Columbia Faculty awarded the University's most coveted Alumni Medal on his fiftieth birthday, 1950 Delegate to numerous international conferences for establishment of friendly relations between nations Author of several important works on history and religions of Israel and Iran delivered lectures upon aspects of Indian and Iranian civilizations at several leading Universities of Europe and America well known figure in literary and political circles of England and on the Continent has travelled all over the world and has world wide contacts, received and honoured by kings and Presidents of most of the countries in Europe and the Near and Middle East, has personal acquaintance of leaders of various nations Member of Council of various international organizations for World Peace and of several scientific and learned societies, Pres Columbia Univ Alumni Assoc of India, Hon Member *Institute Litteraire et Artistique de France* Director Indo Iranian Society Vice Pres, World Alliance for International Peace through Religion of World Fellowship of Faiths and of All Inclusive Spiritual Centre of Geneva has touched life at several points and given himself devotedly to the service of his country and larger humanity, identifying himself with various religious, educational and philanthropic movements edited *Dastur Pavry Memorial Volume* in English French and German prepared by 70 savants from 17 countries and published by Oxford Univ Press in England (1954) *Address* Malabar Hill Bombay

PENDHARKAR, Yeshwant Dinkar, Rajkavi (Poet Laureate) of Baroda (1940), Poet and Author *b* March 9 1899 at Chafal, Dist Satara *el s* of Dinkar Ganesh Pendharkar and Mrs Ambikabai Pendharkar *m* Kamalabai D A Pitre of Kolhapur, 2nd Gulab Thakur of Pehri Garwal three *s* and two *d*, *Educ* Sangli High School Served as a clerk in the Education Dept for 17 years a poet of Maharashtra Popularly known as Yeshwant, Pres, Marathi Literary Conference at Bombay, 1950, Literary Editor, Dnyanprakash *Publications* Seven Collections of Lyrics and 3 longer narrative poems of which one is Bandishala and 2 Kavyakirit A collection of essays and a novel and 4 books for children (Bal Vangmaya) *Address* 196/42, Sadashiv Peth Poona 2

PERIER, Most Rev Ferdinand, S J, Catholic Archbishop of Calcutta, since 1924 *b* Antwerp, 22nd Sept 1875 Joined Society of Jesus 1897, nominated Superior of Jesuit Mission in Bengal, 1913, consecrated Coadjutor Bishop, Dec 1921, Archbishop of Calcutta on June 23, 1924, Grand Cross Order of the Crown Grand Officer Order of Leopold Assistant at the Pontifical Throne *Address* 32 Park Street Calcutta

PEREIRA, (Jr), F X, Managing Partner I X Pereira & Sons Madras *b* Dec 3 1921 *el s* of R G Pereira at Colombo, has two children *Educ* St Joseph's Coll Bangalore Has been responsible for securing for the firm of I X Pereira & Sons a good place in foreign business as Agents of leading Textile Manufacturers of U K and as exporters of Minerals like Manganese Ore to the Continent Japan and U S A is popular in business circles is a keen sportsman *Club* Madras Riding Club *Address* 2/21 First Line Beach, Madras 1



PEREIRA, R G, Senior Partner I X Pereira & Sons Madras Indent Agents Manufacturers Representatives Exporters of Manganese Ore etc *b* May 21 1893, at Tuticorin *s* of late F X Pereira has four children *Educ* St Benedict's Coll Colombo Chairman I X Pereira & Sons Ltd Colombo Director I X Pereira & Sons (Travancore) Ltd Quilon and Tuticorin Partner Pereira & Roche Tuticorin Director Associated firm of Narottam & Pereira Ltd, Colombo has always taken a leading part in public life and given his best for social service is a large supporter of charitable and educational institutions *Address* 2/21 First Line Beach, Madras 1



PETIT, Sir Dinshaw Manockjee, 3rd Baronet *cr* 1890 *b* June 24, 1901, *s* of Sir Dinshaw Manockjee Petit 2nd Baronet, and Dinbai *m* Sylla, *d* of late R D Tata, 1928 one *s* and one *d*, *Educ* St Xavier's, Bombay, Trinity Hall, Cambridge Called to Bar, Inner Temple 1925 member Chess Club of India Bombay *Heir s* Nasserwanjee Dinshaw Petit *b* Aug 13 1934 *Address* Petit Hall Malabar Hill Bombay

PETRUS I, His Eminence the Most Rev Mar M A D Litt D D Lord Bishop of Ambur Archbishop of India Primate of all the Indies and Catholicos of the East *b* Oct 26 1903, *Educ* Voorhees College, Vellore, India, National Theological Seminary, U S A, Western Orthodox Univ, England Consecrated to the Episcopate, March 6, 1938 and appointed Ex arch of the Catholicate of the West in the Indies, and Commissary of the Order of Corporate Reunion for the East, 1948 *Address* Archbishop's Residence, Ambur

PICKETT, Jarrell Waskom M A D D, LL D, Bishop Methodist Church *b* Feb 21 1890 *s* of Rev I L Pickett and Ludie Carrington Day (Pickett), *m* Ruth Robinson, *d* of Bishop and Mrs J W Robinson one *s* and three *d* *Educ* Asbury Coll Wilmore, Ky, U S A Professor of Latin and Greek Vilonia Arkansas U S A Prof of New Testament Greek Taylor Univ Indiana, U S A, Pastor Lucknow, Dist Supdt, Arrah, Bihar Editor Indian Witness Research Secy, National Christian Council, Bishop Bombay Bishop Delhi *Publications* *Christian Mass Movement in India* *Christ's Way to India's Heart* *Recreations* Writing Preaching, Promoting Schools and Hospitals *Address* 12 Boulevard Road Delhi

PILLAI, J Shivashunmugam, M A, Speaker Madras Legislative Assembly *b* Feb 24, 1901 *s* of T Jaganathan Pillai and Shree Jayalakshmi Amal, *m* Chandra Leela, three *s* and one *d*, *Educ* Loyola College, Madras Mayor of Madras, 1937-38 *Address* Mayor Sivashunmugam Pillai Street, Nungumbakam Madras

PILLAI, Sir Narayana Raghavan, K C I E (1946) B A (Madras) 1918, B A, LL B (Cantab) 1922 C I E C B E I C S, Secretary General Ministry of External Affairs Govt of India *b* July 24 1898, *m* Edith Minnie Arthurs *Educ* Christian College Madras and Trinity Hall, Cambridge Entered I C S in 1922 and served till 1927 in Madhya Pradesh Assistant Collector of Customs 1927 Deputy Director of Commercial Intelligence 1929 Deputy Secretary to the Government of India, Commerce Department 1931 Collector of Customs, 1936 Joint Secretary to the Government of India, 1938, Addl Secretary to the Govt of India 1941 Secretary to the Govt of India, 1942 Commissioner General for Economic and Commercial Affairs in Europe Paris 1948 Secy to the Cabinet till 1952 *Address* Ministry of External Affairs New Delhi

PILLAI Dr Purushottama Padmanabha, Representative of the I L O in India *b* 1894, *m* Lakshmikutty Menon, two *s*, *Educ* Maharaja's Coll and Law Coll, Trivandrum London School of Economics

Middle Temple, London University of Geneva Member, Economic and Financial Sec of *League of Nations*, Geneva, 1924, Senior Member, Dip Div of the I L O, Geneva, 1927 28, off Rep, I L O in India and Director of its Indian Branch 1929 47, Chairman, I L O s Asiatic Mission, 1947 Vice Chairman of Council, Indian Institute of International Affairs, 1942 44 Special Adviser to the Asian Regional Conference, Nuwara Eliya (Ceylon) 1950, Minister Plenipotentiary and Charge d Affaires of India in France 1949, Permanent R sentative of Government of India to t Nations July 1947 49 Gazetted Im Ambassador to Japan July 1949 Group Chairman International Conference of Social Work, 1952 *Publications Economic Conditions in India Banaidu Lectures* 1929 *India and the I L O World Economic Changes since* 1914 18 *Labour in Small Asia Asian Labour Laws* contributions on social and economic questions *Address* Cochin b Delhi

PIZEY, Vice-Admiral Sir Charles Thomas Mark, C B (1942) D S O (1942) and Bar to D S O (1943) Commander in Chief Indian Navy since Oct 1951 *b* June 17, 1899, *s* of the late Rev C L Pizey of Mark and Huntspill Somerset and Mrs I Sandhills, Burnl Somerset *m* Lt of Alfred D Angibau (R shipman, H M S 1916 18, Lt H M S Servic Cruis Lieut to Vice Admiral Sir Howard Kelly 2nd in command Mediterranean Fleet 1929 30 Destroyer Commands Mediterranean and Home Fleets, 1930-39 Captain, D 9 commanded H M S Ausonia Atlantic convoys, 1939 40 Captain (D) ver Flotilla in H M S Campbell and, Channel and North Sea 1940 42 C B D S O and des commanded H M S Tyne and Officer to Rear Admiral Destroyers Home Fleet Russian convoys, 1942 43, Bar to D S O, Director of Operations (Home) Admiralty Naval Staff 1944 45 Chief of to Commander in Chief, Home Fleet, Imperial Defence Coll London, 1947 dmiral, 1948, Chief of the U K s Liaison Staff in Australia 1948 49 Officer Commanding First Cruiser on 1950-51, Vice Admiral 1951 *Rec* Golf, Tennis *Clubs* United s Club, London, S W 1 Delhi Gym Club New Delhi *Address* Admiral s House New Delhi, C/o Admiralty, Whitehall London S W 1

PODAR, Ramnath Anandilal J P & Hon Presidency M (1934) Industrialist and business man *b* Jan 21 1910 *s* of late Seth Anandilal Podar Cotton magnate *m* Smt Panabai two s and three d *Educ* Marwari Vidyalaya High Joined father s business 1927 Ch Podar Sons Ltd Board of Directors Bank of Jaipur Ltd The Jaipur Spg & Wvg Mills Ltd Member Council of States Ctte of The Millowners Assoc Bombay tion of Indian Chambers of Com Industry Rajasthan Chamber of C Industry Pres, Santa Cruz Education Trustee and Pres Anandilal Podar on Society Member Senate Univ Bombay Leg Assembly (1946 Municipal Corporation (1943 52) Reforms Advisory Ctte Jaipur State (1943) numerous Institutions having activities connected with medical relief, social welfare and imparting of education Member and U K *Recreations* Contract Bridge Chess *Clubs* Cricket Club of India Willingdon Sports Club National Sports Club of India, Bombay Radio Club Jaipur Club (Jaipur) *Address* Podar Chambers Fort Bombay 1

POHOWALA, Miss Coomi Narimen, Proprietress Poho Arts Academy *b* 1911 at Navsari, *d* of late Khan Bahadur Manekji Pohowala Government Engineer *Educ* Navsari Served in Govt ognised Gamadia High School as painting and cutting out teacher 1931 46, obtained first Diploma of Tailor and Cutter Academy ndon 1941 prepares dents in cutting out fancy work and embroidery for Govt diplomas Examiner S S C Board 1951 53 Board of Technical Education Bombay 1949 51 *Publications Gam Shobha* in Gujarati for ladies and children s garments *Recreation* Indian Classical music *Address* Tandel House Forjett Street Bombay 7



POONACHA, C M, Chief Minister Coorg, in charge of Land Revenue Excise General Administration Forest Agriculture Civil Supplies Appointment Planning and Development and Budget *b* 1910 South Coorg *Educ* Mangalore Courted jail in Salt Satyagraha C D Movement and individual Satyagraha 1932, 33 and 40 Sub Editor *Kodagere* weekly, 1934-37 elected member Coorg Dist Board 1938, its Pres 1941 detained in the Quit India movement till 1944 elected M L C Coorg and became leader Congress Party in the Council 1945 member Indian Constituent Assembly and subsequently of Parliament elected M L A Coorg from Bettiathnad Constituency *Address* Chief Minister Coorg

POTDAR, Datto Vaman, Mahamahopadhyaya (1946), B A (Bombay) Educationist and Historical Research Worker *b* A 1890 *Educ* Poona Worked as Prof of Marathi and History in the S I College, Poona Orator, Educationist Research Worker in the field of Indian History particularly of the Mahrattas, developed the Bharat Itihasa Sanshodhak Mandal Poona was its Hon Secy for 25 years, started the Indian History Congress in Poona 1935 presided over the History Congress held at Delhi 1948 and the Ahmednagar session of the Maharashtra Sahitya Sammelan, 1939 nominated to the Court and Academic Council of the Poona Univ, Chairman, Shikshana Prasaraka Mandali Poona Member Editorial Board Freedom History of India Govt of India Indian National Commission for co operation with UNESCO Kul Guru of the Tilak Vidyapeeth, Poona Pres Maharashtra Rashtra Bhasha Sabha *Potdar Commemoration Volume* presented on Oct 28, 1950 *Publications A History of Marathi Prose* Dnyankosh 77,

PRADHAN, Manohar Gopal, B E (Mech), D I C, A F R Ae S, Council Member for India on International Civil Aviation Organisation Montreal *b* January 11, 1906 *s* of late Rao Bahadur G V Pradhan of Nasik, *m* Miss Kamal Karnik *d* of late M V Karnik, two *s* and two *d*, *Educ* Royal Institute of Science, Bombay Engineering College, Poona, Imperial College of Science and Technology, London Appointed to Civil Aviation Department as Aerodrome Officer, 1932, later Technical Officer (Operations) Deputy Director of Air Routes & Aerodromes and Director *Address* 907 International Building 10 Canada

PRAKASA, Sri, B A (Allahabad), B A, LL B (Cantab), Bar at Law, Governor of Madras, since, March 12, 1952 *b* Aug 3, 1890, *e s* of Dr Bhagavan Das, M A D Litt, *m* Anasuya Devi, *d* of Govind Prasad landlord of Sasaram, 2 *s* and 2 *d* Educationist Journalist and Politician connected with the Benares Hindu Univ (1914 17), *Leader*, Allahabad (1917 18) *Independent*, Allahabad (1919), *A*, Benares (1920 43), *National Herald*, Lucknow, since 1938 *Sansar* (Benares) (1943 49), member, A I C C (1918 45) Foundation member, Kashi Vidyapith (1921) Benares Municipal Board (1921 25) General Secy, U P P C C (1928 34), and Indian National Congress (1929 31) Pres, U P Political Conference (1934) and Pres, U P C C (1934 35) M L A (Central), 1934, re elected 1945 Chairman, Reception Ctte Indian National Congress, 1936 Imprisoned for Congress activities in 1930 1932, 1941 and 1942 elected member Indian Constituent Assembly for U P, 1946 High Commissioner for India in Pakistan, 1947 49, Governor of Assam, Feb 1949—May 1950, Minister of Commerce, Govt of India (May 1950 Feb 1951) Minister for Natural Resources & Scientific Research Govt of India 1951 52 elected M P in the 1st general elections Feb 1952, subsequently resigned *Publications Annie Besant as Woman and as Leader* (in English) and *Grihasta Gita, Sphut Vichar* and *Nagarik Shastra* (in Hindi) *Clubs* Kashi Club and Rotary Club Banaras *Address* Sevashram Banaras Raj Bhavan Cuncly Madras Ootacamund S India



PRAKASAM, T Bar at Law Chief Minister Andhra State since Oct 19 *b* 1876 at Ongole Taluk Andhra *Educ* Rajahmundry qualified for the bar entered municipal politics early in life was elected Municipal Chairman set up practice at Madras was Editor *Law Times*, gave up practice and plunged into the Satyagraha movement during the anti Rowlatt agitation took part in all national movements and courted imprisonment several times edited *Young India* for some time, entered the Central Assembly, 1925 resigned, 1930 became Revenue Minister in the C R Ministry 1937 was responsible for the massive report on the land revenue problem of the zamindari section of the Province founded the *Swarajya* in his twenties, has been a staunch advocate of zamindari abolition, was Pres, A P C C was Premier Madras for eleven months one third of the Province went dry during his office, temples were thrown open to Harijans foundation for the abolition of the zamindari system was laid by the Estates Land Revenue Bill *Address* Kurnool



PRASAD, Bind Basni, B Sc I L B, M A Ex Judge, High Court, Allahabad, since 1947 *b* Feb 20 1898, *s* of late M Kashi Prasad, Magistrate and Collector (U P) *m*, *d* of late Kunwar Kamta Prasad, Dy Collector, practised at bar at Allahabad, 1915-21 entered judicial service, 1921, served as Civil Judge and later as District & Sessions Judge has served as Chairman of several boards, Ctees of Courts of Enquiry in Industrial Cases lately appointed by the President to advise the Govt of India on the scheme of legislation re debts of displaced persons from I *Publications* Translated the U P Co op Manual and contributed many articles to Co operative Journals *Recreations* Co operative movement Education and Art of the I Allahabad

PRASAD, Jamuna, B A Hons (English) Patna M A (Philosophy), Calcutta Moral Sciences Tripos and M Sc (Experimental Psychology), Cambridge, Principal Ranchi College, since Nov 1946 *b* Sept 27 1898, *s* of M Mewa Lal, *m* Smt Kishori Devi, three *s* and one *d* *Educ* Patna, Calcutta and Cambridge Universities Professor of Philosophy, Patna Coll, 1926 37, Registrar, Patna Univ, 1938 43, Professor of Philosophy, Patna Coll, 1943 46 *Publications* *The Conscious the Sub-Conscious and the Unconscious*, *Psychology of Rumour Psychology of Class Consciousness Psychological Study of Hindu Muslim Communal Problems*, *Psychology of Culture Conflict*, *A Comparative Study of Rumours in the History of Earthquake Recreations* Football Hockey Tennis, Cricket, Music *Address* Ranchi (Bihar)

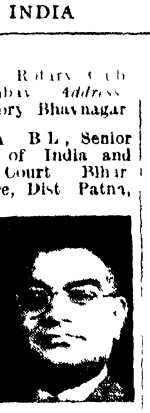
PRASAD, Dr Jwala, M A, Ph D (Cantab) King George V Silver Jubilee Medal, and King George VI Coronation Medal, Principal, Shri Shivaji College, Amravati Head of the Philosophy Department, Nagpur University, Director, Shri Shivaji Toka Vidyapitha Amravati *b* Oct 25, 1890, *m* Shreemati Manorama *Educ* St John's College Agra and Fitz William House, Cambridge Professor, St John's College Agra, Professor and Principal Robertson College, Jabalpur and King Edward College Amravati *Publications* Text Books of Intermediate Logic Deduction and Induction *Introduction to Indian Philosophy* *Indian Epistemology* Lectures on B A Ethics *History of Rome* (Hindi) *Western Logic* (Hindi) and number of research papers *Address* Camp Amravati (Berar)

PRASAD, Kamta, Minister for Finance Commerce and Industries Labour and Agriculture Bhopal State since March 1951 *b* Aug 1912 *m* Smt Rama Devi of Sagar M P 1937 one *s* Subhash Chandra and one *d*, Kumari Shakuntla *Educ* Passed Intermediate Examination from Aligarh Univ 1934 passed two years Govt Commercial Diploma Course, New Delhi, 1936 Joined Agriculture Deptt Bhopal 1937 worked in P W D entered business 1940 and politics, 1942 organized the State Peoples Conference became Pres Schore Prijandal Bhopal State Harijan Sewak Sangh organized Youth Kisan and Labour Fronts in the fight for responsible Government against the Nawab, elected member, P C thrice became Minister for Agriculture Forest and Finance in the Coalition Cabinet Bhopal 1948 resigned 1949, organised Bhopal Rajkiya Congress, was Pres Bhopal State Kisan Congress Raisen Tehsil Congress Cttee, elected to State Leg Assembly from Raisen Constituency in the general elections 1952 *Address* Subhash Bhawan Shahjehanabad Bhopal



PRASAD, Dr Mata, M Sc, D Sc, F R I C, F N I Director Central Salt Research Laboratory, Bhavnagar since June 1953 *b* Feb 1898, *s* of Munshi Mathura Prasad, *m* Sheila Mathur, three *s* and two *d*, *Educ* Agra, Banaras and London, was the recipient of merit scholarship at the B Sc examination, was the U P Govt Scholar for research at Banaras, worked at the Royal Institution, London 1926 and 1934, Fellow of the Royal Institute of Chemistry, London, Fellow of the National Institute of Sciences, India, Fellow of several societies in India, President, Indian Science Congress Chem Sec 1941 Principal, Institute of Science Bombay, 1946 53 and Professor of Physical and Inorganic Chemistry 1925 53 *Publications* About 140 original papers published in journals in India and abroad on Colloidal Chemistry Magneto Chemistry Photo Chemistry X rays and Crystal structure Chemical Kinetics and many industrial topics *Clubs* Rotary Club Bombay Radio Club Bombay *Address* Central Salt Research Laboratory Bhavnagar

PRASAD, Raj Kishore, M A B L, Senior Advocate Supreme Court of India and Advocate, Patna High Court Bihar *b* March 30, 1902 at Isapore, Dist Patna, *s* of late Shashi Bhushan Lal B A (All), B I (Pat) Pleader Monghyr and Gaya and late Smt Rama Kuer *m* Smt Sarojani Devi 1918 2nd *d* of late Munshi Bishundeva Narayan of Gamharia, Pleader Aurangabad, three *s*, Shiva Priya, B A (Hons) M A B L Advocate Patna High Court Shankar Priya B Sc and Shambhoo Priya and four *d* Mrs Premlata Prasad, Mrs Snehlata Hajela M A (Pat), Sahitya Ratan (All) Kanaklata and Hemlata *Educ* Matriculated in the first division from Palamau Zila School at Daltonganj, 1916 joined Patna Coll same year, took M A degree in English language and literature, 1922 joined Patna Law Coll 1920 and took B L degree Jan 1924 having been placed high in the first class at both the Intermediate and Final law Examinations Secretary, Patna Coll Chanakya Society and Prefect, Minto Hindu Hostel 1919-20 Enrolled as pleader and joined Dist Court, Gaya 1924 enrolled as Advocate Patna High Court and set up practice at Patna 1933 enrolled as Advocate, Federal Court of India 1939, enrolled as Senior Advocate Supreme Court of India 1950 Asstt Public Prosecutor at Gaya on Advocate General's Panel in the High Court and part time lecturer at the Patna Law Coll, 1939 43, Member Bihar Univ Senate and Syndicate since April 1952, Patna High Court Bar Council since 1945, Council of All India Federation of Educational Assocs, Governing Bodies of Deoghar Coll and B N R Trg Coll Executive Cttee of Patna High Court Advocates Assoc, Life Member, Bharat Scouts and Guides State Council Bihar State, Ex Pres Rotary Club of Patna Kishore Dal, Central Hqrs Bihar State Ex Cttees Bihar Young Men's Institute S P C A State of Bihar Ex Asstt State Commr Bharat Scouts and Guides Bihar State Ex Member Governing Bodies of Patna Law Coll Sachchidananda Sinha Coll and H D Jain Coll, Arrah Ex Cttees of Patna Law Coll and Patna Coll Old Boys Assocs Working Cttee of Lawyers Assoc Bihar State Board of Secondary Education Bihar State and Patna Univ Secondary Examination Delegacy Ex Vice Pres Bihar Physical Educational Assoc, Bihar State and Sahishnu Patna, Member Old Patna Univ Senate 1943 51 and Syndicate, 1948 52 Member Faculties of Arts and Law Bihar Univ and Old Patna Univ and Examiner in Law (B I Exam) and Member Board of Examiners in Law, Old Patna Univ Examiner in Law (LL B Exam) and member Faculty of Law Univ of Rajputana *Publications* *Law of Torts* 1947 prescribed for B I Exam by the Old Patna Univ *Hobbies* Walking reading and writing Public and social work *Address* Shashi Sadan Patna 3 Bihar



PRASAD, Dr Rajendra, M A M L LL D President, Indian Republic, since Jan 26, 1950 *b* Dec 3 1884 *Educ* Presidency Coll Calcutta Prof of English G B B Coll Muzzafarpore, 1908, practised Calcutta High Court 1911-16, practised, Patna High Court, 1916-20, joined Mahatma Gandhi in Champaran agrarian movement suspended practice as lawyer and joined non co operation movement, 1920, General Secretary, Indian National Congress, member Congress Working Committee, President Indian National Congress, 1934, 1939, 1947 imprisoned several times for taking part in Civil Disobedience Movement, last time arrested Aug 1942 released 1945, Member and Minister for Food and Agriculture in Indian Interim Govt and first Indian Government after Independence in 1946 and 1947 respectively, Chairman Indian Constituent Assembly since formation in Dec 1946 left Government, Jan 15 1948 President of Congress Nov 18 1947 Dec 1948, other activities include propagation of Hindi journalism and social humanitarian and relief work in general, one of the founders of the Patna English daily *Searchlight* and the Hindi Weekly *Desh* *Publications* *Indias Divided* *Atma Katha* (autobiography) and *Mahatma Gandhi in Champaran* *Address* Rashtrapati Bhavan New Delhi



PRASADA, Krishna, I C S, J P C I E (1943), Ex Director General Posts and Telegraphs New Delhi *b* Aug 4 1894, *m* Shrimati Bishan Devi, *Educ* Bareilly College Bareilly and New College Oxford Started service in 1921 in U P where he was Collector & District Magistrate till 1934, when he was appointed P M G led the Indian Delegation to the International Telecommunications Conferences Cairo in 1938 Buenos Aires 1952 and to the International Postal Congress Paris in 1947 Oxford Tennis Blue (1921) played for India in the Davis Cup in 1927 and 1932 Pres Indian Lawn Tennis Assoc 1951 retired, July 31 1953 *Address* New Delhi

PRASADA, Shanker, M Sc I C S Chairman, Indian Airlines Corporation, since March 1954 *b* March 11 1905 *s* of Kameshri Prasad *m* Radhavati two *d* Mrs Virendra Kumar and Mrs L Nigam *Educ* Allahabad Univ Allahabad Magdalene College Cambridge Joint Magistrate, 1930 36 Magistrate & Collector Shahjehanpur 1937 38, Dy Secy Govt of U P Education & Industries Dept 1938 41 Settlement Officer, 1941 42, Excise Commissioner, Uttar Pradesh, 1942 46 Magistrate & Collector, Meerut, 1946 47, Chief Commissioner Ajmer 1947 48 Chief Commissioner Delhi 1948 54 *Club* Roshanara Club Delhi *Address* Delhi

PRASHAD, Dr Baini, D Sc (Punjab *et* Edinburgh) F R S E F L S F Z S F A S F N I O B E (1943) Director of Fisheries, West Bengal Calcutta, since Dec 1950 *b* 13th March, 1894, *m* Miss Ram Dass *Educ* Punjab Univ Lahore and Edinburgh Univ Appointed Supdt of Fisheries Bengal Bihar and Orissa 1917 Offg Dir of Fisheries 1918 20 Asstt Supdt, Zoological Survey of India 1920 and again 1921, Offg Supdt, 1920 and 1923 Offg Dir, 1924 1927 and again 1929, confirmed 1933 Fisheries Development Adviser to the Govt of India 1944 50 *Publications* *Progress of Science in India during the past 25 years* English translations of *Tabaquat i Akbari* *Qanun i Humayuni*, *Maathir ul Umara* and over 150 scientific papers on the zoology of India in various Indian and foreign journals *Address* Writers Buildings, Calcutta 1

PRUTHI, Hem Singh, B Sc (Hon) M Sc (First Class), Ph D & Sc D (Cantab), O B E Plant Protection Adviser to Govt of India since 1945 *b* Feb 1897, *m* Shrimati Harbans Kour *Educ* Govt Coll, Lahore, Peterhouse, Cambridge, Mcleod, Kapurthala Natural Science Student (Punjab Univ 1920-23), Charles Abercrombie Research Student of Peterhouse (1924 25) International Education Board (Rockfeller) Research Fellow 1925 26, Foundation Fellow National Institute of Sciences of India Secretary of the Institute since 1947, Fellow and Barclay Memorial Medalist of Royal Asiatic Society of Bengal (for best work in Biological Research) Sectional Pres, Indian

Science Congress 1940 Pres Entomological Society of India Imperial Entomologist Govt of India, 1934 44 Director Imperial Agricultural Research Institute, New Delhi, 1944-45 Director, Locust Control in India since 1944 *Publications* About one hundred original research papers on insects and other animals *Club* Delhi Gymkhana *Address* Ministry of Food & Agriculture New Delhi

PURI, Sardar Bahadur Balwant Singh, C I E (1946) O B E (1932) K S J (1948) Secretary General Indian Red Cross Society and St John Ambulance Assoc and Brigade *b* 1892 *s* of S Kalyan Singh Puri *m* Smt Sita *d* of S Kalyan Singh Mehta 1910 *Educ* Sukho Lyallpur and Amritsar Hon Secy, Indian Leprosy Assoc member Central Ctees of Tuberculosis Assoc of India, Indian Conference of Social Work Indian Soldiers, Sailors and Airmen s Board ex Services Assoc of India, represented India at Advisory Conference of National Red Cross Societies (Geneva) 1945 meetings of Board of Governors of League of Red Cross Societies (Paris), 1945 and (Oxford), 1946, National Red Cross Societies Conference at Geneva, 1946 and XVIIth International Red Cross Conference (Stockholm), 1948 member, Federal Public Service Commission 1948 49 Leader Indian Red Cross delegation to the XVIIIth International Red Cross Conference Toronto July Aug 1952, visited on invitation America and Europe American Red Cross National Headquarters and the International Red Cross Committee s headquarters in Geneva Sept 1952, member Indian Advance Party to Korea in connection with the repatriation of P O Ws, Aug 1953 Pres, Sikh Co operative Thrift & Credit Society 1924 49 and its Patron since awarded Silver Jubilee Medal (1935), and Coronation Medal (1937) Sardar Bahadur 1926 *Club* Delhi Gymkhana Club *Address* 19 Curzon Road New Delhi

PURI, Dev Datt, B A (Punjab) M L A (Punjab), Business man *b* August 4, 1914, *s* of *R B* Dewan Badri Das Advocate, and Sh Basanti Devi, *m* Shreemati Kamla Khanna one *s* and one *d*, *Educ* Central Model School, Lahore, Foreman Christian College, Lahore Started career as an apprentice in 1933 with the Jailakshmi Sugar Mills Co Ltd, Doiwala appointed Manager of the Saraswati Sugar Mills Jamna Nagar (Distt Ambala), 1935, promoted General Manager, 1937, Managing Director, 1941, appointed Managing Director of the entire concern The Saraswati Sugar Syndicate Ltd owning the Saraswati Sugar Mills Jamna Nagar (Distt Ambala) and The Neoli Sugar Factory Neoli (Distt Etah) 1946 Managing Director of the Punjab Textile Mills Ltd Jamna Nagar (Distt Ambala), 1943 elected Chairman of the Upper India Glass Works Ltd Ambala City, 1943, appointed Managing Director The Indian Sugar & General Engineering Corporation Ltd Jamna Nagar (Distt Ambala) 1946 Managing Agent of The Pakpattan Electric Power Co Ltd, Pakpattan (Pakistan) elected member, Punjab Legislative Assembly, 1952 *Address* Saraswati House, P O Jamna Nagar Distt Ambala, Rly Stn Jagadhri Northern Rly



PURUSHOTTAM, Jatavallabha, M A (Madras) in Sanskrit and Telugu Head of the Department of Sanskrit, S R R and C V R College, Vijayawada, since June 1948 *b* Aug 2, 1906 *s* of Krishna Somayaji, a Vedic scholar *m* Mrs Bala Tripura Sundaramma *d* of Dr M Narasimha Sastri of Kakinada three *s* and four *d* *Educ* Taylor High School, Narsapur, Maharajah s College, Vizianagaram Principal, S V J V Sanskrit College, Kovvur, West Godavari Dist, 1932-48, Congress Detenu, 1943 *Publications* *Vedic Women*, *Women in the Smritis* *Hinduism* *Introduction to Bhagavat Gita*, etc *Address* Vijayawada (Bezwada)

PUTTURANGASWAMY, N, B Sc, Chief Secretary Government of Mysore *b* Oct 2 1904 *s* of B S Nagappa *m* Smt Thayamma Putturangaswamy one *s* and one *d* *Educ* Bangalore (Mysore University) *Address* Chief Secretary Mysore

RADHAKRISHNAN, Sir S, Kt (1931), F R S L, M A, D Litt (Hon), L L D, F B A, Vice President Indian Republic *b* 5th Sept 1888, *Educ* Madras Christian Coll For some time Prof of Philosophy, Presy Coll Madras, Mysore Univ Upton Lecturer in Comparative Religion Manchester Coll Oxford Hibbert Lecturer 1929 30 Vice Chancellor Benares Hindu Univ 1939 48 Spalding Professor of Eastern Religions and Ethics Oxford 1936 52 George V Professor of Philosophy Calcutta 1921 39 member International Cttee on Intellectual Co operation, 1931-39, member and leader, Indian Delegation, U N E S C O, 1946, 1947 1948, 1949, 1950 Pres 1952 elected Chairman of the Executive Board U N E S C O 1948, Chairman Univ Commsn, Govt of India 1948 Indian Ambassador Extraordinary and Minister Plenipotentiary to Soviet Russia 1949 52 *Publications* *Philosophy of Rabindranath Tagore* *Reign of Religion in Contemporary Philosophy* *Indian Philosophy* 2 Vols *The Hindu View of Life* *An Idealist View of Life East and West in Religion* *Kalki or the Future of Civilisation* *The Religion We Need*, *Gautama the Buddha* *Eastern Religions and Western Thought* *India and China* *Religion and Society* *Education Politics and War* *Bhagavadgita* *Dhammapada* Articles on Indian Philosophy and others in Encyclopædia Britannica *Address* 30 Edward Elliot Road Mylapore Madras 2 King Edward Road, New Delhi



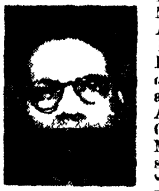
RAGHAVAN, H E Shri Nedyam, B A (Madras), Barrister-at Law (Inner Temple), Indian Ambassador in China since 1952 *b* June 23 1900 *s* of K C Veerarayan Rajah *m* Radha Nambyar, two *s* and one *d* *Educ* Christian College, Madras Council of Legal Education, London Practised Law in Malaya 1928 47, Consul General for India in Indonesia 1947 48 Indian Ambassador to Czechoslovakia, 1948 50, Ambassador to Belgium and Minister to Luxemburg 1950 51 Indian Ambassador in Switzerland and Minister to the Holy See and Austria 1951 52 *Recreation* Tennis *Address* Hermitage Ormes Road Kilpauk, Madras, Indian Embassy Peking

RAGHAVAN, Dr V, M A Ph D Professor of Sanskrit Madras University *b* Aug 22 1908, *s* of S Venkataramma Iyer and Minakshi *m* Smt Sarada two *s* and two *d* *Educ* Govt High School, Tiruvarur Presidency Coll Madras Supdt Sarasvati Mahal Mss Library, Tanjore (1931), Senior Asstt Catalogus Catalogorum Madras Univ (1935) Asstt Editor (1938) Junior Lecturer in Charge (1939), Senior Lecturer in charge (1948) Reader and Head of the Department of Sanskrit Madras Univ (1950) *Publications* *New Catalogus Catalogorum* Vol I *Sringara Prakasa*, Pts I—II *The Number of Rasas* *Some Concepts of Alankara Sastra* *Sringara Manjari of Akbar Shah* Sanskrit plays and poems, *Varalakshmi vratam* (Tamil short stories) *Address* Department of Sanskrit University of Madras Madras—5

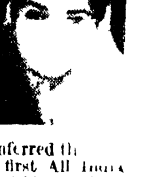
RAGHUBIR, SINH Maharaj Kumar, Dr, M A, D Litt, L L B, M P (Council of States), Heir Apparent of Sitamau (Malwa) *b* Feb 23, 1908, *m* Maharaj Kumari Mohan Kumari of Partabgarh State (Rajputana) Dec 2, 1929 two *s* and two *d* *Educ* At home and the Holkar Coll Indore, took B A (1928), L L B (1930) and M A (1933) from the Agra Univ, awarded D Litt on the thesis *Malua in Transition 1936* Closely associated with the Sitamau State Administration, 1934 38, High Court Judge, Sitamau State, 1932-40, Pres, Sitamau State Shasan Samiti (Executive) 1939 41 1945 48 Pres, Sitamau State Rajya Parishad (Legislature) 1939 41 and 1945 46 actively participated in the Chamber of Princes affairs took a leading part in bringing about the formation of the Madhya Bharat Union 1948 served in the Indian Army as an Emergency Commissioned Officer 1941 45, Capt (1941) Major (1942) an eminent writer of Hindi prose and a historian of great repute awarded the Mangala Prasad Prize for the year 1945 for his Hindi book *Malua Men Yugantar* by the Hindi Sahitya Sammelan Allahabad owns a library, Shri Raghubir Library, at Sitamau having a large collection of important historical manuscripts and rare printed books on the Muslim and Maratha periods of Indian History *Publications* (Hindi) *Purva Madhyakalin Bharat* *Bikhare Phool*, *Sapta Deep Malwa Men Yugantar* *Shesha Smritiyan* *Jeevan Dhuli* *Jeevan Kan* *Ratlam Ka Itratham* *Rajya*, *Purva-Adhunik Rajasthan* (English) *Malua in Transition* *Indian States and the New Regime*, *A Hand List of Important Historical Manuscripts in Shri Raghubir Library* Edited, (Hindi) *Kahani Nai Purani*, (English) Poona Residency Correspondence Series, (Vol IX) *Daulat Rao Sindhia and Northern Indian Affairs* (1800 1803) (Vol X) *Treaty of Bassein and the Anglo Maratha War in the Deccan* (1803 04), (Vol Extra) *Selections from Sir C W Malet s Letter Book* 1780 1784 Translated into Hindi Dr Jadunath Sarkar s *A Short History of Aurangzib* under the title *Aurangzib* *Address* Raghubir Niwas Sitamau (Malwa)



RAGHURAMAIAH, K, M A, L I B Bar at Law M P Advocate Madras High Court *b* Aug 6 1912 *s* of K Jagannadham *m* Smt Lakshmi Raghuram, one *d* *Educ* Guntur, Lucknow and London Enrolled as Advocate Madras High Court was subsequently in Madras Govt service for some time as Acting Law Secretary *Recreation* Tennis *Club* Madras Gymkhana Club *Address* 55 Harrington Road Chetpet Madras



RAHMAN, Srimati Indrani, Classical Bharata Natyam Dancer *b* Sept 19 1930 at Madras, *d* of Ramlal B Bajpai and Smt Ragini Devi Indian Classical dancer of international reputation *m* Habib Rahman Senior Architect Govt of India, one *d*, *Educ* India England and U S A took the Natyakala Bhushanam Diploma from the Indian Institute of Fine Arts Madras Dec 1950 One of the foremost exponents of Classical Bharata Natyam of Tanjore studied under Natyakala Visarada Pandanallur Chokkalingam Pillai conferred the of Miss India 1952 at the first All India Beauty Contest, April 195_ *Address* New Delhi India



RAI, Aftab, Barrister at Law Managing Director Hindustan Machine Tools Ltd Jalahalli *b* Oct 24, 1893, *s* of late Rai Khushwakt Rai, S C S, U P, *m* Krishna two *s* and one *d* *Educ* Benares, Glasgow and Dublin After return from U K in 1919 Private Secy to late Sir Ganga Ram of Lahore later in business in Lahore, in 1943 appointed as Deputy Director-General (Supplies), Ministry of Industries and Supplies, Materials Economy Officer and Director-General of Disposals, Chairman, Rehabilitation and Development Board and Ex officio Additional Secy to the Govt of India Ministry of Rehabilitation, was Consul General for India in Buenos Aires (Argentina) Charge d Affaires and Minister, Brazil *Clubs* Calcutta Club, Calcutta, Delhi Gymkhana Club Chelmsford Club, New Delhi, Roshanara Club, Delhi *Address* Jalahalli Bangalore

RAIJI, Mrs Jayashri, B A (Bom) M P *b* Oct 26, 1895, *d* of Sir Manubhai Mehta *m* N M Raiji two *s* and two *d*, *Educ* Baroda Coll Bombay Univ Justice of Peace and Honorary Magistrate, appointed on the Women s Section, Relief and Rehabilitation Dept, Govt of Bombay, Member, Children s Aid Society Chairman United Women s Organisations Cttee was Vice-Pres, All India Women s Conference, Pres, Bhagini Samaj for a long time, member, Syndicate of the S N D Thackersey Women s Univ, Bombay *Address* "Arvind", Darobsha Road, off Nepean Sea Road, Bombay 26

RAJ, Des, B A, I L B, ex Minister for Civil Supplies Industries and Law, PEPSU *b* July 14, 1914, *s* of J Dhani Ram of Papra Bhai ka village, Mansa tehsil (PEPSU) *m* Smt Sita Devi, *d* of late J Tilak Ram of Bhadaur one *s* *Educ* Graduated from Mohindra Coll, Patiala, Law Coll, Lahore Started practice at Mansa, 1941, joined the Civil Supplies Department, Govt of India, 1942, dismissed from service for his anti British activities, took active part in Quit India Movement and was detained in District Jail, Delhi entry banned in Delhi and Punjab States, returned to Patiala State, has been a member of Executive of State Prajamandal and State Congress for the last six years *Address* C/o Secretariat Patiala

RAJA, Dr Kizhakke Covilagam Kutty Ettan L M & S (Madras), L R C P & S (Edin), L R F P S (Glasgow), D P H (Cambridge), D T M & H (Cambridge), Spl Officer All India Medical Institute, New Delhi *b* Aug 19 1893, *m* Shrim Parappil Madhavi Amma, two *s* *Educ* Madras Medical Coll Edinburgh, Cambridge and London at the London School of Tropical Medicine and Hygiene Medical Officer of Health, Madras Public Health Service for 11 years, Asstt Professor and Professor of Epidemiology and Vital Statistics, All India Institute of Hygiene & Public Health, Calcutta, 3½ years, Medical Statistician Central Health Dept, 1½ years, Asstt Public Health Commissioner, over 2 years, Dy Public Health Commissioner, 2½ years, Secy, Health Services and Development Cttee (Bhore Cttee) 2 years, Officer, Health Planning & Development, Central Health Dept, 1½ years, Dy Director General of Health Services, Govt of India, about 9 months Director General, 1948 52 *Publications A life table for London, The Use of Bacteriophage against Cholera in North Arcot District, Madras Presidency in* 1933, *Probable Trend of Population Growth in India, A plea for a Forward Public Health Policy in India, Health Problems of India,* etc *Address* New Delhi

RAJA, P S Kumaraswami, Governor of Orissa State *b* June 1898 in Rajapalayam Ramnad Dist, s of late Jagga Raja *alias* Sanjeevi Raja *Educ* Early education in Rajapalayam Srivilliputtur evinced keen interest in social service and public activities even as a student Pres Pudupalayam Co operative Society 1920 Srivilliputtur Co operative Central Bank till 1932 Rajapalayam Co operative Supervising Union 1924 Bhoopathi Raju Co operative Bank Rajapalayam Rajapalayam Land Mortgage Bank 1930 Rajapalayam Panchayat Board 1928 32 Ramnad Dist Board, 1937 42 Vice Pres, Srivilliputtur Co operative Central Bank, 1921, Madras Provincial Co operative Union for some time Ramnad Dist Educational Council 1934 Ramnad Dist Congress Cttee for some time, was member, Executive Cttee, Madras Prov Co operative Union member Executive Cttee, Tamil Nad Congress Cttee since 1930 A I C C since 1931, has closely associated himself with the Congress movement since 1920, elected M L A, Central on Congress ticket 1934, M L A, Madras, 1937 again elected M L A, Madras and became Minister for Agriculture, Sri Prakasam s Cabinet, 1946 resigned, Feb 1947, was member Industrial Planning Cttee elected Leader Madras Congress Legislature Party, March 1949, Chief Minister Madras State 1949 52, had as his guest in his house, Mahatma Gandhi, 1927 and 1933 *Address* Raj Bhavan Cuttack Orissa



RAJA, Tribhovandas Jagjivandas, M A, I L B, J P, retired Dewan of Kutch State, *b* Nov 6, 1893 *m* Miss Taralaxmi R Khandedia *Educ* Bahadurkhanji High School Junagadh, Bahauddin Coll, Junagadh, Wilson Coll Bombay and Govt Law School Bombay Lecturer in History Wilson Coll, 1914 16 Naib Dewan and Sarnyayadhish, Wankaner State 1917 20, Deputy Revenue Commissioner Junagadh State, 1920 21, Huzur Personal Asstt and Revenue Minister, Limbdi State, 1921 30 appointed Dewan, Junawada State, 1930 Foreign, Political and Finance Minister, Bikaner, Jan 1933 reverted to Junawada, July 1933, appointed Dewan, Porbandar State, 1934, created a Fazmi Sirdar (Dowdi) of the Porbandar State, July 1936 retired with grant of a special Varshasan (annuity for life) Nov 1938 appointed Dewan, Partabgarh State Nov 1939 elected by the Rajputana Group of States (Rulers) to the All India Cttee of Ministers in bye election July 1941, re elected for another term of two years, March 1942, appointed Chief Minister, Ratlam Nov 1942, received the decoration of Dohri (double) Tazim and Gold from His Highness of Ratlam, Jan 1944 elected by the Central India Group of States (Rulers) to the All India Cttee of Ministers, 1944 was granted a *Vorshasan* of Rs 1,501 0 0 for life by H H of Junawada, June 1945 appointed Dewan, Kutch State, Jan 1947 was granted by the Ruler of Ratlam, an annuity of Rs 3 000 for life on his leaving Ratlam service and a moiety thereof to his heirs and successors from generation to generation in lieu of Jagir retired from Kutch service, March 1948 on the demise of the late Ruler Senior Partner, Unity Cotton Co Bombay Jt Promoter Bharat Salt & Chemical Industries, Ltd Mundra Kutch *Address* Devkunj 81, Shivaji Park Cadell Road, Bombay 28



RAJABHOJ, Pandurang Nathuji, M P Journalist and Agriculturist *b* March 15 1905, *s* of N D Rajabhoj at Nasik *m* Smt Rukmnibai 1929 two *s* and two *d* *Educ* Nutan Marathi Vidyalaya and Maharashtra Education Society's High School, Poona Left Govt service to work for the amelioration of the backward classes 1925, Editor *Dalit Bandhu*, since 1928 edited *Indian States* for two years, ex member I N Congress Secy, All India Depressed Classes League 1935 37, represented the depressed classes on the Franchise Cttee of the Simon Commission, imprisoned several times in connection with satyagraha movement of scheduled castes, one of the signatories to the Poona Pact, General Secy A I S C F since its inception in 1924 attended the 2nd World Buddhist Conference at Tokyo, 1952, Vice Pres Depressed Class Mission Society of India, Gen. Secy Bharatiya Bouddh Jana Sangh *Hobbies* Reading, Collection of literature about backward classes *Publications Lashkari Pesha* (Marathi), pamphlets in Marathi on Buddhism translation of Dr Ambedkar's books *Address* 207, Ghorpade Peth, Poona 2

RAJADHYAKSHA, Mr Justice Ganpat Sakharam, M A (Cantab), Bar at-Law (Gray s Inn) I C S, Puisne Judge, High Court of Judicature, Bombay *b* Sept 9, 1896, *s* of Rao Bahadur S V Rajadhyaksha, formerly Executive Engineer Bombay, *m* Miss Champu Nabar one *s* and one *d* *Educ* Elphinstone High School and Coll, Bombay, St Catherine s Coll, Cambridge, School of Oriental Studies, London Univ Entered I C S, 1920, Asstt Collector, Patna, 1921, Asstt Collector and Collector, E K, 1921 24, Asstt Judge, Dhulia, 1924 26, District and Sessions Judge Satara (1926), Bijapur (1927), Dy Secy, Govt of Bombay Legal Dept and Secy, Bombay Leg Council, Jan 1928, Secy Indian R T C London 1930 31, member Franchise Cttee, 1932 Secy, Govt of Bombay Legal Dept, and Remembrancer of Legal Affairs 1934 37 District & Sessions Judge, Dharwar (1935 36), Ahmedabad (1938 42) Poona (1942 43) Addl Judge Bombay High Court, 1943, member, Court of Industrial Arbitration, 1940 46, Adjudicator in the Postal Dispute 1946 Adjudicator in the Rly Dispute, 1946 47 Commissioner Income Tax Investigation Commission 1947-48, Chairman, Indian Air Transport Inquiry Cttee, 1950, Sole Member, Indian Fertilizer Inquiry Cttee 1951, Chairman, Press Commission, 1952 53 *Recreations* Tennis, Golf, Photography *Clubs* Orient Club, Bombay, Cricket Club of India Bombay, Willingdon Club Bombay *Address* High Court Bombay

RAJAGOPALACHARIAR, C, I A B L Ex Chief Minister Madras *b* 1879 in a village near Hosur Salem District *Educ* Central College Bangalore Presidency College and Law College, Madras Joined Bar in 1900 joined Satyagraha campaign 1919 and the Non co operation Movement in 1920 edited Mahatma Gandhi s paper *Young India* during the latter s imprisonment General Secretary of the Indian National Congress 1921 22, member, working Committee of Congress 1922 42 and again 1946 47, served sentences of imprisonment on five occasions in Congress campaigns Member of the Council of the All India Spinners Association from the beginning up to 1935, Secretary, Prohibition League of India 1930 Vice Pres, Dakshin Bharat Hindi Prachar Sabha Prime Minister, Government of Madras in charge of Home and Finance Portfolio, July 1937 39, resigned Prime Ministership of Madras, October 1939 with other Congress Ministers, resigned in April 1942, from Congress on account of difference of opinion, assisted Mahatma Gandhi in the Gandhi Jinnah talks in Sept 1944, member of Governor General s Council, September 1946 August 15, 1947, holding the Portfolios of Industries and Supplies, of Education and of Finance for different periods, Governor of West Bengal, Aug 1947, acted as Governor General of India, Nov 1947, Governor General of India, June 1948 Jan 26, 1950, Minister Govt of India, without portfolio, May Dec 1950 and Home Affairs Jan Nov 1951 resigned Chief

Ministership of Madras March 1954 *Publications* Tamil books on Socrates Marcus Aurelius Bha and Upanishads *Kal* (In English) Mahabh Upanishads and Vedan *tion Manual* and *Way Out* and *I Address* Bazlullah Road, Thya r Madras

RAJAGOPALAN, Justice P, B A (Hons) (Madras), B A (Tripos) (Cambridge), Judge, High Court, Madras *b* April 29, 1901, Pundi, North Arcot Dist Madras State *s* of P Desikacharlar, *m* Ambujammal Rajagopalan, 1922, three *s* and five *d*, *Educ* Presidency College, Madras, Queen's College, Cambridge Joined Indian Civil Service, 1924, Asstt Collector till Feb 1926, Sub Collector, 1926 33, Dt Judge in various districts, 1933 48 *Recreations* Tennis, Bridge *Clubs* Cosmopolitan Club, Mylapore Club, M C C, Madras, Century Club, Bangalore *Address* Edward Elliot Road, Mylapore Madras 4

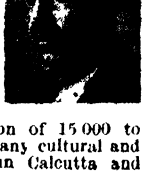
RAJAMANNAR, Chief Justice Dr P V, B A, B L I I D Chief Justice, High Court, Madras, from 18th January 1948 *b* May 10 1901, *Educ* Christian Coll and Law Coll, Madras Apprenticed and later served as junior under his father, Dewan Bahadur P Venkataramana Rao Advocate-General, Madras, 1944 45 Puisne Judge July 25 1945 conferred the Hon Degree of Doctor of Letters by the Andhra Univ, Jan 1953, Chairman, National Academy of Music Dance and Drama *Publications* Sometime edited a Telugu Journal of Art and Letters called *Kala* author of many plays in Telugu 16 Victoria Crescent Madras

RAJENDRASINHJI, General, Maharaj, D S O (1941) American Legion of Merit, Degree of an Officer (1946), mentioned in dispatches 1941, Commander in Chief, Indian Army, since Jan 15 1953



b June 15 1899 *s* of Maharaj Dewisinhji and Pashri Nathiba Saheb of Limnagar *m* Bashri Maya kunwar Sahe one *s* Rajkuma hji and two *d* (Jaitmari Chandrakunwar and Raj kumari Dhiraj Kunwar, *Educ* Rajkumar College Rajkot, Malvern College, U K Royal Mil College Sandhurst Joined 60th Rifles in 1921 and 2nd Royal Lancers, Gardner's Horse in 1922, saw service in Egypt and Western desert 1941, being awarded the D S O, and mentioned in despatches in the same year, on special deputation to U S A, 1942 43 and as Military Attache, U S A, 1945-46, promoted Brig, 1946, Maj Gen 1947 and Lt Gen, Jan 1948 and posted as G O C-in C, East Comd, G O C in C, South Comd, May 1948 Jan 1953 promoted General 1953 *Recreations* Rackets, Cricket, Polo Golf and Shooting *Address* Army House New Delhi

RAJGARHIA, Seth Babulalji, a prominent business man in Calcutta *b* Jan 29 1903 *s* of Seth Kedarnathji Rajgarhia *Educ*



Privately Started business career at age of 22 is working a number of mica mines in Bihar, is running a Jute manufacturing establishment, has an engineering workshop for the manufacture of small machinery and industrial tools and implements has interests in Bajrang Chemical Co and the Bengal Central Chemical Co, owns a library having a collection of 15 000 to 20 000 books a patron of many cultural and academic institutions both in Calcutta and elsewhere *Publication* [illegible] ri butes to the Hindi and English language press in Calcutta *Recreation* Study of books *Address* 13 Syed Salley Lane Calcutta 7

RAJU, Dr P T, B A (Allahabad), M A (Calcutta) Ph D (Calcutta) Sastri (Govt Sanskrit Coll Benares), Univ Professor of Philosophy and Psychology Univ of Rajputana, Jaipur *b* Aug 17, 1903 Some time Read in Philosophy, Andhi Univ, Waltair some tim Secy Indian Philosophical Congress Sectional Pres Indian Philosophical Con gress, 1938, All Indi Oriental Conference 194 Tata Visiting Prof of Philosophy The Asia Institute New York 1949 Delegate, East West Philosophers Conference, Hawaii, 1949, Wood ward Lecturer, Yale Univ 1950, Visiting Prof of Philosophy, Univ of California, 1950, Visiting Prof for Comparative Philosophy, Univ of Illinois Urbana 1952-53 sometime joint editor, *The Philosophical Quarterly*, Amalner Member, Editorial Board *Philosophy—East and West* Univ of Hawaii Philosophical views Vedanta and Critical Humanism authority on Comparative Philosophy *Publications* A number of articles in British Indian and American philosophical journals, *Thought and Reality* (Allen and Unwin Ltd, London), *Comparative Studies in Philosophy* (Allen and Unwin Ltd London) *Telugu Literature* (International Book House Bombay) *India's Culture and Her Problems* (Univ of Rajputana, Jaipur), *Idealistic Thought of India* (Allen and Unwin and Harvard Univ Press) and chapters in *Essays in East West Philosophy* (Univ of Hawaii Press) *Cultural Heritage of India* (The Ramakrishna Mission) *Philosophy Eastern and Western* (Govt of India) and *Radhakrishnan* (Library of Living Philosophers) *Recreations* Light reading and walking *Addr* [illegible]



RAJU, Rao Bahadur P Venkataramana, B L C E (Hons) M I L (Ind) I S L (Retd) Head of the Dept of Engineering Annamalai Univ *b* Jan 14, 1895, *m* four *s* and four *d* *Educ* Madras Christian Coll Engineering Coll Chepauk member Inter national A [illegible] Hydraulic R [illegible] Indian Road C [illegible] and Assocn of I [illegible] d Technical Insti [illegible] ived in Madras P W D in I S E 1919 50 Govt of India s delegate to the International Roads Congress at the Hague (Holland) 1938 toured 14 different countries in Europe, made special study of modern methods of road making Soil Mechanics Laboratories, construction of high dams and Irrigation works 1938 Madras Govt delegate at the Indian Roads Congress Sessions Bombay 1939, Madras 1945 Jaipur 1946 Trivandrum 1947 conducted special examination of weak bridges along trunk roads in Madras State 1940 41, A R P Special Engineer 1941 45 carried out Aerodrome works on behalf of Govt of India War Dept, 1942 46, delivered Endowment Lectures under Madras Univ Maharaja of Travancore Curzon Endowment on roads in Holland, Reclamation of the Zuider Zee, Engineering in A R P, Chairman, Board of Examiners in Engineering and Technology, Annamalai Univ, member, Syndicate, Academic Council Faculty of Engineering and Technology and Board of Studies Annamalai Univ Freemason and Rotarian *Clubs* Presidency Club, Madras Century Club, Bangalore *Address* 'Shangrila, 23, Crescent II Road Gandhinagar Adyar, Madras



RAJU, V B, Diploma in Engineering (Civil) Ex Minister for Labour Rehabilitation, Planning and Information, Govt of Hyderabad *b* May 6 1914, *s* of Vissom Raju and Punnamma *m* Kamala, *Educ* Visha kapatnam and Madras Worked as Consulting Engineer and Architect, 1934 45 joined Hyderabad State Congress, 1946 was in charge of Madras border in the Hyderabad peoples freedom struggle, member, Hyderabad Pradesh Congress Cttee, was Pres All India Aero Workers Federation and N S Railway Employees Union and Tandur Collieries Workers Union *Publications* A book on Hyderabad political reforms in 1946 *Recreation* Bridge *Club* Hyderabad Boat Club *Address* 215/6 A Himayatnagar, Hyderabad Dn

RAM CHANDRA, M A (Punjab), B A (Cantab), M B E (1919), C I E (1938) Ex Chairman, Public Service Commission Punjab (India) *b* 1st March 1889 *Educ* Government College, Lahore, Trinity College, Cambridge Joined I C S, 1913, Assistant Commissioner and Deputy Commissioner in several districts in the Punjab, Colonisation Officer, 1915, Under Secretary to Punjab Government, 1919, Settlement Officer, 1921, Director of Land Records, 1924, Secretary to Punjab Government, Transferred Departments, 1926, Deputy Secretary, Joint Secretary and Secretary to the Govt of India, Department of Education Health and Lands, 1928 36, Finance Secretary to Punjab Govt, 1936 37, Commissioner 1938 39, Secretary to Punjab Govt, Medical and Local Govt Departments, 1939 41 Chief Controller of Imports, Govt of India 1941 44 Leader of Indian Cotton Delegation to Egypt, 1943, Secy to Govt of India Commerce Dept, 1944 45, Secy to Govt of India, Defence Dept, 1945 46, Financial Commissioner Punjab 1946 48 *Address* Forest Hill Simla E

RAM, Chandrika, M A, B L M I A Parliamentary Secy Bihar since Oct 1952 *Advocate*, Patna High Court, President Bihar Provincial Depressed Classes League Patna *b* July 7, 1919 *s* of Babu Jiten Ram and Shrim Guljari Devi *m* Shrim Prem Kumari Devi (Deceased) Shrim Uma Kumari, *d* of Ganesh Prasad, Supdt L S G Dept, Bihar Govt *Educ* Bijapur U P School, Bhoro Middle School, Gorlakothi High School, 1935 42, Patna Coll, Patna Univ Joined the national movement Aug 1942 Under Secy, Bihar Industry Assoc Patna, 1944, member Provincial Harijan Sevak Sangh and Harijan Edn Board for Bihar 1944 45 nominated M I C (Bihar) 1946, elected to the Constituent Assembly of India 1946, elected to Parliament, 1950 member Bihar Harijan Enquiry Committee & Upliftment Board Government of India for Scheduled Tribes and other Backward Classes member, Bihar Enquiry Committee for Agricultural Labour, Central Wages Board Government of India, Secy, Bihar P C C since June 1952 *Publications* A *plan for Harijans*, *Harijans in Bihar* *The Coming Election*, etc *Recreations* Gardening Volley ball, Photography *Addresses* Village Mahuawa, Bijaipur P O, Dist Saran Bihar, 5/12 R Block, Patna

RAM, Jagjivan, B Sc, Communications Minister, Govt of India, since May 1952 *b* April 1908, *Educ* [illegible] Hindu Univ, Calcutta Univ, [illegible] Took active interest in the uplift of Depressed Classes early in life, Provincial Secy, Harijan Sevak Sangh, 1933, Pres, All India Depressed Classes League, 1936-46, nominated Member Old Legislative Council, Bihar, 1936, Parliamentary Secy, Bihar, 1937 39, Secy, Bihar P C C, 1940 46, jailed, 1940, released Oct 1943 on medical grounds, leader of Indian Delegation to



the I L O Conference Geneva June 1947 elected Chairman Preparatory Asia Regional Conference of the I L O held in New Delhi, Oct Nov 1947 member, Working Cttee, A I C C, 1948 51, Leader, Indian Delegation to 33rd Session of A L O Conference, June 1950 and unanimously elected Chairman of the Conference, Member, Central Parliamentary Board A I C C since 1950 Member Central Election Cttee 1951 sponsored many bills to better the condition of industrial workers and the following have since been placed on the Statute book Mica Mines Labour Welfare Fund Act 1946, Industrial Disputes Act, 1947, Indian Trade Union (Amendment) Act 1947, Dock Workers (Regulation of Employment) Act, 1947, Employees State Insurance Act, 1948 Minimum Wages Act 1948 Labour Plantation Act 1951 ordered an inquiry into conditions of Agricultural Labour to consider what protective and ameliorative measures should be undertaken to improve their condition, Labour Minister, Aug 1946 May 1952 *Address* 3 Queen Victoria Road New Delhi

RAM, Shobha, M A LL B, M L Ex Revenue Minister United State of Rajasthan Treasurer Rajasthan P C C Gave up legal practice and joined active politics 1942, observed 17 days fast in sympathy with Mahatma Gandhi s fast 1943, Pres Alwar Raj Prajamandal for 4 years, keenly interested in constructive work of the Congress recently started Gandhi Vidyalaya at village Harsana to impart basic education and to give an impetus to constructive work and Khadi production, member Rajputana Regional Council, Council of the All India States Peoples Conference, 1946 47 and 1947 48, Rajputana Provincial Congress Cttee, A I C C, Adviser to the Alwar State Govt and subsequently Chief Minister, United State of Matsya *Address* Alwar Jaipur

RAM, Sir Shri, Managing Agent, Jay Engineering Works Ltd, Bengal Potteries Ltd *b* 1884 Director, Central and Local Boards of the Reserve Bank of India, Delhi, Central Electric Power Authority Ltd, Madan Mohan Lall Shri Ram & Co Ltd Chairman Kirloskar Oil Engines Ltd, Delhi Cloth & General Mills Co Ltd, Member Textile Advisory Cttee, member, Trade Mission to Afghanistan, 1934, past President and member, Executive Cttee of Federation of Indian Chambers of Commerce and Industry, International Chambers of Commerce and All India Federation of Industrial Employers, Chairman, Reception Committee, Inter-Asian Relations Conference, 1947, Chairman, Industrial Finance Corporation of India, member, Board of Scientific and Industrial Research and Chairman of its Cttee, Chairman, Governing Bodies and Trusts of the Indraprastha, Ramjas and Hindu Colleges, Food Adviser to the Govt of India, member Standing Cttee, Industries Conference *Address* 22, Curzon Road New Delhi

RAMACHANDRAN, S G, B A (Madras), Under Secretary Ministry of Commerce & Industry, Govt of India *b* Feb 24, 1913, *s* of late S S Gopalakrishnan, Asstt Headmaster, Basel Mission Christian Coll, Calicut, *m* Sow R Shantha, B A, *d* of Rajamantrapravina A V Ramanathan, B A, Retired Dewan of Bharatpur, one *s* and one *d*, *Educ* Bishop Heber Coll, Trichinopoly *Auxiliary Secy* to the French Trade Commissioner in India Burma & Ceylon 1933 36, Asstt, Gramophone Co Ltd, Dum Dum, 1936-39, joined Dunlop Rubber Co Ltd, Calcutta, in 1939, was Asstt District Manager, Bangalore till 1943, Asstt Rubber Purchase Officer and ex Officio Asstt Controller of Rubber to the Govt of India, 1943 45, Rubber Purchase Officer, 1945-46, Deputy Director (Co ordination) Directorate General of Industries and Supplies, 1946 48, Under Secretary, Ministry of Industry & Supply, 1948-49 Agent of the Govt of India in Malaya *Recreations* Football, Volley Ball, Basket Ball, Tennis, etc *Hobbies* Photography, Classical Music *Club* Kuala Lumpur Flying Club *Address* Ministry of Commerce & Industry, Govt of India, New Delhi

RAMAMURTI, P, B Sc Secretary, Communist Party Tamilnad Provincial Cttee, member Political Bureau, C P I *b* Sept 20 1909, *s* of Panchapakesa Iyer, Vepathur (Tanjore Dt) *Educ* Banaras Univ and Presidency Coll, Madras Courted Jail in 1930 32 Congress Movement, political worker, ever since was in the executive of the Tamilnad Congress Socialist Party, 1935 39 member, A I C C for about 4 years, Working Cttee member A I T U C, a top ranking Trade Union leader in Madras State, is an orator, went to I L O Conference on behalf of A I T U C 1946 *Publications* *Kandal Deepavali* (on cloth famine, in Tamilnad) *O* *Letter to Kumarasami Raja* *Add* [illegible] Street Royappetta Madras

RAMAN, Bangalore Venkata, F R A S (1947), M R A S (1940), Editor Raman Publications Bangalore *b* Aug 8 1913, *Educ* Passed Matric 1928, underwent training in Astronomy and Astrology under Prof B Suryanarain Rao, Central Coll Bangalore Started Raman Publications for publishing books on Indian Culture and Astrology, 1936 restarted The Astrological Magazine 1936, conferred the dignity of Doctor of Science (Honoris Causa) by the Academie et Universite Internationale 1947 has toured widely all over India, has written a number of books in English on Astrology, Astronomy etc some of which have been translated into German and French Has made several successful predictions in the pages of The Astrological Magazine about national and international events presided over the Jyotishya Sammelna of the Agamatraya Conference, Bangalore 1950 *Publications* Books in English on Astrology Astronomy etc some of which have been translated into German & French *Recreations* Lawn Tennis and Gardening *Address* Sri Rajeswari 115/1 New Extension, Seshadripuram Bangalore 3



RAMAN, Sir Chandrasekhara Venkata, Kt M A, Hon Ph D (Freiburg) Hon LL D (Glasgow), Hon D Sc (Paris), and Bordeaux F R S, Nobel Prize for Physics (1930) Franklin Medallist of the Franklin Institute, Philadelphia, Corresponding member, Soviet Academy of Sciences (1947), Foreign Associate, Paris Academy of Sciences (1949) *b* Nov 7, 1888, *m* Lokasundarammal, *Educ* A V N College, Vishakapatnam and Presidency College, Madras Officer, Indian Finance Dept, 1907 17, British Association Lecturer (Toronto), 1924 Research Associate, California Institute of Technology, 1924, Mateucci Medallist, Rome, 1929, Hughes Medallist of the Royal Society (1930), Hon Fellow, Zurich Phys Soc, Royal Hungarian Acad, Royal Irish Acad, Chinese Phys Soc, Royal Phil Soc Glasgow, Optical Society of America, Franklin Institute, Societe Philomathique (Paris) President, Indian Academy of Sciences 1934 National Research Professor of Physics, 1949 *Publications* *Molecular Diffraction of Light*, *Music Instruments* and numerous scientific papers in Indian, British and American Journals *Address* Director, Raman Research Institute, Hebbal, Bangalore



RAMAN, Radha, M P Ex President Delhi Pradesh Congress Cttee active in Education Politics *b* August 4 1904 *s* of Joti Prasad, Retired Station Master, *m* Shrimati Kaushalya Devi, one *s* Ajai Kumar, *Educ* Jamia and Commercial College Founder Nation s League of Pen Friends and Young Folks Brotherhood, Founder & Editor of the Magazines, now defunct, Children s News & C N Fortnightly, has been an active participant in all progressive movements national and international Women s movements Boy Scouts Theosophical Society Rotary Club Foreign Relations Society Indian Council of World Affairs All India Children s Assoc [illegible] Youth League and Congress *Publicat*[illegible]*ns s News and Pen Friendship* [illegible] writes books and pamphlets *Recreations* Badminton and Volley Ball *Clubs* National Club Constitution Club, Rotary Club *Address* Nai Sarak Delhi

RAMANLAL, Seth Natvarlal, Mill Agent *b* March 17 1914 at Ahmedabad *s* of Seth Ramanlal Lallubhai, *m* Smt Indumati two *s* *Edu* Ahmedabad Commenced business career after completing studies took training under his father Seth Ramanlal Lallubhai in the Vikram Mills Ltd Ahmedabad travelled extensively in India Ceylon China Singapore Japan etc to acquire experience of textile industry Dir of several mills and joint stock companies member Advisory Cttee Hindustan Mercantile Bank Ltd *Clubs* Oriental Club Ahmedabad Cricket Club of Ahmedabad Ahmedabad *Address* [illegible] Ahmedabad



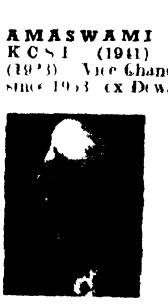
RAMANUJACHARI, R, M A (Madras) Professor & Head of the Dept of Philosophy Annamalai Univ, since 1932 *b* Dec 6, 1902 *s* of N Rangachari and Ranganayaki, *m* Janaki, four *s* and three *d* *Educ* Presidency Coll Madras Chief Lecturer in Philosophy Sri Minakshi Coll, Chidambaram, 1924 29 joined the staff of the Annamalai Univ 1929 *Publications* *Siddhitraya of Yamunacharya*, with English translation *Nitimala of Narayanarya* with translation *Educational Psychology* (Tamil) *Bhavanopanishad*, etc *Recreations* Bridge *Club* Staff Club *Address* Annamalainagar P O

RAMANUJAM, K R, [illegible] (Civil) Ex General Manager Southern Railway Madras *b* May 15 1898 *s* of K R Ramaswami Aiyangar, I E S (Retd), *m* Smt R Pankajam, one *s* and two *d*, *Educ* Presidency & Engineering Colleges Madras Joined the old M & S M Rly, 1922 after working at several stations as Assistant & District Engineer, was appointed Deputy Chief Engineer 1947, General Manager, S I Rly, 1949 51 *Recrea*[illegible] [illegible]nnis *Club* Cosmopolitan Club M[illegible] C/o Southern Railway, Madras

RAMASWAMI, Perier, E V, Life President, Dravida Kazhagam *b* 1878, *m* Miss Kanthimathi Ammal *alias* Maniyamayar, Editor Viduthalai, July 9 1949 Ex Chairman, Municipal Council, Erode, ex President, Taluk Board, Erode, was President Tamil Nad Congress Cttee, successfully led Vaikkam Satyagraha as a result of which untouchability and un approachability came to be ab[illegible] Travancore State jailed about 13 [illegible] political and social reasons, left the Congress 1925 fights for eradication of all social evils in general through his Self Respect Movement and his Tamil papers *Kudi Arasu* and *Viduthalai* and *Revolt* (English), toured Malaya in 1929, toured the Continent, England and Russia in 1931 particularly to study Communism, started Rational Books Publishing

Co and has published more than 100 books of criticism on God, Religion and Superstition including 10 volumes under the title Vulgarities in Ramayana founded Dravidian Federation and its ally Black Shirt Volunteer Corps *Address* Erode Madras

RAMASWAMI AIYAR, Sir C P, K C S I (1941) K C I E (1925), C I E (1919) Vice Chancellor *Annamalai* Univ since 1953 ex Dewan of Travancore Fellow of



Madras University *b* Nov 12, 1879, *only s* of late C R Pattabhi Ramayyar, Vakil, High Court and afterwards Judge, Madras City Court, *m* Sitammal, *g d* of C V R Sastri, the first Indian Judge in Madras three *s*, *Educ* Wesleyan High School, Presidency College, and Law College, Madras Joined the Madras Bar, 1903, and led the original side soon afterwards enrolled specially as an Advocate, 1923 Fellow of University, 1912 member of Madras Corporation, 1911, served on many committees, member, Indian National Congress and was its All India Secretary 1917 18 Madras Delegate to Delhi War Conference Trustee, Pachayappa s College Trusts, 1914 19, gave evidence before the Southborough Commission on Indian Reforms and the Meston Committee on Finance, also before Mr Montague and Lord Chelmsford, gave evidence in London before the Joint Parliamentary Committee on Indian Reforms, 1919, University Member of Legislative Council, Madras 1919, member of Committee to frame Rules under Reforms Act, 1919 member of Legislative Council under Reformed Constitution for Madras, 1920, Advocate General for the Presidency, 1920, one of the Indian representatives at the Assembly of the League of Nations at Geneva, 1926 and 1927 Rapporteur to the League of Nations Committee on Public Health, 1927, Law Member of Madras Government 1923 28, Vice President, Executive Council 1924, resigned membership of Madras Government March 1928 and rejoined the Bar April 1928 delivered the Sri Krishna Rajendra University Lecture at Mysore, 1928 represented the State of Cochin before the Butler Inquiry Committee, 1928, member of the Sub Committee to draft constitution for uniting British India and the Indian States in a Federation, 1930, Delegate to the Indian Round Table Conference and member of the Federal Structure Committee of the R T C, 1931 Acting Law Member Government of India 1931, Legal and Constitutional Adviser to the Government of Travancore, member, Consultative Committee of the R T C delivered the Convocation Address of the Delhi University, 1932, Tagore Law Lecturer, Calcutta University, 1932 Acting Commerce Member of the Government of India, 1932, Chairman of the Committee appointed by the Chamber of Princes to consider the White Paper, 1933 member, Joint Select Committee of Parliament on Indian Reforms, 1933 Delegate to World Economic Conference, 1933 drafted a new constitution for Kashmir, 1934, member, Government of India Committee on Secretariat Procedure, 1935, Dewan of Travancore 1936 47, conferred the title of 'Sichivothama' by His Highness the Maharaja of Travancore, was instrumental in implementing the Temple Entry Proclamation of His Highness, 1936, Chief Commissioner, Travancore Boy Scouts Association, 1937, Vice Chancellor, Travancore University, 1937, was elected a Fellow of the Royal Society of Arts London, 1937 was conferred the Degree of Doctor of Laws by the Travancore University, 1939 delivered the convocation address of the Osmania University, Hyderabad, 1942, appointed Member for Information in the Governor General s Executive Council Aug 3 1942 resigned on Aug 20 1942, re appointed as Dewan of Travancore, Aug 28, 1942 Chairman, Indian Rubber Production Board Nov 1942, Chairman, Travancore Steam Navigation Co, 1944 Member of the Govt of India Post war Reconstruction Cttee and of the Central Board of Education, 1944 President 1st South India Brahmana Conference, 1946 represented the Indian States before the British Parliamentary Delegation and the Cabinet Mission 1946, member, Negotiating Committee on behalf of the States under the Cabinet Scheme was invested with the rank and title of Lieutenant General of the Travancore State Forces by His Highness, relinquished Dewanship of Travancore, August 1947, visited the U S A on a lecturing tour and later travelled in South America, Australia & New Zealand in 1948 Delegate, East & West Philosophy Conference Honolulu, 1949 (May & June) India, America Conference, Delhi 1949 Pres Nilgiri Rotary Club, 1948 President, Nilgiri Rotary Club 1949, delegate to the International P L N Congress at Edinburgh, 1950, visited Industrial and Univ Centres in Great Britain under the auspices of the British Council, Aug Oct 1950 and thereafter toured Europe Indian delegate to the P E N Congress at Lausanne, June 1951 at present Professor, American Academy of Asian Studies in California lectured in Yale, Stanford and other Universities in U S A elected Rotary Governor 1952 member Press Commission 1952 Vice Chancellor, Annamalai Univ 1953, attended the Commonwealth Universities Conference at Durham and Cambridge delivered Convocation addresses of the universities of Poona Annamalainagar and Agra *Publications* Contributions to various periodicals on political philosophical, financial and literary topics a selection of his speeches and writings in two volumes, a volume of essays, broadcasts and other addresses entitled *Pen Portraits* published in 1948 A second volume of essays on Religious & Cultural topics published in 1949, third volume under the title *Mysticism* and other essays published in 1950, Published Cultural Freedom and other Essays, 1950 *Recreations* Lawn tennis riding and walking *Clubs* National Liberal, Royal Automobile, Madras Cosmopolitan Ootacamund Club *Address* The Grove Teynampet, Madras 8 Delisle, Ootacamund

RAMIAH, Krishnasamy, L Ag, M Sc, Dip Agri (Cantab), M B E (1938), Rice Consultant in East and South East Asia of the Food and Agricultural Organisation, since Sept 1951 *b* May 15, 1892 *m* Janaki Ammal *Educ* Coimbatore Madras Cambridge Has been connected with Rice Research Dept of Agriculture, Madras 1914 37 the last seven years as Paddy Specialist to the Govt of Madras Geneticist and Botanist in charge of research in Cotton, Institute of Plant Industry Indore, under the Indian Central Cotton Committee, 1937 46, is a successful plant breeder in India, has toured England and Europe several times and U S A once also rice countries in S & S E Asia has been on Technical Mission sent by F A O to S fellow of all the three Academies of Sc in India Dir Central Rice Research Institute 1946 51 under F A O as Rice Breeding Consultant for S & S E Asia since Oct 27, 1951 *Publications* has published over 70 papers, mainly contributions to the genetics and agronomy of rice and cotton *Address* F A O Bangkok

RAMPUR, Maj -Gen His Highness Alijah Mukhlis-ud-Daula, Nasir-ul-Mulk, Amir-ul-Umara, Nawab Dr, Sir Syed Raza Ali Khan Bahadur, Mustaid-I-Jung, G C I E (1944), K C S I (1936), D Litt LL D, the Nawab of *b* November 17 1906, *m* Her Highness Nawab Rafaat Zamani Begum, *el d* of the late Sahibzada Sir Abdus Samad Khan, Kt, C I E, 1921, three *s* and six *d* Heir Apparent, Capt Nawabzada Syed Murtaza Ali Khan Bahadur M B E *Educ* Rajkumar College, Rajkot Ascended the *gadi* June 20 1930 Hon Col, 9/11th Jat Regiment and Hodson s Horse Pres Board of Trustees Shia College Lucknow member East India Assoc and Marlborough Club London the Royal Automobile and the Calcutta Club (India) is entitled to a permanent salute of 15 guns has been responsible for great progress in commerce industry in former State, is a Patron of the Delhi Flying Club, P G D, Grand Lodge of Scotland, P Deputy G Master of U S E I P P G W of the Grand Lodge of England Asstt D G Master, District Grand Lodge of Bengal P G Scribe N Supreme Grand Chapter of England D G 2nd Principal Northern India D G 3rd Principal Bengal, Hon Col in 1st King George s Own Gurkha Rifles *Address* Rampur (U P)

RAMPURIA, Ratanlal, Landlord *b* June 20 1926, *s* of late Seth Shobhagmalji and *g s* of Seth Hiralalji Rampuria Is a partner of Messrs Hazaremull Hiralal Calcutta managing agents of the Rampuria Cotton Mills Ltd, director of many important industrial concerns, Director Bank of Bikaner Ltd The Great India Trading Co Ltd Rampuria Bros Ltd Rampuria Cotton Mills Ltd, owns considerable landed property Calcutta and Bikaner simple in habits and is very sociable, takes keen interest in educational affairs is a prominent figure in the social, economic and political life of Bikaner Patron Rajasthan Chamber of Commerce and Life Member Asiatic Society, Bengal member, Central Cttee of the Bikaner State Chamber of Commerce *Address* Rampuria Mansions, Bikaner





RANAWAT, Mr Justice Jawan Singh, M A (Economics) LL B (Allahabad Univ), Judge Rajasthan High Court since 1950 *b* Dec 4 1902, *s* of Kunwar Randheer Singh *m* Smt Chagan Kumari four *s* and three *d* *Educ* Univ of Allahabad City Magistrate, Udaipur State, 1926 27 City Munsif 1927, District and Sessions Judge, Bharatpur and Bhilwara upto 1932 Judge, Mahad Raj Sabha Udaipur, 1936 38 Puisne Judge Chief Court, Udaipur 1938 40 Puisne Judge, High Court, Udaipur 1940 47 Chief Justice, Udaipur High Court, 1947 48 Puisne Judge High Court, United State of Rajasthan, 1948 *Address* Judge Rajasthan High Court Bench, Jaipur

RANGA, Prof N G, M P Principal, Indian Peasants Institute, Nidubrolu, inaugurated by Mahatma Gandhi in 1933 *b* Nov 7 1900, *Educ* Oxford Chief Professor of Economics and Political Science, Pachayappa s College, Madras, 1927 30, Member, Congress Working Cttee 1947 51, Pres All India Kisan ammelan, Rural People s Federation, Exiles, Andhra Provincial Congress Cttee, one of the founders of International Federation of Agricultural Producers and member of its Executive (H Q Washington) and Colonial People s Freedom Front (H Q, London) and African, Asiatic and European People's Congress (Paris), Founder, Indian Peasant Movement, member, Congress Economic Policy Cttee, Agrarian Reforms Cttee, National Labour Cttee and Hindustan Mazdoor Sevak Sangh led the Indian Delegations to the London (1946), the Hague (1947) and Guelph (Canada 1949) Conferences of International Federation of Agricultural Producers, toured extensively in Europe and

America spreading Gandhian philosophy and ideals gave a Food Plan to Govt of India on the request of Pandit Jawaharlal Nehru to achieve self sufficiency in food 1949 resigned from Congress April 1951 has formed new Party, the Bharat Krishikar Lok Party *Publications* 14 books including *Economic Organisation of Indian Villages Colonial and Coloured Peoples World Role of National Revolution, Outlines of National Revolution Peasants and Communists* and *Revolutionary Peasant Address* Nidubrolu (Post)

RANGANATHAN, Condramanicam Raghunatha, M A (Madras) M A (Oxon), I E S President Forest Research Institute and Colls Dehra Dun *b* Aug 15 1899, *Educ* Madras and Oxford Univs Served in various capacities in the Madras Forest Dept and in the Forest Research Institute and Colls, Dehra Dun *Address* 9 New Forest Dehra Dun

RANGANATHAN, Rao Saheb Shiyali Ramamritha, M A, D Litt, L T, F L A, Professor of Library Science, Delhi University, since 1947 *b* July 9, 1892, *m* Sarada, Pres, Indian Library Assoc Secy Madras Library Assoc, Member, International Library Cttee United Nations *Publications Five Laws of Library Science*, 1931, *Theory of Library Catalogue*, 1938, *Reference Service and Bibliography* 1940, *Bibliographies of Reference Books and Bibliographies*, 1941 *School and College Library* 1943 *Library Classification Fundamentals and Procedure*, 1944, *Dictionary Catalogue Code*, 1952, *Classified Catalogue Code*, 1952, *Elements of Library Classification* 1946, *Organisation of Libraries* 1946, *Preface to Library Science*, 1948, *Education for Leisure*, 1948 *Rural Adult Education*, 1949, *Library Development Plan for India*, 1950, *Library Catalogue Fundamentals*, 1950 *Library Tour, Europe and America*, 1950, *Colon Classification*, 1950 *Classification and Communication*, 1951, *Library Book Section* 1952 *Social Bibliography Social Education Literature* and other books *Address* Delhi 8

RANGASWAMI, Prof Dr S, M A, Ph D (Andhra), Dr Phil (Basle), University Professor and Head of the Dept of Pharmacy *b* June 15, 1912 *Educ* Presidency Coll Madras Andhra Univ, Waltair Basle Univ (Switzerland) Fellow of the Royal Institute of Chemistry London Fellow of the Royal Society of Arts London member the Swiss Chemical Society, Fellow of the Indian Academy of Sciences, member, Academic Council and Senate of the Andhra Univ Member, Pharmacy Council of India *Publications* Author of *Chemistry of Vitamins & Hormones* and about 60 Scientific papers in Indian and foreign journals *Address* Professor Andhra University Waltair

RAO, B Ramakrishna, B A I L B, Chief Minister in charge of General Administration, and Tenancy Hyderabad *b* Padakal village Mahbubnagar Dist, *Educ* Graduated from Fergusson Coll Poona 1921, took his I L B 1923 Set up practice at the Hyderabad Bar, 1923, was one of the Secretaries of the Hyderabad Social Conference, prepared a scheme for the expansion of the State Legislative Council as member, Hyderabad Reforms Assoc, one of the founder members Andhra Central Cttee Hyderabad Political Conference Akola, also executive member State Congress 1938 Secy People's Convention, 1937, Hyderabad Subjects League was Pres Andhra Congress for 3 years imprisoned in connection with the Quit India' movement member, Working Cttee State Congress Minister for Revenue and Education Hyderabad 1950 52 elected to the State Assembly from Shadnagar Constituency during the general elections *Address* Diksha Sombijuda Hyderabad



RAO, B Shiva, M A (Allahabad) in English Literature, M P from Madras, *b* Feb 26, 1891, *s* of Dr B Raghavendra Rao, *m* Kitty Verstaendig, *Educ* Madras and Allahabad Was on the Indian Workers delegation, I L O Conference, Geneva, 1929 30 a delegate to the Round Table Conference in London, 1930-31, A member of the Indian delegation to the U N General Assembly in 1947 48, 49 50, was member of the Indian Constituent Assembly *Publications The Industrial Worker in India* (Allen and Unwin, London, 1939) *Recreation* Tennis *Club* Constitution Club, New Delhi *Address* 4, Hardinge Avenue, New Delhi

RAO, Chandra Rajeswar, I Sc Public Worker *b* June 6, 1914 at Mangalapuram Kistna Dt Andhra *m* Smt Chandra Savitri Devi, one *s* *Educ* Hindu High School, Masulipatam Banaras Hindu Univ passed I Sc and studied up to B Sc joined Visagapatam Medical Coll 1936, discontinued 1937 Joined the Communist Party 1941 at Banaras worked in Andhra in youth and peasant movements from 1936 member of Central Cttee C P I, since 1948 General Secy, C P of India, 1950 51 *Recreations* Sports poultry keeping and animal husbandry *Address* Andhra Communist Committee Vijayawada 2

RAO, Gurty Venket, M A I E B, Professor of History and Head of the Dept of History and Politics, Andhra University *b* Jan 1896, *s* of Gurty Subba Rao and Srim Sitamma, *m* Srim Subba Lakshmi two *s* and four *d*, *Educ* Ewing Christian Coll, Allahabad (U P), Allahabad Univ Research Scholar and Lecturer Allahabad Univ, 1919-25, 1929 31 Lecturer, Reader and then Professor, Andhra Univ since 1931, practised at the Bar, Allahabad Dist Court, 1925 29 *Publications* Articles on Historical Topics in History Journals and Proceedings of the Indian History Congress *Recreation* Chess *Club* Andhra University Faculty Club *Address* Official Colony, Maharanipeta P O Vishakapatnam

RAO, Katre Seshagiri, M A (Hons) (Madras) Controller of Patents & Designs *b* Oct 21, 1898 *s* of katre Mangesh Rao late Asstt Engineer P W D, Bombay, *m* Smt Ganga Bai, one *s* and one *d*, *Educ* Govt Coll Mangalore & Presidency Coll, Madras Research Scholar of the Indian Assoc for Cultivation of Science, 1920 21, Univ of Madras Research Scholar under Sir C V Raman, Pant Professor of Physics, Calcutta Univ, 1921 23, joined Patent Office Govt of India, 1923 *Publications* Research papers on optics in Philosophical Magazine, London *Address* 214 Lower Circular Road Calcutta 17

RAO, L Rama, M A, F G S F A Sc F N I Retired Professor and Head of the Department of Geology Univ of Mysore, Principal, Central College, Bangalore *b* April 1896 *s* of L Raghavendra Rao, *m* Mrs L Seetha Bai, one *s* and three *d*, *Educ* Central Coll Bangalore On the staff of the Geology Dept, Central Coll, Bangalore Professor 1934 *Publications* About 50 research papers on the geology of the Cretaceous & Eocene rocks of India *Recreations* Tennis Billiards *Address* Shantiniketan, Basavangudi P O Bangalore City

RAO, Mosalikanti Thirumala, ex Deputy Minister for Food and Agriculture, Govt of India *b* Jan 29 1901, *s* of Bayanna Pantulu and Srim Ramanamma of Kakinada, *m* Srim Narasubayamma one *s* and two *d*, *Educ* Pithapur Raja's Coll Kakinada Has been an active public worker since 1921, is a Congressman, first elected to the Central Legislative Assembly 1937, elected to the Council of State, 1945 Member, Constituent Assembly went to England and the Continent as a Parliamentary delegate to the Commonwealth Conference, Oct 1948, interested in journalism, Member, Standing Cttees of Parliament for External Affairs and Railways, Chairman Grain Procurement Enquiry Cttee of the Central Govt, takes active interest in the work of the Legislature, Member, Literary Assocn Kakinada, Dy Min Food and Agri, Govt of India, 1950 52 *Club* Constitution Club, New Delhi *Address* Gandhinagar, Kakinada

RAO, Pandurangi Kodanda, M A (Hons) (Madras) Senior member, Servants of India Society, Madras Branch *b* Dec 25, 1889, *m* Miss Mary Louise Campbell Poland, Ohio, U S A, *Educ* Presidency Coll Madras Lecturer in Botany, Central Coll Bangalore, 1915 21, Private Sec to Rt Hon V S Srinivasa Sastri in India, England and South Africa, 1922 32, Editor, *Servant of India*, Poona, Carnegie Scholar, Yale Univ, U S A, 1934 35, World Study Tour, 1934 37, Seminar, Conference on Education in the Pacific, Honolulu, 1936, Senate Academic Council and Executive Council, Nagpur Univ, 1939-42 and 1948, Govt of India Deputation to Malaya, 1946, Adviser to India's Delegate to the Permanent Migration Cttee of the I L O, Montreal, Canada, 1946, Secy Society for the Elimination of Beggary Nagpur, M P, 1940 48, Vice President, Indian Council of World Affairs, New Delhi, Secy Bangalore Branch since 1950 Indian Conference of Social Work, Bangalore, member Govt of India's Deck Passenger Cttee, 1950, member, Prohibition Enquiry Cttee, Govt of Madhya Pradesh, 1951 Member Mysore Educational Reforms Cttee 1952 53 *Publications Malabar Tenancy Problem East Versus West Denial of Contrast Culture Conflicts Cause and Cure Technical Education and Industrial Development in America Some Aspects Address* Servants of India Society, Basavangudi, Bangalore 4

RAO, Raja, Writer *b* Nov 21 1909 *s* of Professor H V Krishnaswamy, Hyderabad, Deccan *m* Madame Camille Mouly, Professor of French Girls Coll, Menton France, *Educ* Madrasai Aliya Hyderabad (Dn), Nizam Coll, Hyderabad (Dn), Univ of Montpellier and the Sorbonne, Paris *Publications Kanthapura Cow of the Barricades* (Oxford Univ Press) *Address* 138, Walkeshwar Road Malabar Hill Bombay

RAO, Raja J Rameshwar, M A (Hons) (Madras) Raja of Wanaparthy Commissioner for the Govt of India in British West Africa *b* Feb 6, 1923, *s* of Raja Krishna Deo Rao and Rani Sraladevi *Educ* Jagirdars Coll, Hyderabad Dn Nizam Coll, Hyderabad Dn Madras Univ Administered the Wanaparthy Samasthan 1944 49 brought in Village Panchayat, democracy and land reforms in Wanaparthy State under Gandhiji's advice enacted a new constitution based on decentralised democracy as approved by Gandhiji State merged in 1949 joined diplomatic service, 1950, First Secy, Indian Commission at Nairobi East Africa, Dec 1950 to Aug 1952 *Recreations* Cricket, Tennis Hunting *Club* Secunderabad Club *Address* Ramsagar Palace Wanaparthy, Hyderabad State Accra Gold Coast

RAO, R Vyas, Industrialist and Senior Partner My Industrial Development Co *b* Oct 1881, *Educ* Graduated in Geology from the Central Coll Bangalore 1904 Prospector Peninsular Minerals Co Ltd Bangalore, discovered the Sindu valli chrome ore deposit near Mysore and also the manganese ores of Chikkanayakanahalli band at Sinduvalli Karekurchi etc joined Tata & Sons 1906 proved the value of Gurumaisini and other iron ore deposits of Mayurbhanj also of Joda ores in Keonjhar and Bastar iron ores prospected

Founder



and proved the value of Bhutaud group of coal properties in Jharia proved the magnesite deposits of Dodkanya near Mysore and the coal of Kurasia and Chirimuri in Madhya Pradesh (1905 1916), Industrial Geologist to the Govt of Mysore (1917 20) worked out a scheme for the manufacture of porcelain insulators, as Consulting Geologist to Messrs Dalchand Bahadur Singh (1920 35) proved the Jhagrakhand coal properties and the coking coals of Sardih and Katkona (Jhilimilli Field) in Madhya Pradesh, discovered and proved the valuable Bauxite deposits west Belgaum and Kolhapur founded the Mysore Industrial Development Co 1937 floated the Mysore Stoneware Pipes and Potteries Ltd Consulting Geologist for the Jhagrakhand Collieries Ltd and General Consultant *Address* Sh Kutcera, No 122 Central Leat Chamarajpet Bangalore

RAO, T V Ramakrishna, M A (Madras) Ag Agent of the Govt of India in Malaya since Sept 1951 *b* May 17 1916 at Masulipatnam, *s* of T S Prakasa Rao of Vijayavada Krishna District, *m* Sow Satyavati Devi, *d* of M Gopalaswamy of Vijayavada two *s* and two *d*, *Educ* Hindu High School, Vijayavada Pachaiyappas Coll, Madras Asstt Agent Govt of India in Malaya, 1947 51 *Recreations* Football, Volley ball Basket ball Swimming *Hobby* Photography *Address* Government of India Kuala Lumpur

RAO, Vijayendra Kasturi Ranga Varadaraja, M A (Bombay) B A Ph D (Cambridge) Univ Professor and Director, Delhi School of Economics, Univ of Delhi since 1942 *b* July 7, 1908, *s* of K Kasturiranga char, *m* Pramila *d* of D R Balaji Row, one *s* and two *d*, *Educ* Wilson Coll, Bombay Gonville and Cains Coll Cambridge Principal and Professor of Economics, L D Arts Coll Ahmedabad (1937 42) Director of Statistics and subsequently Planning Adviser, Food Dept, Govt of India (1944 46), Food Adviser to Indian Embassy Washington (1946 47), Chairman, United Nations Sub Commission on Economic Development (1947 1948, 1949, 1950), Corresponding Member Institute de Science Economique Appliquee, Paris, since 1948, member, Governing Council, International Assoc for Research in Income and Wealth (1947 51), Correspondent, Royal Economic Society in India (1950 55) Pres, Indian Economic Association (1949) *Publications Taxation of Income in India An Essay on India's National Income* 1925 29, *The National Income of British India*, 1931 32 *War and Indian Economy Post-war Rupee*, *Recreation* Walking *Club* University Club, Delhi *Address* 10 Cavalry Lines Delhi 8

RAO, Vyakarana Narahari,* M A (Honours), C S I (1946), C I E (1937) Comptroller and Auditor General of India *b* July, 1893, *s* of Vyakarana Narasimhasastr of Mysore, *m* *d* of Shamasastri of Madhugiri, two *s* *Educ* Govt High School Tumkur, Central Coll, Bangalore Presidency Coll, Madras, awarded the Arni Gold Medal for Physics by the Madras Univ, 1913 and 1915 Entered I A & A S, 1917, Asstt A G and Dy A G (Posts & Telegraphs), 1917 23 Officer on Special Duty and Under Secy, Finance Dept Madras Govt, 1923 27, Asstt Secy and Under Secy, Govt of India, Finance Dept 1927 29 in the Govt of India Foreign and Political Dept, 1929 37 in various capacities Chairman Special Cttee for investigation of financial relations between Indian States and British India culminating in the constitutional changes under the Govt of India Act 1935, 1929 37 Crown Finance Officer and Dy and later Jt Secy, Political Dept, 1937 44 Addl Secy, Govt of India, Finance Dept, 1944 45, Secy, 1946 48, leader, Indian Sterling Balances Delegation 1947 1948 Official Adviser to the Sterling Balances Delegation, May and June 1948 *Publications* A number of official publications for the Madras Govt, 1924 27 *Recreations* Tennis and Golf *Clubs* Delhi Gymkhana Club East India Association London Overseas League, London, Roshanara Club Delhi East Punjab Club, Simla *Address* 'Armsdell' Simla

RAREWALA, Sardar Gyan Singh, I x Chief [illegible] the Patiala and East Punjab Union *b* Dec 1901, *Educ* [illegible] College, Patiala Started his career as a First Class Magistrate in Patiala 1928 was attached to the Foreign Office and worked with K M Panikkar had secretarial training appointed Revenue Commissioner [illegible] Sessions Judge and then District Magistrate has been associated with a number of social and educational activities in Patiala and Punjab was Pres Shri Guru Singh Sabha Patiala for nine years founder, Rotary Club Patiala acted on a number of Committees appointed from time to time by the State administration was promoted as Revenue Commissioner 1942, later appointed as Judge, High Court of Judicature Patiala Revenue Minister 1947 nominated by His Highness as member of the Constituent Assembly elected member, [illegible] Assembly and Leader of [illegible]

RASUL, Begum K Aizaz, Member Council of States *b* April 2 1909, *d* of late Nawab Sir Zulfiqar Ali Khan *m* Nawab Syed Aizaz Rasul of Sandila (U P), M I A two *s* and two *d* *Educ* Queen Mary's Coll Lahore Convent of Jesus and Mary Simla Social work and politics member, U P Leg Council 1937 52 Deputy Pres Council 1937 41, member Constituent Assembly 1946 50 is member of various educational public health and other institutions knows Persian and French *Clubs* Sports Club of India Delhi Gymkhana Club Mohammad Bagh Club Lucknow Dilkusha Club [illegible] Boat House Club Nami Tal Mall Avenue Lucknow

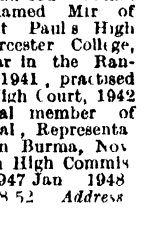
RAU, Sir Benegal Rama, Kt (1939), C I E (1930), M A (Cantab) Governor, Reserve Bank of India since July 1949 *b* Jan 10, 1889, *m* Miss Dhanvanthi Handoo *Educ* Presidency Coll, Madras and King's Coll, Cambridge Entered I C S Nov 1913, Under Secy and Dy Secy Govt of Madras, 1919 24 Secy Indian Taxation Cttee, 1925 26 Dy Secy, Finance Dept, Govt of India 1926 28, Financial Adviser, Simon Commission, 1928-30, Jt Secy, Industries Dept, Govt of India, 1930 31, Secy, Round Table Conferences and Jt Select Cttee of Parliament on India Bill, 1931 34, Deputy High Commissioner for India in London, 1934 38 Agent General and High Commissioner for India in the Union of South Africa, 1938 41, Chairman Bombay Port Trust, 1941 46, Indian Ambassador in Tokyo, 1947 48, Leader of Indian Delegation Commonwealth Conference at Canberra, 1947 Indian Ambassador in United States, 1948-49 *Address* Reserve Bank of India, Bombay

RAU, Karkal Madhava, B E D E H (Lond) A M I E E, M I E E, J P (Greater Bombay), Ex Chairman Staff Seniority Cttee Headquarters Office Northern Railway Engineering Consultant *b* June 8 1897 *Educ* Madras Univ and London Electrical Engineer Chief Electrical Engineer Central Railway Controller of Stores, Central Railway *Publications* Technical Papers *Recreation* Hiking *Clubs* Willingdon Sports Club, Rotary Club *Address* 19, Bhau Daji Road Matunga (Bombay 19)

RAU, Pendyala Satyanarayana, B A (Mad) M A (Oxon), I C S, Chairman Damodar Valley Corporation, since April 1954 *b* July 31, 1895, *m* the late Rajeshwari Rau, three *d*, Mrs Tara Venugopal, Mrs Leila Vidyasagar and Mrs Vimla Nagraj Rao, *Educ* Madras Univ and New Coll, Oxford Entered I C S, 1918 and served as Asstt Commr Madhya Pradesh and became successfully Dy Commr, Settlement Officer Settlement Commr, Commr of Excise and Inspector General of Registration, Financial Secy Director General of Food Govt of India, Commissioner, Nagpur Division 1943 45 Chairman, Provincial Industries Cttee 1945 46, Financial Commr, 1946 Chief Secy and Adviser to H E the Governor of M P, 1947 48, Regional Commr and Adviser to the Rajpramukh of Rajasthan and Dewan of Jodhpur 1948 49 Regional Commissioner and Adviser to the Rajpramukh and to the Government of Madhya Bharat 1949 52 Chairman Damodar Valley Corporation 1952 53, Adviser to the Planning Commission on Programme Administration Adviser PEPSU 1953 54 *Clubs* Gondwana Club Nagpur Tiwan Club Gwalior Yeshwant Club Indore *Address* Calcutta

RAUF, His Excellency Mohamed Abdul, B A (Hons in Jurisprudence), 1924, B C L (Oxon), 1925, called to the Bar, Middle Temple, Jan 1924 LL D (Dublin) Ambassador for India in Japan *b* 15th November, 1901 *m* Maksood Jahan Begum, *d* of Syed Mohamed Mir of Delhi & Meerut, *Educ* St Paul's High School, Rangoon, and Worcester College, Oxford Practised at the Bar in the Rangoon High Court until end of 1941, practised at the Bar at Allahabad High Court, 1942 to 1945 appointed Judicial member of Income tax Appellate Tribunal, Representative of the Govt of India in Burma, Nov 1946 Aug 15 1947, Indian High Commissioner in Burma Aug 1947 Jan 1948 Ambassador in Burma 1948 52 *Address* Tokyo

RAY, Nihar-Ranjan, M A (Cal), D Litt & Phil (Leiden), F L A (Great Britain) Bagiswari Professor of Indian Art and Culture, Calcutta University *b* Jan 14, 1904 *Educ* A M College, Mymensingh M C College, Sylhet University College, Calcutta, University College, London and Leiden University Calcutta University prizeman and gold medalist Mrinalini Research Gold Medalist, Premchand Roychand Scholar, Griffith Prizeman, Monat Gold Medalist, Calcutta University, and Government of Bengal Research Fellow in Indian Art and Archæology 1927-30, University Post-Graduate Lecturer in Indian History, Art and Archæology, 1931 44 Ghosh Travelling Fellow, Calcutta University, 1935 36 represented Calcutta University at the XIX International Congress of Orientalists, Rome, 1935, the Anglo American Historical Conference London 1936 and the International Numismatists Congress, London, 1936, President Federation of the Indian Students Abroad, Prague Session, 1936, Member, Indian National Delegation Pacific Relations Conference, 1951 Chief Librarian Calcutta University, 1937 44 Pres Bengal Library Association 1939 43 imprisoned for about a year in connection with the Congress movement of 1942, Member, Governing Body Visva Bharati, Santiniketan Member, Board of Trustees, Indian Museum, Calcutta, General Secretary Asiatic Society Calcutta, 1949 52 Vice Pres Indian Society of Oriental Art Calcutta Visiting Prof Washington Univ and Guest Lecturer at U S Univs,



*Due to vacate office in Aug 1954

1952 53 Tagore National Fellowship 1950 *Publications Brahmanical Gods in Burma Sanskrit Buddhism in Burma, Theravada Buddhism in Burma Indo Burmese Art Maurya and Sunga Art Dutch Activities in the East Rabindra Sahityer Bhumika* in 2 volumes (in Bengali) *A People s History of Bengal* (in Bengali), etc, etc *Address* The University Calcutta

RAY, Priyada Ranjan, M A P N I (1935), Hon Professor Indian Assoc for the Cultivation of Science, Calcutta *b* January 16, 1888 *Educ* Presidency College, Calcutta Professor of Chemistry City College, Calcutta (1913 18), Assistant Palit Professor and Lecturer in Chemistry, Calcutta Univ (1919 37) Khaira Professor of Chemistry (1937 45) Palit Professor of Chemistry (1946 52) President, Indian Chemical Society (1947 48), President Indian Science Congress, Chemistry Section, 1932 Co operating Editor, *Chemische Analyse* Leipzig and of *Microchimica Acta* Vienna (now defunct), member, Cttee of New Reactions of the International Union of Chemistry, Editor, Science and Culture *Publications* Articles in Indian, German and English Journals on problems of Inorganic Analytical and Magneto Chemistry *The Theory of Valency and the Structure of Chemical Compounds* Translation of Riesenfeld s Anorganish Chemisches Praktikum *Address* 50/1 Hindusthan Park, Ballygunge Calcutta

RAY, Radha Gobinda, M A (Hon) (Cal) Minister for Tribal Welfare West Bengal *b* 1891 s of late Prassaunakumar Ray *m* Smt Nirupama Ray three *d* *Educ* Bishnupur H L School Bankura Zilla School, Bankura Christian Coll City Coll, Calcutta Calcutta Univ Joined Indian National Congress 1906 Non co operation Movement launched by Gandhiji 1921 twice elected M I C, undivided Bengal resigned membership in response to the Lahore Congress decision 1929, suffered imprisonment in picketing movement, 1931 32 kept under police surveillance Chairman Reception Cttee of the Provincial Congress Conference held in Bishnupur 1938, offered satyagraha 1942 Principal Ramananda Coll, Bishnupur, 1946 52, Pres Subdivisional Congress Cttee for many years elected M L A West Bengal 1952 *Address* Minister for Tribal Welfare Calcutta

RAYMOND, V E, Manager for India Indian Life Assurance Co Ltd, since Oct 1, 1947 *b* Oct 31 1911, at Karachi, s of the late E Raymond Retired Additional Judicial Commissioner of Sind, *Educ* St Patrick's High School, Karachi, D J Sind Coll Karachi, St Xavier s Coll, Bombay Asst Secretary Indian Life Assurance Co Ltd, April 1 1940 Oct 1947 *Address* Haco House Sir Phirozshah Mehta Road Fort Bombay



REDDI, Bezwada Rama Chendra, B A M P, Land Owner and Mica Miner *b* Nov 24 1894 s of Subba Reddi and Smt Kamalamma *m* Smt Bujjamma six s and five *d* *Educ* Pachaiyappas Coll Madras Pres, Dist Educational Council 1927 29 Dist Board 1929 30 member Madras Leg Council 1923 37 Pres 1930 37 elected to the House of the People 1952 member, Economic Inquiry Cttee Godavari Kistna and Guntur Districts 1929 30 Mettur Project Cttee 1927 Land Revenue Reforms Cttee (Madras) Revenue Inquiry C



Reconstruction Cttees (Agriculture and State Food Advisory Cttees Central State and Dist I C A R Economic Sub Cttee, Central Road Traffic Board (Madras) Vice Chairman Mica Mines Labour Welfare Cess Fund Cttee Madras Pres Madras Mica Assoc, Pres Madras Chamber of Agriculture Director and Chairman Andhra Scientific Co Ltd, Masulipatnam Mica mite and Mica Products Co Ltd Gudur Director Madras Vanaspathi Ltd Madras National Chemicals Ltd Masulipatnam *Recreation* Tennis *Clubs* Cosmopolitan Club Madras Nellore Club Nellore *Address* Buchireddipalem Nellore District Andhra

REDDI, N Sankara, Ex Minister for Local Administration, Govt of Madras *b* 1890 *Educ* Pachaiyappas Coll, Madras underwent training in Swadina Vidyalaya Madras Courted imprisonment, 1940 and 1942, member Kurnool Taluk Board, 1926 Pres Dt Educational Council 1928, Taluk Board 1932, Dist Board 1935 38, Dist Congress Cttee, organised Parliamentary Election Cttee, Kurnool Dist 1935 Parliamentary Secy in Sri T Prakasam Ministry *Address* C/o Secretariat Fort St George

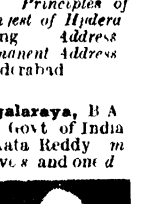
REDDY, B Gopala, Vice Chancellor Andhra University since June 1951 *b* August 5 1907 *Educ* Graduated from Visva Bharathi Santiniketan boycotted Government schools in his early age Actively connected with Congress since 1931 imprisoned several times was a member of the first Congress Ministry 1937 39 in charge of Local Administration portfolio was elected Leader of the House April 1948 Minister for Finance, Commercial taxes Elections Agencies Motor Transport and Registration Co Madras elect 4 Bucchireddipalem

REDDY, H Sitarama, ex Minister for Land Revenue and Labour Govt of Madras *b* May 14, 1900, *Educ* Pachaiyappas College, Madras and the Law College Was a member of the Indian Constituent Assembly member Bellary District Board Senate of the Andhra and Madras Universities and District Famine Cttee President District Educational Council member, Indian Central Cotton Cttee and the Indian Council of Agricultural Research Director Cuddapah Electric Supply Co and Prithvi Insurance Co member of the Governing Body of the Council of Scientific and Industrial Research of the Government of India, led the Indian Delegation to ECAFE Session in June 1948 at Ootacamund, led the Indian delegation to the I L O Industrial Cttee on Inland Transport Brussels, May 1949, led the Indian delegation to the I L O Asian Regional Conference at Nuwara Eliya, Ceylon, Jan 1950 Leader, the Indian Delegation to the I L O Conference at Geneva, June, 1951, Visited Germany and England to study Lignite mining and its oxidation on behalf of the Govt of Madras July 1952 *Address* C/o Secretariat Madras

REDDY, Konda Venkat Ranga, Minister for Revenue Excise and Forests Govt of Hyderabad Advocate *b* Dec 10 1891, s of Chinna Reddy *m* Smt Tungabhadramma seven s and four *d* *Educ* Private Schools Normal School Hyderabad, passed the Law Exam conducted by the High Court Practised law in one of the founders of Andhra M started in the State 1923, Pres Andhra Mahasabha 1937 42 was on the Working Cttee, Andhra Mahasabha as Treasurer Member etc has taken active interest in the organisation and management of libraries hostels educational and cultural institutions M I C Hyderabad 1947 49 initiated a number of important measures including the Abolition of Forms localisation of interest

children to inheritance removal of untouchability, Hindu women s rights to property, etc joined freedom movement as a whole time worker 1946 was associated with the Andhra Mahasabha till its merger with the Hyderabad State Congress, courted jail in connection with the freedom struggle launched by the Hyderabad State Congress 1948, Pres, Telangana P C C 1950 52, is on the Executive Cttee of the Pradesh Congress M P Aug 1950 Feb 1952 elected M L A Hyderabad from the Shahabad Constituency was on the Managing Cttees Andhra Vidyalaya Andhra Girls High School Reddy Hostel Vemana Andhra Bhasha Nilayam, is associated with a number of other Andhra institutions was Founder Vemana Andhra Bhasha Nilayam was its Pres for a number of years was Pres, Hyderabad State Riyaya Jagir Assoc *Publications Principles of Jurisprudence* and *Criminal Digest of Hyderabad* *Recreation* Gardening *Address* Himayatnagar Hyderabad *Permanent Address* Sadan Peelkhana Hyderabad

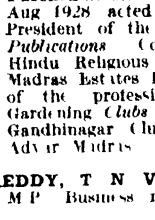
REDDY, Kyasambally Chengalaraya, B A B L Minister for Production Govt of India *b* May 4 1902 s of B Venkata Reddy *m* Sreemathi Sarojamma B A, five *s* and one *d* *Educ* Pachaiyappas Coll, and Law College, Madras Pres, Mysore Peoples Federation, 1935 37 Pres, Kolar Dist Board 1933 37 was for some time Editor of *Janasvam* effected a coalition of the Peoples Federation with Mysore Congress, Oct 1937 Pres, Mysore Congress, 1937 38, and 1946 47 was in carcerated four times went to England and the Continent as representative of the All India State Peoples Conference and Miners Conference to attend the International Miners Conference 1946 elected Pres, Mysore Congress and successfully launched Satyagraha for the establishment of Responsible Govt in Mysore elected Leader of the Assembly thrice since 1947 and was Chief Minister 1947 52 was member Indian Constituent Assembly 1947 50 elected again to the State Legislative Assembly in 1952 member Council of States Ex Cttee, All India States Peoples Conference 1944 45 Working Cttee Mysore Congress since 1937 Pres Rashtrabhasha Prachar Samiti of Wardha Delhi Centre since 1952, Founder Member Delhi School of Economics *Address* Kyasambally Village, P O, Via K G F Mysore State, S India, 9, Queensway, New Delhi



REDDY, Neelam Sanjiva, Deputy Chief Minister Andhra State Since Oct 1953 *b* May 19 1913 s of Neelam Chinnapa Reddy *m* N Nagarathnamma, two *s* and three *d* *Educ* early education at Adyar (Madras) higher education in the Arts Coll, Anantapur Discontinued his studies and joined the Congress movement elected Secy, Andhra Provincial Congress Cttee, 1938 46 convicted and imprisoned for 6 months in connection with the Satyagraha movement, Dec 1940 arrested again after his release, was transferred to the Vellore Jail as a detenu released March 1942, imprisoned, 1945, after release activities and was became Secy, P C C on lifting the ban on Congress, elected M L A Madras 1946 has been Secy, Madras Congress Legislature Party, elected to the Constituent Assembly, 1947, was associated with voluntary Prohibition work carried on in villages in Anantapur Dist from 1921 Minister for Prohibition, Housing and Forest, Madras till April 1951, when he resigned and was elected Pres A P C C, President Andhra Provincial Congress Cttee 1951 53, member Congress Working Committee *Recreations* Hockey Kurnool

REDDY, Mr Justice P Chandra, [illegible] Judge High Court Madras since July 1949 *b* July 1 1904 *s* of Malla Reddy and Smt Subbamma *m* Smt Venkataramanamma *d* of late Dewan Bahadur C Veeraswamy Reddy District & Sessions Judge Madras one *s* and two *d* *Educ* V R High School Nellore Pachaiyappa's Coll Madras Law Coll Madras took law degree 1927 Enrolled as an Advocate Madras High Court Aug 1928 acted as Crown Prosecutor, 1946 President of the Republican Art Theatres *Publications* Commentary on the Madras Hindu Religious Endowment Act and the Madras Estates Land Act in the early years of the professional career *Recreation* Gardening *Clubs* Madras Cosmopolitan Club Gandhinagar Club *Address* Gandhinagar Adyar Madras

REDDY, T N Viswanatha, B Sc (Hons), M P Business man and Agriculturist *b* July 1 1919, *s* of late T N Ramachandra Reddy *m* Smt Pushpavenl one *s* and two *d* *Educ* Loyola Coll and Christian Coll Madras took B Sc (Hons) 1942 Took to business and Agriculture *Recreations* Tennis Cricket Bridge and light literature *Clubs* Indian Union Club, Madampalli Masonic Lodge Chittoor *Address* Thamballapalli Chittoor Dist Andhra



REGE, Dattatraya Vaman, B A (Cantab) Bar at Law, I C S (Retd) Chairman Public Service Commission Madhya Bharat *b* Sept 18 1897 *m* Miss Ambutai Telang *Educ* Elphinstone College Bombay, Deccan Coll, Poona and Fitzwilliam Hall Cambridge obtained double first class in Oriental Languages Tripos Entered I C S, 1921 held charge as Dy Commsnr of various districts, *e g* Nimar, Bilaspur, Buldana Akola established Lady Butler Hospital for women and children at Khandwa and Jubilee Memorial Hospital for women and children, Khamgaon Chairman, Labour Investigation Cttee Govt of India, 1944 46 Commissioner, Jabalpur Division, M P, 1946 48, Chief Commissioner Mayurbhanj, Nov to Dec 1948, Adviser for Orissa States, Jan to June 1949, Chairman, Labour Investigation Cttee, Hyderabad, July to Dec 1949, Regional Commissioner and Adviser Saurashtra 1950 52 *Publications* Reports on Labour conditions in Plantations, Dockyards Mineral Oil Bidi Cigar and Cigarette Industries etc *Address* Jaivihar, Gwalior

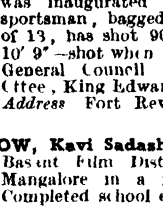
REID, H E Mr Escott Meredith, B A (Toronto) M A (Oxon), High Commissioner for Canada in India *b* Jan 21 1905 *s* of the Rev A J Reid Toronto Ontario Canada *m* Ruth Herriot three children *Educ* Universities of Toronto and Oxford National Secy Canadian Institute of International Affairs 1932 38, Department of External Affairs Canada since 1939 *Address* 4 Aurangzeb Road New Delhi

RENU, Ladli Nath, M A (Celtics) Dip S S A 1940 Development Officer Small Scale Industries Directorate Govt of India *b* Dec 31, 1914, *s* of Raghubar Dayal, *m* Smt Indra Renu (*nee* Bellimal), *Educ* Meerut upto High School, Univ of Allahabad Tata Institute of Social Sciences Bombay Secy Industrial Co operatives Organising Cttee Bombay Provincial Industrial Co operative Assoc Ltd Bombay member Sub Cttee on Small Scale & Village Industries set up by the Economic Programme Cttee of the A I C C *Publications* Wrote and edited many articles and pamphlets on Industrial Co-operatives and Cottage Industries in Hindi and English *Address* Development Officer, Small Scale Industries Directorate Development Wing Shahjahan Road New Delhi

REWA: His Highness Bandhawesh Maharajadhiraja Martand Singh Ju Deo Bahadur, Maharaja of *b* 1923 *m* the *d* of His late Highness Maharao Shri Vija Raj Singh Ji Sawai Bahadur of Kutch, August 23, 1943, *Educ* Daly College, Indore, Mayo College, Ajmer received training at the I C S Probationers Course Dehra Dun, 1942, Administrative training in Mysore for over a year Ascended the *gadi* Feb 7, 1946, was invested with full ruling powers, April 1, 1946, acceded to the Indian Union, Aug 1947, agreed to the formation of the United State of Vindhya Pradesh consisting of Rewa and thirty-four Bundelkhand States, Feb 1948 unanimously elected Raj Pramukh when Vindhya Pradesh was inaugurated April 1948, is a keen sportsman, bagged his first tiger at the age of 13, has shot 90 tigers—the record being 10' 9"—shot when he was only 13, member, General Council Daly College Managing Cttee, King Edward Medical School Indore *Address* Fort Rewa (Vindhya Pradesh)



ROW, Kavi Sadashiv Jagannivas, Partner Basant Film Distributors Bombay *b* at Mangalore in a family of poets *Educ* Completed school education at the early age of 15 had special interest in his pet subjects science mathematics and electricity started career as a stenographer, came to Bombay and took a job with a film distribution organisation, 1940 opened his own distribution concern in partnership with Mr Homi Wadia, June 1946 has been on the Executive Cttee of the Indian Motion Picture Distributors Assoc for the last several years takes keen interest in the activities of the Assoc, is a man of multiple activities and works during his spare time for social and welfare organizations, is on the Managing Cttees of a number of such institutions studies mechanics science photography and electronics during leisure has built up a small library of books on these subjects is an amateur cine and still photographer, has a large collection of films and photographs both colour and black and white with a wide range from a flying bird to a steady rock has been experimenting on 16 mm colour with a view to enlarging its scope in the country, ambition is to write and produce pictures which would put Indian films on world market, entered the production field March 1953, completed his maiden venture in 4 months time always takes pains to carry out his plans according to schedule has earned a name for himself as a front rank producer *Address* Basant Film Distributors 2 C A D Naz Lamington Road Bombay 4



ROWJEE, Mahomedbhoy Ibrahimbhoy, B A, M Sc C E (U S A) *b* Sept 28, 1900 Ex Mayor and ex Sheriff of Bombay Diwan to H H the Aga Khan's Federal Council for India, Bombay Municipal Corporator 1932 to 1948 worked in the Standing Committee of Bombay Municipal Corporation for 11 years and also served in various special Committees of the Corporation at 21, began serving Rt Hon ble H H the Aga Khan and the Ismaili Khoja Community in various capacities, Vice President Shia Imami Ismaili Khoja Bombay Council President H H the Aga Khan's Supreme Council for Bombay State and for India built a Sanatorium and a Jamatkhana at Matheran for the use of the Shia Ismaili followers of H H the Aga Khan, Sheriff of Bombay, 1937 38 Mayor of Bombay, 1946 47 *Address* Moobarak Manzil, 50 52, Hughes Road Bombay



ROY, Sir Asoka Kumar, M A, B L, Barrister at Law, Kt (1937) ex Law Member, Govt of India *b* Sept 9, 1886, *m* Charu Hashini, *d* of late Iaraprasad Roy Choudhury, *Educ* Doveton College, Presidency College and Ripon College, Calcutta, called to the Bar Middle Temple, 1912 (First Class Honoursman at the Final Bar Examination) Standing Counsel, Bengal, 1929, twice acted as Judge of the High Court of Calcutta, Advocate General of Bengal, 1934 43, Law Member of the Government of India 1943 46 Director Jardine Henderson Ltd Bengal Coal Co Ltd Titaghur Paper Mills Co Ltd Indian Copper Corporation Ltd and several other companies, Member Local Board Imperial Bank of India *Address* 3, Upper Wood Street Calcutta 16

ROY, Dr Bidhan Chandra, M D (Cal), M R C P (London) F R C S (Eng), D Sc (Cal & Allahabad) Chief Minister West Bengal, since Jan 23 1948 *b* July, 1, 1882, *s* of late Babu Prokash Chandra Roy, *Educ* Patna, Calcutta, England, Calcutta Medical Coll Calcutta, and St Barts Hospital London Pres R G Kar Medical Coll Belgachia Professor of Medicine R G Kar Coll Founder of medical and educational Institutions Vice Chancellor Calcutta Univ, 1942 44, Pres, All India Medical Council, 1939 45 Mayor, Corporation of Calcutta, 1931-33, member Congress Working Cttee, Pres National Council of Education and Jadavpur Technical Coll Calcutta Medical Club and also Indian Medical Assoc, Chairman, Higher Institute of Technology, Govt of India *Address* 36, Wellington Street Calcutta



ROY, Sir Bijoy Prosad Singh, Kt (1933) K C I E (1943) M A B L Ex-President Bengal Legislative Council, formerly Minister in Charge Local Self Govt and Revenue Department Bengal 1937 41 Sheriff of Calcutta, 1952 *b* 12th January 1894 *m* Billwabashini Debi *Educ* Chakdighi S P Institution Hindu School, Calcutta Presy Coll Calcutta Univ Law Coll Calcutta member Calcutta Volunteer Rifles 1913 19 awarded King's Commission of Hon 2nd Lieut 1918 member Bengal Leg Council 1921 36 and 1940 Bengal Leg Assembly 1936 40 Councillor Calcutta Corporation 1924 30 elected President National Liberal Federation of India, 1942 Chairman, Board of Directors Basanti Cotton Mills Ltd, National Insulated Cable Co Ltd Bengal Provincial Rly Co Director Belvedere Jute Mills Co Ltd Imperial Bank of India Ltd Hindusthan Development Corporation Ltd, India Steamship Co Ltd Birkmyre Bros Ltd Managing Director, Lionel Edwards Ltd *Clubs* Calcutta Club and Darjeeling Gymkhana Club, Royal Calcutta Turf Club *Address* Chakdighi, Dist Burdwan, W Bengal 15 Lansdowne Road Calcutta 20 5 1 Hungerford Street Calcutta 16

ROY, Chittaranjan, M Sc I I B M I C Dy Minister for Co operation Cottage and Small Scale Industries Govt of West Bengal *b* May 1896 *s* of Uday Narain Roy and late Smt Shyamasundari Devi *m* Smt Saroja Roy four *s* and one *d* *Educ* Calcutta Univ Hon Director Free Land Talkies

Ltd Kharagpur W Bengal Jhargram Electric Supply Co Ltd Jhargram West Bengal Midnapur Central Co-operative Transport Society Ltd , Midnapur Co operative Printing & Publicity Society Ltd *Publications* Bengali book *Mona Vana* an adaptation from Maeterlinck s *Monna Vanna* articles on Ethnological character of Midnapur District *Address* 1 8 Bellaghata Main Road, Calcutta 10

ROY, S C, M B E M Sc B Sc (Agri) (Lond) Dip Agri (Wye) Dip I A R I Agricultural Extension Commissioner to the Govt of India, Ministry of Food and Agriculture New Delhi Ex Director, The Indian Institute of Sugar Technology, Kanpur, Director of Intensive Cultivation Ministry of Food & Agriculture New Delhi Jan 3 1950 Oct 31 1951 *b* Sept 21 1901, *s* of L M Roy and Mrs S Roy, *m* Chaya Roy, two s and two d *Educ* A B School, Allahabad, The Wye College (London University), Univ of Allahabad, Post graduate training in Agricultural Botany, Indian Agricultural Research Institute Professor of Botany and Head of the Department of Biology Agricultural College Kanpur, 1930-31 Asstt Director and later Dy Director of Agriculture Uttar Pradesh, 1931-40 Asstt Agricultural Commissioner to the Govt of India, 1940 44, Secy, Indian Central Sugarcane Cttee, New Delhi, 1944 46 *Publications* On various subjects *Address* New Delhi

RUDRA, Major-General Ajit Anil, O B E (1946) *b* 1896 *s* of the late Principal S K Rudra of St Stephen s College, Delhi *Educ* Trinity College, Kandy Enlisted as a private 18th Bn Royal Fusiliers, saw service in France and Flanders during World War I, promoted L/Corporal, then Corporal and finally Sergeant, with the British troops against the Germans in the fierce battles along the Somme 1915, was wounded, commissioned 1919 joined the 4/15th Punjab Regt in Palestine took part in the Afghan War, 1920, in the relief of Wana, 1921, and other Frontier operations, has held every regimental appointment in succession in his Bn, was Q M for four years, Adjutant for four years and then a Company Commander, appointed 2nd in Command of his Bn 1941 promoted Lieut Col 1943, joined the G H Q, India as Liaison Officer, South East Asia Command, 14th Army and Eastern Command H Qrs, full Colonel, May 1945, appointed Director of Morale at G H Q with the rank of Brigadier, was Military Secretary, Indian Army G O C Madras Area (Retired March 1, 1952) *Address* C o Grindlays Bank Ltd New Delhi

RUIA, Madanmohan Ramnarain, B A Merchant, Banker and Millowner *b* in Samvat 1971, *second s* of the late Seth Ramnarain Harnandrai of Ramgarh (Rajasthan) and Bombay, *m*, one *s* and two *d*, *Educ* Marwari Vidyalava and St Xavier s College, Bombay Director Ramnarain Sons Ltd, Phoenix Mills Ltd, Vinaya Trading Co Ltd Cotton Export & Import Ltd, East India Cotton Association Ltd, United Commercial Bank Ltd, United Agencies Ltd (Kolhapur), United Sales Ltd, Bombay Potteries and Tiles Ltd Chopda Electric Supply Co Ltd The Rajputana Commercial and Industrial Investment Trust Ltd Ramnarain Sons (Pakistan) Karachi Ltd, The Great Eastern Shipping Co Ltd The Marine General Insurance Co Ltd, The Evening Star Publication Ltd Bradbury Mills Ltd Dawn Mills Co Ltd, Precision Engineering Works, Ltd Cotton Importers' Advisory Cttee, Board of the Bombay Port Trust Provincial Industrial Co op Assoc Jagat Trading Co Century Spg and Mfg Co Cttee member Indian Merchants Chamber

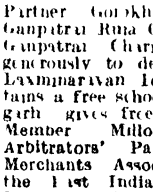


Western India Chamber Ex Cotton Buyers Assoc *Clubs* C C I Willingdon Orient Cttee member National Sports Club of India *Address* Imperial Bank Building Bank Street Fort Bombay

RUIA, Radhakrishna Ramnarain, B A Merchant, Banker and Millowner *b* Samvat 1973 *third s* of the late Seth Ramnarain Harnandrai of Ramgarh (Rajasthan) and Bombay, *m* Miss Raj kumari daughter of Sahu Ramnarain, Rais and Zemindar of Bareilly, three *d* and two *s* *Educ* Marwari Vidyalaya and St Xavier s College, Bombay Director Ramnarain Sons Ltd Phoenix Mills Ltd, Bradbury Mills Ltd, Dawn Mills Co Ltd, Vinaya Trading Co Ltd, Upper Doab Sugar Mills Ltd Bombay Yarn Exchange Ltd, Hind Steel Corporation Ltd, United Sales Ltd, Nilambur Mines Ltd, United Agencies Ltd Kolhapur Sugar Mills Ltd (Kolhapur), Bank of Jaipur Ltd, Ramnarain Sons (Pakistan) Karachi Ltd The Rajputana Commercial and Industrial Investment Trust Ltd Ruia Industries Ltd, Kolhapur Noble Steel Products Ltd Industry House Ltd Member Millowners Association Cttee *Clubs* C C I Willingdon Orient *Address* Imperial Bank Building Bank Street Fort Bombay



RUIA, Ramgopal Ganpatrai, Landlord, Philanthropist and Millowner *b* 1906, *s* of Ganpat rai Ramrikhdas Ruia of Ramgarh, Jaipur, *m* Kamlabai *d* of Jwaladutt Singhania of Fatehpur, one *s* and two *d*, *Educ* Marwari Vidyalaya High School and St Xavier s Coll, Bombay Joined his father s firm, Gorakhram Ganpatrai, Bombay in 1921 expanded his business after his father's death, floated in 1943 two limited liability concerns Ramgopal Ganpatrai & Sons Ltd, and Ramrikhdas, Balkison & Sons Ltd Partner Gorakhram Ganpatrai, Director, Ganpatrai Ruia Charitable Trust Ramgopal Ganpatrai Charitable Trust Has given generously to deserving causes built the Laxminarayan Temple at Vile Parle maintains a free school and dispensary at Ramgarh gives free food to cows and poor Member Millowners Assocn and its Arbitrators' Panel Hindustani Native Merchants Assocn the Marwari Samelan, the East India Cotton Assocn, Indian Merchants Chamber and Bombay Chamber of Commerce *Recreations* Tennis Riding and Swimming *Clubs* Radio Willingdon C C I Poona Club etc *Address* *Residence* 67 New Worli Bombay *Office* Dhanraj Mills, Ltd Sun Mills Road Lower Parel, Bombay



RUIA, Ramniwas Ramnarain, Merchant, Banker and Millowner, Senior Partner Ramnarain Sons Ltd, Bombay Is the *e s* of the late Seth Ramnarain Harnandrai of Ramgarh (Rajasthan) and Bombay, *m* Miss Kamlabai, *g d* of the late Rai Bhadur Sir Hariram Goenka of Calcutta, two *s* and one *d*, *Educ* Marwari Vidyalaya, Bombay and privately Entered business at an early age, Director Ramnarain Sons Ltd, Phoenix Mills Ltd, Vinlay Mills Ltd, Swan Mills Ltd Gold Mohur Mills Ltd, Bank of India Ltd, Andhra Valley Power Supply Co Ltd, United Power Co Ltd, Bachhraj & Co Ltd, Bachhraj Factories



Ltd, Oudh Sugar Mills Ltd, Hindustan Sugar Mills Ltd Mukund Iron & Steel Works Ltd Hind Cycles Ltd, New India Assurance Co Ltd, Oxy Chloride Flooring Products Ltd Mining Management Syndicate Ltd, Oriental Industrial Investment Corporation Ltd United Agencies Ltd (Kolhapur), Dawn Mills Co Ltd Kolhapur Sugar Mills Ltd (Kolhapur) Praga Tools Corporation Ltd (Secunderabad) United Sales Ltd, Jaipur Mining Corporation Ltd, Jaipur Brady Engineering Co Ltd, The Machinery Paints & Chemicals Ltd New Hindustan Cements Ltd Indokem Ltd New Consolidated Construction Co Ltd Rewa Pulp and Paper Mills Ltd The Rajputana Commercial and Industrial Investment Trust Ltd Jaipur Association of Indian Trade & Industry Bradbury Mills Ltd Sarat Oil Mills Co, Ltd, Holkrith (India) Ltd, Carona Sahu Co Ltd Carona Shoe Co Ltd Committee Member of Royal Western India Turf Club Ltd *Clubs* C C I, Willingdon Orient Hindu Gymkhana *Address* Imperial Bank Building Bank Street, Fort, Bombay

RUKMINI Devi, M P President, Kalakshetra International Arts Centre Adyar, Madras *b* 1904, Madura, *d* of Pandit Nilakanta Sastri, *m* 1920, late Dr G S Arundale, Pres, Theosophical Scty, 1934 45 Started dancing under personal guidance of Anna Pavlova, travel and research in dance, music, drama in many countries, extensive tours in N and S India with dance recitals and lectures, works through Art and Education for India s cultural renaissance specialising in Bharata Natya, music, drama, painting and crafts Dramatic productions include *The Light of Asia*, *Incidents from the Life of Bhishma* *Karaikal Ammayar* (Tamil) *Rukmini Swayamvaram* (Kathakali) *Kutrala Kuravanji* (Temple drama), *Kumara Sambhavm*, Lectures and writes on Theosophy, Religion, Art, Culture, Education etc, Pres, World Federation, Young Theosophists, Director The Besant Theosophical School, Adyar, the Dr V Swaminatha Iyer Tamil Library, Pres, The Bharata Samaj Gen Secy, All-India Cttee, Besant Centenary Celebrations Director The Arundale Training Centre for Teachers Adyar, Vice Pres, S P C A, Member, Indian National Commission for Co operation with UNESCO nominated member Council of States representing Art *Address* Adyar Madras 20

RUPCHAND, His Excellency Wing Commander, Aitchison Chief s College Diploma Ambassador of India to Afghanistan, Kabul *b* June 15, 1900, *s* of late Hon ble Rai Bahadur Ram Saran Das, Member, Council of State (India), *m* Vilas Kanta, *d* of late Dewan Ajudhia Das, Foreign Minister, Kapurthala State, two *s*, *Educ* Aitchison Chief s College, Lahore Visited Europe a number of times, took interest in international politics was a member of Council of State, India representing whole of undivided Punjab *Recreations* Polo, Big game shooting, Tennis *Clubs* Aero Club of India & Burma, Imperial Gymkhana, New Delhi, Gymkhana Club, Lahore, Gulmarg Club Gulmarg, Cricket Club of India Bombay *Address* Kabul

RUTHNASWAMY, Mariadas, B A (Madras) M A (Cantab), Bar at Law (Gray s Inn) C I E (1930) K C S G (1938) Ex Vice Chancellor Annamalai Univ *b* 15th August, 1885, *m* Marie Dhyrinnathan, 1914, *Educ* St Joseph s Coll (Cuddalore), St Joseph s Coll (Trichinopoly), Nizam Coll (Hyderabad), Downing Coll (Cambridge) Asstt Professor of English and History, Baroda Coll 1913 18, Prof of History, 1918 27 and Principal, Pachaiyappa s Coll 1921 27, Principal, Law Coll (Madras), 1928 30, Councillor, Madras Corpn, 1921-23 member, Madras Leg Council, 1921-26 Pres, Madras Leg Council, 1925 26, M L A (Cen), 1927 member, Madras Public Service Commission 1930 42 Pres, Catholic Indian Assoc of Madras Catholic Union of

India, Joint Cttee of All India Conference of Indian Christians and Catholic Union, Vice Chancellor Annamalai Univ, 1942 48 Editor *Democracy* 1950 *Tamilnad* 1951 ions *The Political Philosophy of Mr* (1923) *The Political Theory of the nt of India* (1928), *The Making of* fluences that ... System in n (1949) H

H, Munichalu Road Madurai

SACHAR, Bhim Sen, B A LL B, Chief Minister, General Administration, Law and Order, Jails Justice and Publicity Punjab (India), since April 1952 *b* 1st Dec 1893 *m* Shrim Lalta Devi *d* of Rai Bahadur Mukand Lal Puri *Educ* Punjab University Joined the Bar in 1918 joined Non Co operation Movement 1921 Secretary, Punjab Provincial Congress Committee 1921 Registrar National University, Lahore Secretary, Municipal Committee, Gujranwala 1922 24 Municipal Commissioner Gujranwala 1924 33 founded the Sunlight of India Insurance Co Ltd in 1932, Director Gujranwala Electric Supply Co Ltd and Local Director Punjab National Bank Ltd elected member Punjab Legislative Assembly on Congress ticket, 1936 45, re elected in 1945 member East Punjab Assembly elected leader, Congress Party, Punjab Legislative Assembly, 1940, elected member Constituent Assembly of Pakistan from Punjab in 1947 and Deputy Leader Congress Party in the Pak Assembly Finance Minister, 11th March 1946 to 3rd March 1947 elected leader, Congress Legislature Party, East Punjab, April 1949, Chief Minister, East Punjab 1949 *Address* Simla



SACHDEV, Mulk Raj, B A (Hons) (Punjab) M A (Cantab) I C S Secy, Ministry of Works Housing and Supply Govt of India since April 1947 b 12 1903 s of late R S Lajpat Ram Sachdev of Quetta *m* Savitri, *d* of late R B Arjandas Vasudev one *s*, Naresh, *Educ* Quetta Lahore and Cambridge Asstt Commissioner, D C, Controller of Supplies, Bombay, Deputy Director General, Supply Deptt Director General Civil Supplies, Punjab, Excise and Taxation Commissioner, Secy to Govt, Punjab Chief Secretary Govt of East Punjab till April 1954 Partition Commissioner *Clubs* Willingdon Club Bombay East Punjab Club Simla *Address* Ministry of Works Housing and Supply Delhi

SADGOPAL, Dr, M Sc (Tech) D Sc (Lond) F R H S I R I C (Lond) Senior Research Officer (Chemist) Forest Research Institute Dehra Dun since 1950 *b* Aug 26 1908 *s* of late Diwan Chand of Jullundur (Pb) *m* Smt Kamala, B A *d* of late Prof Shiva Dayal Lahore one *s* Anil and two *d* Mira and Achala, *Educ* Jullundur Banaras Managing and Technical Dir Hindustan Aromatics Co Naini Allahabad, 1936 47 Prof Oil and Soap Technology Banaras Hindu Univ 1947 50 *Publications* About 120 Research publications on Indian Oils and Fats, Soaps and Essential Oils and Perfumes etc *Recreations* Gardening Social Work *Clubs* Scottish Forest Research Institute

SADOC, Dr William Merrill, German Interpreter to the Govt of India, Ministry of External Affairs *b* Dec 15, 1909 *Educ* Graduated from Gordon Coll Rawalpindi Punjab Univ Law Coll Lahore Doctorate in Economics Ludwig Maximilians Univ Munich Was Professor of Economics in Coll Lucknow, practised law at Lahore and Calcutta Was commissioned and talks from the A I R against the scourge of Nazism served as A D C to H H the Maharaja of Jind, was Secy, Roller Flour Millers' Federation of India, managed own farm Sadoc Estate at Nalnpur Prizeman in Oratory Marksmanship and Equestrian skill *Publications* Pamphlets on *The Great* ... *The Technique of Terror, The Price* ... *The New World Order, If Hitler* ... *India* etc, etc *Recreations* Tennis Riding Farming Travelling Motoring, Big game hunting Lecturing *Address* German Interpreter to the Govt of India, Ministry of External Affairs New Delhi

SAGGI, Parshotam Das, Editor *The Indian* ... Bombay *b* 1913, in Bajwara, Graduated with honours from Forman Coll Lahore, 1934 Travelled widely to study and acquaint himself with the peoples of India Burma, Ceylon and Malaya, *Literary Star* ... *Punjab Times* Responsible for formally establishing the Indian Youth's Overseas Congress movement enthusiastically endorsed by Mahatma Gandhi and Pandit Nehru as Pres of the Indian Nationals Overseas Congress, London attended the United Nations Peace Conference of 1946 in Paris launched and edited *The Indian Outlook* a monthly journal from London 1947 since then, travelled extensively in Europe, United States and the Caribbean ... acted as Observer at U N O in 1950 after his return to *The Indian Outlook* in Bombay ... Gen Secy All India Convention of Race Relations Oct 1952 Northern India Convention of Race Relations, Feb 1953 Editor in Chief, *Indians Overseas Year* ... *Who* and *Struggle for Human* Sohrab House 235 Bombay 1



SAH, Roop Narain, Proprietor National Motors Jodhpur with branch at Kotah *b* July 21 1926 *s* of *R B* Sah Madan Mohanji, Jagirdar *m* Smt Ayodhya Kumari two *s* *Educ* Graduated in science from the Lucknow University Partner Brij Talkies Kotah National Tractors Jodhpur Bundi Electric Supply Co Ltd Bundi Mg Director City Light Theatres Ltd Palanpur Abu Motor Service Co Ltd Abu Road Lessee Olympia Cinema Jodhpur ... Mem Chamber of Commerce Motor



SAHA, Jogendra Mohan, B Sc M Sc (1st Class) F I C, Director Indian Institute of Sugar Technology, Kanpur *b* Nov 1 1899 ... (late), and Smt N R Saha ... Das two *s* and one *d* ... Church Coll Calcutta Univ Coll of Science, Calcutta M ... & Chief Technologist, Sugar Factories ... 38 Chemical Examiner, Central Excise Salt Delhi 1939 42 Dy Director Chemicals & Supply Dept New Delhi 1942 46 Dy Director Chemical Industries Section Board of Allied Reparations Agency, Paris Belgium Professor of Sugar Technology Kanpur, holder of patents for inventions awarded Rs 85 000 by the Govt of Jodhpur for discovery of Sodium Sulphate *Publications* ... Journals ...

SAHA, Meghnad, D Sc, F R S, F R A S B F N I M P Palit Professor of Physics, Calcutta University *b* 1893 *Educ* Dacca and ... Coll Calcutta Khaira Lect in Physics Calcutta Univ, 1921 23 Prof of Physics, Allahabad Univ, 1923 38 Dean of Science Faculty Allahabad Univ (1931 1934), President, Indian Science Congress, 1934, President, National Institute of Sciences, India, 1937 38 Carnegie Travelling Fellow, 1936 Palit Professor of Physics, Calcutta University (1938) member, National Planning Committee of the Indian National Congress member Indian Scientific Mission (1944 45), sent by the Govt of India to visit U K U S A and Canada member Univ Commission, Govt of India 1948 49 Founder Director, Institute of Nuclear Physics, Calcutta Univ, Pres, Council of the Indian Assoc for Cultivation of Science 1947 51 elected member of the House of People 1952 Chairman, Calendar Reform Cttee, Govt of India *Publications* On the Fundamental Law of Electric Action deduced from the Theory of Relativity, 1918, On Measurement of the Pressure of Radiation, 1918 Selective Radiation Pressure 1918 etc and numerous scientific papers, English, Continental and American, On a physical theory of the Solar Corona Author of a Treatise on the Theory of Relativity Author of a Treatise on Modern Physics, a Treatise on Heat a Junior Text book of Heat Founder Editor of *Science and Culture* Author of *My Experiences in Russia* *Address* Institute of Nuclear Physics ... Road Calcutta

SAHAI, Srimati Tribeni, Social Worker *b* 1895 at Meerut *d* of S S Bisaria *m* late Rai Sahib Tribeni Sahai, District Magistrate three *s* and four *d* *Educ* Meerut As a social worker has created new spirit in women, formed Mahila Samiti Bareilly 1946 its Pres, since its inception member Executive of the City Reform League and Orphanage, Education Cttee Municipal Board City Congress is working for improving women's education and for the uplift of women *Publications* *Amulya Ratna Hindu Muslim Unity* etc *Address* Tribeni Bhawan Tribeni Sahai Marg, Bareilly (U P)

SAHAY, Anand Mohan, Commissioner for the Govt of India in Mauritius *b* 1898 at Bhagalpur (Bihar) *s* of Lal Mohan Sahay *m* Smt Sati Sen 1927 gave up study of medicine and joined Independence movement started by Gandhiji 1920 Private Secy to Dr Rajendra Prasad, 1921 23 was Professor in Y M C A Foreign Language Coll for 16 years, organised Japan Branch of the Indian National Congress 1928 organised and edited a monthly journal Voice of India in English and Japanese, 1930 started India Lodge, a home for Indian students who came to Japan for Industrial and technical training 1938 wrote number of books on Indian Freedom Movement in Japanese and English, one of the Chief Organisers of the Indian Independence Movement Far East during World War II was Minister and Secretary General in Subhas Chandra Bose Govt twice imprisoned, Pres East Indian Railway Employees Assoc, 1947 nominated member Central Advisory Council of the Govt of India on labour 1948 Pres of several educational institutions in Bihar ... a degree college for women in ... pur, 1949 Commr for the Govt of ... in the British West Indies 1950 54 *Address* Champ de Mars Port Louis

SAHAY, Bhagwan, B Sc (Allahabad), I C S Chief Commissioner, Bhopal, since 1952 *b* Feb 15 1905, *m* Smt Dayawati, one *s* and one *d* *Educ* Univ of Allahabad School of Oriental Studies London Joined I C S Magistrate U P 1929, Dy Secy to Govt U P, 1936 39 Supdt Census operations 1939 41 Secy Indian Council of Agricultural Research, 1941 43 Joint Secy, Govt of India 1944 45 Commissioner Food & Civil Supplies, 1946 49, Chief Secy U P Govt 1949 51 Chief Commissioner Himachal Pradesh 1951 ... Chief Commissioner, Bhopal

SAHAY, Jagatnandan, M A (Patna), T D (London), Registrar, Patna University *b* July 1, 1912, *s* of the late Ranajit Prasad, B & O Civil Service, *m* Srim Indumati, one *s* *Educ* Science Coll, Patna, Patna Coll, Patna, Institute of Education, London Univ Bihar Educational Service, Lecturer in English Language and Literature *Address* Patna 5

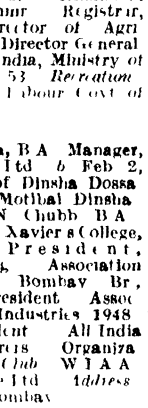
SAHAY, Krishna Ballabhb, M Revenue, Excise Govt of Bih 1946 *b* Dec 31 1898 *m* Srimati Kailashpati Debi, *Educ* St Columbus Coll, Hazaribagh passed B A with Honours in English, coming 1st in the Univ and obtaining Gait Gold Medal Prof of English in Bihar Vidyapith, 1921 23 Member, Bihar Leg Council, 1924-29, jailed four times between 1930 and 1934 in connection with Congress C D Movement, Secy, Bihar Earthquake Relief 1935 36, elected M I A Bihar, in Jan 1937 and was appointed Parliamentary Secy to Minister in Charge of Political Appointment, Land Revenue and Forest, courted imprisonment 1940-41 and 1942-44 in connection with individual Civil Disobedience Movement and 1942 movement, elected uncontested to Bihar Leg Assembly from Hazaribagh Central Constituency in 1946 Editor *Motherland* 1921-22 Hindi Weekly named *Chota Nagpur Darpan* 1940 4- *Address* Hazaribagh and Patna

SAHAY, Vishnu, B Sc (Allahabad) Secretary Ministry of Labour Government of India *b* November 22, 1901 *s* of Banke Bihari of Amroha, District Moradabad *m* Radha Rani one *s* and two *d* *Educ* Allahabad and Oxford Deputy Commr Registrar, Co operative Societies Director of Agriculture, Uttar Pradesh, Director General Food Secretary, Govt of India, Ministry of Food and Agriculture, 1951 53 *Recreation* Golf *Address* Ministry of Labour Govt of India New Delhi

SAHUKAR, Nariman Dinsha, B A Manager, Godrej & Boyce Mfg Co Ltd *b* Feb 2, 1902, *s* of Dinsha Dossa bhai and Motibai Dinsha *m* Mani N Chubb B A *Educ* St Xavier's College, Bombay President, Engineering Association of India, Bombay Br, 1947, President Assoc of Indian Industries 1948 Vice President All India Manufacturers Organization 1949 *Club* W I A A Club House Ltd *Address* 39 F Hill Road Pandra Bombay



SAIYEDNA, Taher Saifuddin Saheb, His Holiness (Mullah Saheb) Head of Dawoodi Bohra Shia Muslim Community a business community having interests and connections practically all over the world till the inauguration of the Indian Republic on 26th Jan 1950 was a First Class Saidar of the Deccan and enjoyed all the privileges of that status *b* Aug 5 1885 at Surat succeeded to his office 1915 *m* is the 51st incumbent of the office of Dai Mutlaq derives his succession from Prophet Mohammed (peace be upon him) through his descendants the Fatemid Caliphs of Egypt is an eminent Arabic Scholar and one of the greatest exponents of Islamic culture and literature his annual Arabic brochures on religious and philosophical subjects published during the month of Ramzan are acknowledged as masterpieces of Arabic literature received the Honorary Doctorate of Literature from the Muslim Univ of Aligarh at a special convocation in 1946, widely travelled in India and the Middle Eastern countries, keenly interested in Indian and world problems, a liberal patron of education arts and industries has made suitable arrangements to conduct about 350 Madresas or schools including Boys Schools with attached hostels in Surat an Arabic College the Fakhrah, where more than 800 students are given free education and are provided with free boarding and lodging His munificence are, preparation of an artistic carpet of silver brocade for the covering of the inner walls of the Holy Kaaba at Mecca the presentation of gold and silver Zarih to the Mausoleas (sepulchres) of the saints of Najaf and Kerbala in Iraq and the erection of a Minaret outside the shrine of Maulana Hussain the Martyr of Islam, and substantial donations to several institutions in India including Aligarh Muslim Univ and the Shia Technological Institute at Lucknow is a patron of the Assoc of Muslim Education Mombasa (Kenya), was unanimously elected Chancellor of the Muslim Univ, Aligarh by the Univ Court April 1953 Heir apparent Abul Qasim Johar Mohammed Burhanuddin Saheb appointed to succeed as 52nd Dai Mutlaq in the line *Address* Saify Mahal Pawai Road Malabar Hill Bombay 6



SAIYIDAIN, Khwaja Ghulam, B A M Ed Joint Educational Adviser and Joint Secy to the Ministry of Education, Govt of India 1 Oct 16 1903 *s* of Khwaja Ghulam Saqlain *m* Aziz Jahan Begum four *d* *Educ* Univ of Aligarh and Leeds (England) Prof of Education Aligarh Muslim Univ Dir of Education, Jammu and Kashmir State Educational Adviser to Rampur Govt Educational Adviser to Bombay Govt *Publications* *The School of the Future* *Principles of Education Iqbal's Educational Philosophy* *Problems of Educational Reconstruction* *Education for International Understanding*, *Education Culture and the Social Order* *Aligarh Movements in Education* *The Education of the National Character* *Activity School* *The Spirit of Culture* *Recreations* Reading Writing *Address* 15 Willingdon Crescent New Delhi

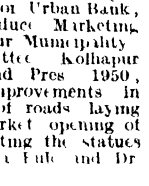
SAKSENA, Mohanlal, B Sc LL B M I Advocate Supreme Court of India and Ex Minister, Govt of India *b* Oct 25 1896 *Educ* Canning College Lucknow University School of Law, Allahabad Lecturer Isabella Thoburn College Lucknow 1919 20 joined N C O in 1920, member, Municipal Board Lucknow, 1923 25, member, U P Leg Council and Chief Whip, Swaraj Party, 1924 26 General Secretary U P Provincial Congress Committee, 1928 35 elected member Indian Legislative Assembly 1935 45 re elected unopposed, Nov 1945, President U P Provincial Congress Committee, 1938-39 Managing Director, the *National Herald* 1939 40, Member All India Congress Committee has undergone imprisonment several times since 1921 for national cause, Secy, All India Political Prisoners Relief Ctee, Lucknow, Sec, Congress Party Central Leg Assembly, 1946 47 Member of the Constituent Assembly of India, July 1946, Secretary of the Congress Party in the Dominion Parliament, 1947-March 1949 Chairman Railway Grainshops Enquiry Ctee Minister for Rehabilitation Govt of India 1948 50 Elected to the House of the People from Lucknow Barabanki Constituency interested in village industries, Pres All India Housing Assoc *Address* Udyog Bhawan Hardoi Road Lucknow Ferozeshah Road New Delhi

SAKSENA, Premchandra, B Sc, Inspector-General of Police, Madhya Pradesh *b* Dec 26 1900, *m* *d* of Raja Sir Oudh Narain Bisarya, Prime Minister, former Bhopal State, two *s* eldest is Officer in Indian Armed Forces [illegible] College, Jabalpur Muir Central College, Allahabad *Joined the Indian Police* as a result of competitive examination, 1925, District Superintendent of Police in several districts, was for some time Central Intelligence Officer, Madhya Pradesh, under the Govt of India, promoted D I G of Police, August 1947, officiating as I G of Police since Feb 1948, awarded the Indian Police Medal in 1947 *Recreations* Riding, Tennis and Golf *Address* Nagpur

SAKSENA, H E Ramji Ram, B Sc, M A, I L B Indian Customs Service High Commissioner for India in Canada since June 1951 *b* June 15, 1897, Sultanpur, U P, *Educ* Allahabad University Professor of Economics, Allahabad University 1920 21, joined Income tax Department, 1922, Imperial Customs Service, 1923 First Secretary, Central Board of Revenue and Under Secretary to the Government of India Finance Department, 1934 Officer on Special Duty, Finance Department, Government of India, for the revision of the official publication Handbook of Commercial Intelligence India Third Edition, 1936 Indian Government Trade Commissioner in Japan April 1937 to September 1940 Indian Government Trade Commissioner in Australia and New Zealand February 1941 47, Joint Secretary, Ministry of External Affairs and Commonwealth Relations, July 1947 to April 1948 Indian Consul General in New York May 1948 May 1951 *Recreations* Tennis, Bridge *Address* C/o Ministry of External Affairs New Delhi

SALIM, Mufti Mohd, B A Member Society of Automotive Engineers Member Institute of Aeronautical Sciences Associate Fellow, Royal Aeronautical Society General Manager Orient Airways Ltd since Feb 1952 *b* Aug 12 1913 at Bilaspur (M P), *s* of Mufti Abdul Majid *m* Zubeda Begum, two *s* and two *d*, *Educ* Jabalpur and Gujrat (Pb) graduated from Islamia Coll, Lahore Aeronautical Training Centre of India, New Delhi (1935-1937) Served Tata Air Lines (now Indian Air Lines Corporation), 1938 42, Incharge 7 C M U and Eng i/c Airframe Overhaul Section, I N A 1942-46, Inspection Division Govt of India 1946-March 47, Chief Inspector, Orient Airways Ltd 1947 48 Chief Engineer 1948 52 *Recreations* [illegible] Orient

SALOKHE, Dattatraya Maruti Managing Director E & I Corporation Ltd Kolhapur *b* Nov 30 1909 *m* Smt Nimbai *d* of Ramchandra Bagamkar one *d*, *Educ* Kolhapur After completing his secondary education at Kolhapur served as a compositor in a printing press was a clerk in the Shahu Mills resigned and took up commercial line by opening the Shradhanand Stores of stationery etc, also carried on the co operative movement by opening a petty bank converted the bank and the stores into a corporation named the Shradhanand Financing and Trading Corporation Ltd, Kolhapur entered political career 1939, active and prominent member Kolhapur Praja Parishad elected Director Urban Bank, Chairman Agricultural Produce Marketing Ctee and member Kolhapur Municipality was Chairman Standing Ctee Kolhapur Municipality Vice Pres and Pres 1950, as Pres made several improvements in Kolhapur such as tarring of roads laying foundation of the Bagal market opening of a maternity home and erecting the statues of Shahu Maharaj Mahatma Fule and Dr



Mandir, since 1949 *Recreations* Football, Hockey *Club* Dival Club Kolhapur *Address* Raviwarpeth Ward B-962, Kolhapur.

SAMPURNANAND, B Sc (Alld), L T (Alld), Minister Home and Labour (U P Government) *b* Jan 1 1891 *m* Savitri Devi (deceased) *Educ* Queen's College, Benares, Training College, Allahabad After graduating worked as a teacher in the Prem Mahavidyalaya Brindaban and the Harishchandra High School Benares, worked at the Daly (Rajkumar) College, Indore, 1915 18, Headmaster, Dungar College, Bikaner, 1918 21, was Editor, *To day* (Eng Daily now defunct) and *Maryada* (Hindi monthly) Professor, Kashi Vidyapith, 1922, Member, A I C C, since 1922 thrice Secy, U P Provincial Congress Committee President, second All India Socialist Conference, Bombay, President, 29th Hindi Sahitya Sammelan, Poona Session 1940 Minister of Education, U P Govt 1938 39 *Publications* Fifteen books in Hindi on political, historical and philosophical subjects, and in English on Politics and Philosophy, received Mangala Prasad prize of Rs 1 200 for his book 'Samajavada' (Socialism) *Hobby* Gardening and Astronomy *Address* Jalpa Devi, Benares Secretariat Lucknow

SANGHI, Seth Motilal Ghanshyamdass, Chairman, Western Indian States Motors Ltd,



Jodhpur Sanghi Motors (India) Ltd, Indore, Mewar Oil and General Mills Ltd, Udaipur Director India Motors Ltd Ajmer *b* Dec 7, 1899 of the Sanghi family of Jodhpur Founder of Firm Sanghi Brothers in Jodhpur with offices and cinemas in Rajasthan and Central India, toured extensively round the world *Address* Jodhpur

SANJIVAYYA, D, B A, B L, Minister for Public Health, Co-operation and Housing, Labour, Rural Development Harijan Uplift Resettlement of ex Service men Khadi and Planning, Govt of Andhra *b* Feb 14, 1921, *Educ* B A from Govt Arts Coll, Anantapur, B L from Madras Law Coll Enrolled as an Advocate 1950, joined the Congress and was elected to Parliament from the Madras Legislature as a Congress nominee elected M L A (Madras) from Kurnool Reserved Constituency as a Congress candidate in the general elections, 1952 Minister for Co operation and Housing, Govt of M [illegible] *Address* Secretariat Kurn

SANKALIA, Dr Hasmukh Dhirajlal, M A LL B Ph D (London) Professor and Head of the Dept of History Deccan Coll Post Graduate and Research Institute, Poona *b* Dec 11, 1908 *s* of Dhirajlal V Sankalia, Advocate Bombay and Mrs Motigauri Dhirajlal Sankalia, *m* Saria Chhaganlal Marfatia, Bombay *Educ* Elphinstone High School St Xaviers Coll and Law Coll Bombay Univ Coll London Bhagwanlal Indraji Prizeman (1933) Silver Jubilee Medal, Bombay Branch Royal Asiatic Society (1944) Some time Hon Lecturer, St Xaviers Coll, Bombay, conducted excavations and explorations in prehistory and early history relating to Gujarat, Maharashtra Karnatak and Madhya Bharat *Publications The University of Nalanda, Archæology of Gujarat, Investigations into the Pre historic Archæology of Gujarat Historical Geography & Cult[illegible] The Godavari [illegible] tions and Brahm[illegible]* papers on Indian History Epigraphy [illegible] graphy and Pre history *Recreations* Hill[illegible] Tennis Boating Cricket *Address* Deccan Coll[illegible] n Institute Poon

SANTHANAM, K, Lieut Governor, Vindhya Pradesh since March 1, 1952 *b* 1895, *s* of Kasturiranga Iyengar, *m* Soundarammal, four *s* and one *d*, *Educ* Graduated with Honours in Mathematics in 1917 Enrolled in High Court, Madras, 1920, non co operated in the same year and gave up practice, did Khadi work, 1920 30 was in jail in the non co operation campaigns of 1921 1922, 1930 1932 and 1941 was Editor, *Indian Express*, 1933 40 Member Indian Legislative Assembly 1937 42, Joint Editor *Hindustan Times* 1943 48, Member, Constituent Assembly from 1946, Minister of State for Railways and Transport Govt of India, Oct 1948 Feb 1952 *Publications* Eng *Cry of Distress Ambedkar's Attack, The Constitution of India* and *Problems before the Indian Republic* Tamil *Pouyum Meyyum Podunala Samudayam Rajyam* and *Kannyin Kanavu Address* Raj Niwas Rewa



SARAF, Govind Vithal, P A L L B, Pleader Shahapur Belgaum Director Belgaum Bank Ltd Belgaum *b* 1909, *m* Miss Indirabai Divekar, *d* of Dr I B Divekar of Hubli, 2 *s* and 2 *d*, *Educ*



Deccan College, Poona, graduated in 1931 Director, Belgaum Bank Ltd since 1940 Vice Pres, Belgaum District Primary Education Scty running 135 voluntary schools in villages and a Marathi Training Coll at Belgaum ex Member, Shahapur Taluka Local Board Proprietor New Hindustan Metal Works, Shahapur, Pres, Shahapur Municipality 1943 46, was Chairman, Belgaum Bank Ltd 1952, active social worker, takes keen interest in public affairs office bearer of various public institutions, Division Commander, Home Guards, Shahapur, fond of literary pursuits and physical culture, has contributed generously to various public institutions *Address* 145, Thalakwadi, Belgaum (Southern Rly)

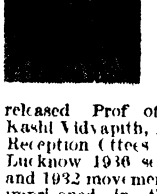
SARAF, P Shamlal, Minister for Development, Jammu and Kashmir State *b* July 4, 1904, *s* of P Samsar Chand Saraf *m*, *d* of P Ramchand Budki of Srinagar Kashmir, one *d*, *Educ* Sri Pratap College, Srinagar Joined business after studies, organised many concerns, was Hon Secy, Chamber of Commerce for several years, took active part in Kashmir's political activities, joined National Conference and courted arrest many tim[illegible] [illegible] Singh Club, Srinagar 4 [illegible] nagar

SARAIYA, Jayant Varjivandas, B A (Hons), Cotton Merchant *b* November 15, 1915, 2nd *s* of Seth Varjivandas Motilal, Cotton Merchant and Ex Partner of Narandas Rajaram & Co, Bombay, *m* Manorama V Shah, niece of Seth Sakerlal Balabhai, Millowner, Ahmedabad, *Educ* Elphinstone College, Bombay After graduation joined Narandas Rajaram & Co, 1938, travelled in Kenya, Uganda, Tanganyika Ceylon and extensively in India on business started his own firm of India Cotton Supplies Ltd in partnership with Messrs Beharilal Ramcharan, Millowners & Bankers of Kanpur, became its Managing Director, recently visited Egypt and Europe for pushing the firm's business in cotton *Recreations* Sports and Motoring *Clubs* C C I Ltd, W I F A Ltd, Orient Club *Address* Swastik Court 132, Queen's Road, Bandstand, Bombay 1



SARAIYA, Ramanlal Gokaldas, B A B Sc, O B E, J P Hon Presidency Magistrate Cotton Merchant and Vice Chairman, Narandas Rajaram & Co, Ltd, Bombay *b* Jan 16, 1898, *m* Padmavati, daughter of Sir Purshotamdas Thakurdas, Kt of Bombay, 1920 3 *s*, *Educ* Gujrat College, Ahmedabad, Wilson College, Bombay and Imperial College of Science and Technology, London Matric (1914), B A (Hon) 1919 Dakshina Fellow, Wilson College, 1919 20, B Sc (1920), took post graduate course in Chemical Engineering in England and diploma of City and Guilds of London Institute in oils and fats and also in soap manufacturing, elected Fellow of the Chemical Society London After return to India, joined Narandas Rajaram & Co in 1922, became its partner in 1926 and Vice-Chairman since its conversion to limited company in 1944 Chairman of the All India Co operative Planning Committee, 1944 45, member, Agricultural Finance Sub-Committee of the Govt of India, and Co-operative Training Committee appointed by Govt of Bombay and of the Expert Cttee on Futures Markets (Regulation) Bill, 1950, Chairman, Bombay State Co-operative Bank Ltd, Bombay Co operative Banks' Association, Bombay Board of the United Commercial Bank Ltd, Pres, Federation of Indian Chambers of Commerce and Industry, Director, Hind Cycles Ltd, The United Salt Work and Industries Ltd, Sutlej Cotton Mills Ltd, Narandas Rajaram & Co (Africa) Ltd, etc, Pres, Indian Merchants Chamber 1950, Vice President, Indian Central Cotton Committee 1947 52 Member Bombay State Rural Development Board, Council of the Indian Institute of Bankers, Cttee of the Indian Merchants Chamber, Leader of the Indian Delegation to the International Cotton Advisory Cttee, 1948, 1949 and 1950, at Cairo, Brussels and Washington, respectively *Clubs* Orient, Willingdon Cricket Club, Rotary Club Bombay *Address* Vasant Vihar, 85, Nepean Sea Road Bombay 6

SARAN, Prof Ram, M A, L T B M P Social Worker *b* Sept 1894 *s* of late Bansindhar *m* Smt Omvati Devi one adopted *d* Kumari Pushpa Gupta, *Educ* Mission School, Moradabad, Agra Coll, Agra, Christian Coll and Univ School of Law Allahabad Served as a volunteer in the 1916 Lucknow Congress Session organised the Moradabad Sewa Samiti, captained volunteers at the U P Prov Conference at Moradabad, 1920, gave up legal practice and joined the N C movement, 1921 imprisoned, Jan 1922 and released Prof of Economics and Principal, Kashi Vidyapith, 1923 39, also worked on the Reception Cttees of the Cawnpore 1926 and Lucknow 1936 sessions, organised the 1930 and 1932 movements, imprisoned 1930, 1932 imprisoned in the Individual Satyagraha Movement 1940, detained in Moradabad Dist and Bareilly Central Jails Oct 1942 to July 1945 has been member U P C C and A I C C for several years elected M L A representing Moradabad Dist Municipalities 1937 and 1946, elected to the House of the People from the Moradabad Dist West Constituency member, Sarwodaya Samaj *Recreations* Spinning Walking *Address* Mohalla Ganj Moradabad 26 Queensway, New Delhi



SARAN, Sankar, M A (*Oxon*) Barrister at Law Custodian General Evacuee Property, India since 1953 *b March 31, 1893*, *s* of Munshi Iswar Saran and Shrimati Shivarani Devi *m* Shrimati Shilavati Devi, two *s* Chandra Bhushan and Shashi Bhushan, and one *d* Vijay Lakshmi, *Educ* Central Hindu College, Banaras 1904 13 Univ of Oxford, 1914 19, called to the Bar by the Hon ble Society of Inner Temple, 1918 Govt Pleader High Court Allahabad 1921, Dy Govt Advocate 1937, Govt Advocate, 1944, Chief Warden, A R P during World War II, Pres Annie Besant School, Allahabad, Madan Mohan Malaviya Coll, Allahabad, Harijan Ashram Allahabad, Ex Chief Commnr, U P Bharat Scouts and Guides, member, Allahabad Univ Court, Judge, Allahabad High Court 1946 53 Acting Chief Justice, 1952 *Publications* Contributes to the press on current problems *Recreations* Scouting, Education, Special Service *Club* Flying Club *Address* New Delhi

SARAWGI, Dharam Chand, Proprietor Jokhiram Baijnath, Director Steel Syndicate Ltd and Hindusthan Lace Manufacturing Corporation Ltd *b* in 1905 at Ranchi in a philanthropic Jain family, *s* of Baijnath Sarawgi, *m* (1st) Giniya Debi, *d* of Bastiram Sontholia (2nd) Moti Debi *d* of Paresh Das Jain of Arrah two *s*, Nirmal Kumar & Chandra Kumar and two *d* Shanti Devi & Lachmi Kumari, *Educ* privately by guardian tutors efficiency in English Hindi & Bengali, besides working knowledge of Mahajani, Gujarati and Rajasthani Made an extensive tour of Europe including Russia, 1929, had an air trip round the world with his wife in 1947 again went to the Sanitary Health Congress Hastings (U K) as delegate of Calcutta Corporation and also visited several Nature Cure Centres in the Continent, 1953 got A Class Pilot Licence 1930, Secy Marwari Relief Society (1936 & 1937), again elected as Gen Secretary, Marwari Relief Traders Association (1938), Vice Pres Marwari Relief Society 1947 50, Merchants Cttee 1949 50, Jain Sabha and Burrabazar Yubak Sabha, Pres Digambar Jain Navajuvak Samiti and Mahabir Pustakalaya, 1931-44, Calcutta Marwari Sammelan and Juganter Club, 1949 50, Kumar Sabha Pustakalaya (1949 51) and Merchants' Chamber of Commerce, recently elected Councillor Calcutta Corpn (uncontested) *Publications Seven months in Europe* (Europe Men Sat Mas), *Gharelu Prakritik Chikitsa Nerog Rahne ke Prakritik Upay* besides numerous articles of literary value on varied and interesting subjects contributed to and published in Hindi periodicals of repute *Recreations* Motoring Travelling, Flying Swimming, *Photography*, Naturopathy *Clubs* Bengal Flying Club College Square Swimming Club *Address* Jokhiram Baijnath 8/1 Esplanade East Calcutta *Residence* Jain House 8/1, Esplanade East Calcutta



SARDA, Dewan Bahadur Har Bilas, F R S L, M R A S, F S S *b* 3rd June 1867 Apptd Guardian to H H the Maharaja of Jaisalmer in 1894 was Subordinate Judge First Class at Ajmer till 1919 and was Sub-Judge and Judge Small Causes Court Beawar till 1921, Judge, Small Causes Court Ajmer, 1921 23 officiated as Addl Dist and Sessions Judge, retired, 1923, Senior Judge, Chief Court, Jodhpur, 1925, member, Leg Assembly, 1924, re elected, 1927 and 1930 was Dy Leader, Nationalist Party in Legislative Assembly, was one of the Chairmen of the Leg Assembly, presided over Indian National Social Conference at Lahore, 1929 and All India Vaish Conference at Bareilly in 1925, Diwan Bahadur, 1932, awarded Silver Jubilee Medal, 1935 and Coronation Medal, author of Child Marriage Restraint Act, popularly known as the Sarda Act ' *Publications Life of Dayanand Saraswati, Hindu Superiority, Ajmer Historical and Descriptive Maharana Sanga, Maharana Kumbha, etc* Editor of the Dayanand Commemoration Volume Commemoration volume was presented to him in Oct 1937 *Address* Harniwas Civil Lines, Ajmer

SARKAR, Mr Justice Amal Kumar, Barrister at Law Judge High Court Calcutta *b* June 29, 1901, *s* of Kali Kumar Sarkar and Basanta Kumari *Educ* Scottish Churches and Bangabasi Colleges Univ Law College Practised as an advocate in the High Court, at Calcutta *Club* Calcutta Club *Address* 55 Baghbazar Street, Calcutta 3

SARKAR, Sir Jadunath, Kt, C I E, M A, Premchand Roychand Scholar, D Litt, Hon Member of Royal Asiatic Society (London) Hon mem American Hist Assoc Hon F R A S B Member of Indian Hist Records Comn (1919 41) Corr Member R Hist S (London) Campbell Gold Medalist (Bom br R A S) *b* Dec 10, 1870, *m* Kadambini Chaudhuri *Educ* Presidency Coll Cal Vice Chancellor, Calcutta University 19 Indian Educational Service (retd), Prof of Modern Indian History, Hindu Univ of Benaras (1917 19) Sir W Meyer Lecturer, Madras Univ (1928), Reader in Indian History, Patna University (1920-1922 and 1932) *Publications India of Aurangzeb—Statistics Topography and Roads History of Aurangzeb* 5 Vols *Shivaji and His Times, Mughal Administration, Studies in Aurangzeb s Reign, Anecdotes of Aurangzeb Chaitanya, India Through the Ages Fall of the Mughal Empire*, 4 Vols *House of Shivaji* Edited Irvine s *Later M* [illegible] *Reco* [illegible] Cal [illegible]

SARMAH, Debeswar M P *b* 1897, *s* of late Tankeswar Sarmah of Kenduguri, Jorhat Assam *Educ* Graduated from Cotton Coll, Gauhati law degree from Ripon Coll, Calcutta A sportsman secured all Assam Tennis Championship Cup in 1916, joined Non Co operation movement 1920, was imprisoned, took leading part in 1930-33 and 1940 42 movements and imprisoned, elected to Assam Leg Assembly, 1937, elected Chief Whip of the Congress Party and then of the Congress Coalition Govt in Assam, 1938, member, Tea Garden Labour Enquiry Cttee, Assam 1938, offered Individual Satyagraha, 1940 and was imprisoned, was arrested, 9th Aug 1942 and detained as Security prisoner till March 1945, elected Speaker, Assam Leg Assembly, March 1946, resigned, Sept 1947, Dominion Agent in Manipur State, Sept 1947 June 1948 Pres, Assam P C C, 1949-50, member, Working Cttee Indian National Congress, 1949 50 elected to the House of the People from Golaghat Jorhat Constituency 1952 member Estimates Cttee *Address* Nehru Park Jorhat Assam

SASTRI, Ballapinni Nanjunda, M Sc A R I C, A I I Sc, F I A Sc, Chief Editor Wealth of India, CSIR News, Journal of Scientific and Industrial Research 'Vignam Pragathi and other publications of the Council of Scientific & Industrial Research India *b* Dec 5, 1905, of a Brahmin family of Sanskrit scholars and poets *m* Bhagirathamma two *s* and one *d*, *Educ* Central College Bangalore B Sc (Mysore Univ), Merit Scholar (Chemistry), Post graduate research in Bio chemistry at the Indian Institute of Science Bangalore M Sc (Bombay Univ) Research Biochemist, Tea Research Institute Ceylon (1930 32) Lecturer in Biochemistry Indian *Institute of Science Bangalore (1932 42)* Lecturer History of Science & Scientific Method Delhi Univ (1946 49), Member Documentation Cttee I S I since 1948, Publisher Current Science (1932 42) *Publications* Over 40 research papers in Biochemistry, Plant Physiology and Plant Products *Recreations* Study of Sanskrit classics *Address* Publications Division Council of Scientific and Industrial Research Old Mill Road N Delhi 2

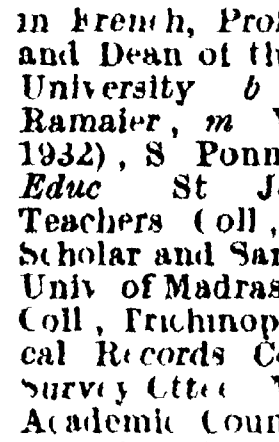
SASTRI, M Patanjali, B A, B L (Madras Univ), Ex Chief Justice of India *b* Jan 4, 1889, *s* of Pandit Krishna Sastri, formerly Senior Sanskrit Pandit, Pachaiyappa s Coll Madras *m* Srimathi M Kamakshi Ammal three *s* and four *d* *Educ* Pachaiyappa s College and Law College Madras practised as Advocate in the High Court at Madras elevated to the Bench, 15th March 1939 Judge, Federal Court Dec 6 1947, Judge Supreme Court Jan 26, 1950 51, Chief Justice of India 1951 53 *Address* 5, York Place New Delhi

SATHAYE, Dr Dinkar Dhondo, F R F P S (Glas), Ophthalmic Surgeon, Bombay and Poona *b* 1874, at Poona *s* of R S Dhondo Sakharam Sathaye, Executive Engineer Madhya Pradesh, *Educ* Poona City School, Morris Coll, Nagpur, Grant Medical Coll Bombay, Edinburgh, Glasgow, London Berlin Vienna Congressman since 1891 Satyagrahi since 1919, Disciple of Dadabhai Nawroji, Lok Tilak, Mahatma Gandhi organised the First Labour Union of Railwaymen 1917, is specially interested in public health and allied problems founded in Bombay Haji Bachooali Free Ophthalmic Hospital Parel 1914 Bhoomaya Poshetti Ashanal Free Municipal Eye Hospital Kamathipura 1920 National Medical Coll 1921 *People s* Free Hospital [illegible] Dharmartha Davakhana [illegible] seven free Ayurvedic Disp [illegible] Free Hospital, 1930 in Poona Mahatma Gandhi Free Eye Hospital, 1948, Secy Bombay National Union since 1908 Indian Home Rule League, 1915, Bombay Provincial Congress Cttee, 1916 Influenza Epidemic Relief Cttee, 1918 Satyagraha Cttee All India Congress Cttee 1919, Indian Medical Assoc, Bombay Citizens Peace Cttee 1928, member Congress Deputation in England 1919, edited Ophthalmic Bulletin, founded Bombay Ophthalmological Society *Publications* A book on Ophthalmology in Hindi and Marathi *Address* Ophthalmic [illegible] Narayan Peth Poona 2



SATHIANATHAIER, R, M A, L T, Diploma in French, *Professor* of History and Politics and Dean of the Faculty of Arts Annamalai University *b* Feb 9, 1896, *s* of P V Ramaier, *m* V S Lakshmi Ammal (*died* 1932), S Ponnammal, three *s* and two *d*, *Educ* St Joseph's Coll, Trichinopoly Teachers Coll, Saidapet, Madras Research Scholar and Sankara Parvati Lecturer (1914) Univ of Madras Asstt *Professor*, St Joseph s Coll, Trichinopoly, member Indian Historical Records Comn and Regional Records Survey Cttee Madras Syndicate Senate and Academic Council Annamalai Univ Chairman, Board of Studies in History and Politics and Convener, Research and Publication Cttee Annamalai Univ Hon Correspondent Madras Museum *Publications History of the Nayaks of Madura Studies in the Ancient History of Tondamandalam A Political and Cultural History of India* 3 Vols *Address* 10 Professors Quarters Annamalainagar P O (S India)

SAWANTWADI Her Highness Rajmatoshri Parvatidevi Bhonsle of *b* 1907 *g d* of His late Highness Sayajirao Gaekwad of Baroda *m* Major H H Sir Khem Sawant V, the late Rajasaheb of Sawantwadi in 1922 *Educ* Baroda Bently Priory Girls' School, Middlesex, England War invested with full ruling powers and appointed the Regent of the State, by the Crown till May 1947 successfully shouldered the responsibility with view to following explicitly in the steps of her husband, was responsible for



considerable progress in all branches in the State administration, had taken special interest in medical relief, and in rural development in the State *Address* Sawantwadi

SAWANTWADI His Highness Raja Bahadur Shrimant Shivram Sawant Bhonsle, the Raja of *b* 1927, *m* Princess Sarla Raje 2nd *d* of H H the Maharaja of Baroda Dec 8, 1951 *Educ* Doon School, Dehra Dun Wadia College, Poona had a long and strenuous course of military training Succeeded to the *gadi* 1937 was invested with full ruling powers May 12, 1947, successfully held responsible posts in the military has acquired sufficient knowledge of administrative matters by undergoing training with the Commissioner Southern Division, Bombay has fallen in line with the rulers of other Indian States in having his State with an area of 930 sq miles, a population of 252 170 and a revenue of Rs 10 34 597 merged into the Union of India is a keen sportsman, an excellent musician an artist, a soldier and an administrator *Address* Sawantwadi



SAYEED, Mr Justice Basheer Ahmed, M A B L Puisne Judge, High Court of Judicature Madras, since July 1949 *b* Feb 20, 1900 at Madras *m* Fathima Akhtar B A, 1941 three *s* and two *d* *Educ* Madras Christian Coll and the Madras Law Coll A practising lawyer from 1925 Publicist from 1921, was Secy, Tamil Nad Provincial Congress Cttee and the Madras Dist Congress Cttee member, Madras Legislature 1926 46, Madras Corporation for 5 terms, representing the National Con Party, member, Madras Law Coll Council since 1939 Syndicate and other authorities of the Madras Univ, since 1933 also of Annamalai Univ for over 20 years was member, Madras Bar Council for 2 terms was on the Court of the Aligarh Univ for 2 terms Chairman Southern India Education Trust Madras forceful speaker and debator in English Tamil and Urdu *Address* Sadhr Gardens, Alwarpet Madras 18

SCOTT, Sidney Murray, Branch Manager Burmah Shell Bombay *b* Feb 17 1908 *s* of James Scott *m* Edith Mary MacDuff one *s* and two *d*, *Educ* Dulwich Coll London *Recreations* Golf Tennis *Clubs* Royal Bombay Yacht Club Delhi Gymkhana Club Bombay Gymkhana Club *Address* Pedder House Pedder Road Cumballa Hill Bombay

SELWYN, Joseph Francis, Electrical and Mechanical Engineer Industrialist and Government Contractor Proprietor Great Western Engineering Works and Electro Engineering Co Director, Stainless Products Ltd *b* July 22 1909, *s* of Edward Francis Selwyn *Educ* St Xavier's and V J T I, Bombay Served indentured apprenticeship in the former G I Railway Electrical Dep widely travelled in Eu pean industrial centres, He owns and personally manages large and well equipped workshops specialising in structural construction and fabrication of railway equipment and fittings welding plants and industrial equipment *Recreations* Driving, Racing Swimming *Clubs* R W I T C Catholic Gymkhana W I A A Club house A A (England) *Address* Franconia Dubash Estate Road Colaba Bombay 5



SEN, H E Shri Binay Ranjan, C I E, I C S Indian Ambassador to Italy and Yugoslavia Rome *b* Jan 1 1898 *m* Chiro prova Chatterjee (I and Oxford Univ Dist Magistrate Midnapore, 1937 40, Revenue Secy to Govt of Bengal, 1940 43 Director of Civil Evacuation Bengal, 1942 43, Relief Commr 1942 43, Director General, Food Govt of India, Dept of Food New Delhi 1943 45, Secy to the Govt of India Dept of Food, 1945 47 First Counsellor and Minister to the Embassy of India in the U S A, 1947, Secy Ministry of Agriculture Govt of India 1948 Charge d Affaires ad interim and Minister Plenipotentiary to the Indian Embassy in Washington till Feb 1950, Indian Ambassador to Italy and Yugoslavia Feb 1950 Indian Ambassador in U S A Address Embassy of India Rome

SEN, Mrs Hannah, B A (Hons) B T (1st Class) (Calcutta Univ), Teachers Diploma (London), Hon Development Secy, Lady Irwin College, New Delhi Principal New High School for Girls Bombay, 1922 25, was in England, closely associated with British women's organisations and engaged in activities of a socio political character, 1925 was invited to return to India to take charge of the Lady Irwin College New Delhi which was about to be established in 1932, its Directress till Nov 1947, is deeply interested in educational problems and women's activities, Patron All India Women's Conference, member Central Maternity and Child Welfare Bureau, Central Cttee of the All India Conference of Social Work, Executive Board of the All India Assoc for Moral and Social Hygiene, Nursing Council of India, United Council for Relief and Welfare recently as Chairman of the Clothes Collection and Work Parties Sub Cttee of the United Council for Relief and Welfare, she was engaged in intensive relief work in an endeavour to meet the clothing requirements of millions of displaced persons and victims of disturbances as Hon Adviser to the Ministry of Relief and Rehabilitation helped to rehabilitate the several thousands of unattached and destitute women and children who came to India in the wake of the partition Hon General Secy Indian Council for Child Welfare attached to the United Nations Educational, Cultural and Scientific Organisation is member Executive Board and the Text Book Cttee of the Indian National Commission, acted as one of the representatives of the Indian Conference of Social Work at the International Conference of Social Work held in Atlantic City and New York, 1947, Sole Representative of the All India Women's Conference, of which she was a Vice Pres, at the U N O Conference of Non Governmental Organisations in Geneva, May 1947 has been selected by the Govt of India to represent India on the U N Commission on the Status of Women *Publications* The Section of Education in *Our Cause* published by Kitabistan as well as several articles in educational and social welfare journals *Address* 5, Sikandra Road New Delhi



SEN, Kshitish Chandra, B A (Calcutta) 1909 B A (Cambridge) 1912 Ex Pres Industrial Court Bombay *b* 1888 *m* Lila Das Gupta *Educ* Presidency Coll, Calcutta and Trinity Hall, Cambridge Joined I C S, 1913 Assistant Collector, Nasik and Dharwar districts, 1913 20, Assistant Judge, Dharwar, Sholapur, Khandesh and Thana districts, 1920 23, Assistant Remembrancer of Legal Affairs and Secretary to Legislative Council, 1923 24 Deputy Secretary, Legal Department 1924 25 District and Sessions Judge, Thana and Kanara districts, 1923 and 1925 28 Registrar of High Court, Appellate Side 1928 31 District and Sessions Judge Hyderabad (Sind) 1931-34 Remembrancer of Legal Affairs 1935 37 officiated as Judge, High Court of Bombay in 1934, 1936 and June 1937 to February 1939, Additional Judge, High Court of Bombay, March 1939 to 1941, when confirmed as a permanent Judge, retired from High Court October 1948 *Address* Mafatlal Park, Bhulabhai Desai Road, Bombay

SEN, Kshitish Chandra, D Sc, Fellow of the National Institute of Sciences of India, Vice Pres Indian Dairy Science Association, Director of Dairy Research, Govt of India *b* January 31, 1899, *Educ* Bangabasi College, Calcutta, Muir Central College, Allahabad, Biochemical Laboratory Cambridge, Rowett Research Institute Aberdeen Demonstrator, Chemistry Department, Allahabad Univ, 1924-29, Biochemist, Indian Veterinary Research Institute, Mukteswar Kumaon, 1929-36, Officer in-charge, Animal Nutrition Section, Indian Veterinary Research Institute, Izatnagar, 1936-44, Director, Indian Dairy Research Institute, Bangalore since 1944 *Publications* Over 100 original papers in colloid chemistry, general biochemistry, animal nutrition and dairy science, Author of a monograph on *Animal Nutrition Research in India* (in Press) Chief Editor, Indian Journal of Dairy Science *Club* Bangalore Club *Address* Indian Dairy Research Institute Bangalore

SEN, Dr Nikhilranjan, D Sc (Cal), Dr Phil (Berlin), F N I, Ghosh Professor of Applied Mathematics, University of Calcutta *b* May 23, 1894, *s* of Kalimohan Sen, Pleader Dacca (East Bengal), *m* Binarani Sen, *d* of N C Sen Barrister, Rangoon, and *g d* of Nabinchandra Sen, Bengali Poet, two *s* and one *d*, *Educ* Dacca Collegiate School, Rajshahi Collegiate School and College, Presidency College, Calcutta (1911-15), Universities of Munich and Berlin Joined University College of Science Calcutta as lecturer in Applied Mathematics (1917) elected to Ghosh Chair in Applied Mathematics (1923) (foundation) Fellow, National Institute of Sciences of India *Publications* Contributions to research journals on Relativity and Astrophysics *Address* University College of Science and Technology Calcutta

SEN, Saileswar, M A (Calcutta), D Litt et Phil (Amsterdam), Professor & Head of the Dept of Philosophy Andhra University, since 1932 *b* June 29, 1897, *s* of Ekkari Sen and Kunjakamini Devi, *m* Renu Devi, one *s* and one *d*, *Educ* Calcutta Univ (Oriental Seminary, Scottish Church Coll & Univ Coll) Amsterdam Univ Lecturer in Logic, Uttarpara Coll, 1924 25, District Inspector of Schools, Bengal Edu Service 1926 29, Reader in Philosophy Annamalai Univ 1929 32 *Publications* *A Study on Mathuranatha's Tattvacintamanirahasya*, *Bharatitirtha's Vivaranaprameyasangraha* (in collaboration with S S S Sastri) *Sankhya Darsana* (in collaboration with K S Sastri) Several articles in learned journals *Club* Vizagapatam Century Club *Address* Maharanipeta P O, Vizagapatam

SEN, Sukumar, B A (Calcutta), Chief Election Commissioner Govt of India, since March 1950 *b* Jan 2 1898 *s* of late Akshoy Kumar Sen, Retired Bengal Civil Service, *m* Gouri Sen, *d* of late Jagadish Chandra Sen, Retired District Judge, Bengal, two *s* and two *d* *Educ* Presidency College, Calcutta and Univ College, London Passed I C S, 1921, joined Service, 1922, S D O, Chuadanga (Nadia) and Serajgunj (Pabna), 1924 27, District & Sessions Judge, 1928 47 Chief Secy West Bengal Aug 1947 March 1950 organised and conducted the first general elections in India on universal adult suffrage in 1951 52 Chairman from March 1953 Sudan Electoral Commission Khartoum for the duration *Recreation* Tennis *Clubs* Calcutta Club and Delhi Gymkhana Club *Address* 2 Safdarjung Road New Delhi

SEN, Sir Usha Nath, Kt (1944), C B E (1931) Adviser Press Trust of India, New Delhi *b* 6th October, 1880, *Educ* Ripon College, Calcutta *Address* The Western Court, New Delhi

SENGUPTA, Monoranjan, B Sc (Cal), B Sc (Eng) (Hons) Glas, C P E (Glas), M I E E (Lond) M I Mech E (Lond), M I E (Ind) F I P S (Ind), Univ Professor and Head of the Dept of Electrical Engineering and Principal of the Engineering College, Benares Hindu Univ *b* June 28, 1903, at Rangpur, Bengal, *Educ* Rangpur Zilla School Bengal Ananda Mohan College, Mymensingh, Rajshahi College, Bengal Glasgow University Prof & Head of the Dept of Electrical Engineering Bengal Engineering College, for over ten years, Principal, Engineering College, Benares Hindu Univ and Officer in Charge, Technical Training Centre, Dept of Labour, Govt of India, since September 1944, Member, Board of Studies in Engineering and Metallurgy Section, All India Council of Technical Education, Different Boards of Studies of various Universities, Development Board Post war Reconstruction Scheme Govt of Bihar, Development Board Roorkee Univ *Publications* Several scientific papers read and published *Statistics for Engineering Production in India* indicating uses of raw materials available in the Country, *Utilisation of Photo Electric Tubes in Industry Modern Traction System Training of Post graduate Engineers Design and Performance of High gain-Amplifier Comparison of British Grid System with other existing Transmission Systems in the World* Presidential Address delivered at the Annual Conference of the Indian Science Congress at Allahabad as Pres of its Engineering and Metallurgy Section 1949 *Address* Banaras

SESHACHAR, Rajasevasakta (1916), Diwan Bahadur (1931), K R, B A B E, M L C, Retired Chief Engineer Mysore *b* Nov 1 1870, in a village in Hasacote Taluk Bangalore Dist *Educ* Had a brilliant academic career B A from Central Coll Bangalore 1892 C E of the Coll of Engineering Madras 1896 B L (Madras Univ) 1897 Joined Mysore P W D service 1898, rose from the grade of Sub Asstt Engineer to Chief Engineer 1924 Organiser and Principal Coll of Engineering Bangalore, 1917 23 worked in preparing Krishnarajasagara Reservoir and Canal Projects and in executing those works 1910 23 awarded the titles of Rajasevasakta by the Mysore Palace and Diwan Bahadur by the Govt of India for the successful completion of the above works retired from Govt service 1931 has been working on several Engineering Offices since then nominated M L C Mysore 1952 *Address* No 34 3rd Cross Road Basavangudi Bangalore



SETALVAD, Venkatrao Chimanlal, B A, L L B, Managing Director, The Industrial & Prudential Assurance Co Ltd and Director in charge, The Vulcan Insurance Co Ltd *b* 1897 *s* of late Sir Chimanlal H Setalvad K C I E, Advocate, High Court and Lady Krishnagauri *m* Smt Jasumati, *d* of Dhirajlal Thakore, Bar at law, two *s*, Anant and Harendra, *Educ* Wilson Coll and Govt law Coll, Bombay Member Bombay Municipal Corporation, 1930 33, Schools Cttee 1930 39, Committee of the Western India Automobile Assoc, was at one time its Pres, was for some time member, Film Censor Board, Govt of Bombay, has been Secy, Radio Club for a long time Pres for two years, was Hon Presidency Magistrate for a long time *Club* Radio Club *Address* Setalvad Bungalow 9 Setalvad Road Nepean Sea Road, Malabar Hill, Bombay

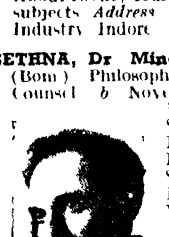
SETH, Kunj Beharilal, M A, B Sc, L L B, I C S, Chief Secretary to Govt, Madhya Pradesh *b* 1895, *s* of Mohanlal Seth, *m* Shrimati Mahalakshmi Seth, *Educ* Nagpur and Oxford Assistant Commissioner, District and Sessions Judge Deputy Commissioner, Senior Deputy Registrar, Co operative Societies, Revenue Secretary to Govt Prime Minister, Alwar State, Prime Minister, Kotah State Commissioner, Chattisgarh Division and Administrator Matsya Union *Club* Gondwana Club Nagpur *Address* Nilaya, Amraoti Road Nagpur

SETHI, Seth Lalchand Balchand, Rai Bahadur Vanijya Bhushan, Jain Ratna, Tajir-ul Mulk Tazimi Sardar and Jagirdar of Jhalawar State now merged in Rajasthan Union, Banker and Millowner *b* 1893, *s* of Seth Balchandji, *m* Ratna prabha, *d* of Sir Hukumchand, Kt, Indore, 1910 one *s* Lt Bhupendra Kumar, B A Head of the firm of Seth Binodiram Balchand, Bankers Managing Agents, the Binod Mills Co Ltd (including Deepchand Mills), Narendra Chemical Works Bhupendra Iron and Metal Works & other concerns, President All India Khandelwal Digamber Jain Mahasabha 1919, President, The Municipal Board Ujjain 1935 1947, The Cotton Merchants Association, Vikram Education Public Trust Yuvraj General Library, Ujjain Vice President, The Forward Cotton Association, The Chamber of Commerce Ujjain, The Hindi Literary Society of Central India, Indore, The Digamber Jain Sabha, Malwa, General Secretary The Rajputana Hindi Sahitya Sabha, Jhalrapatan City Managing Director and Chairman Board of Directors, The Binod Mills Co Ltd Ujjain Director, The Hukumchand Mills Ltd, The Central India Insurance Co Ltd, Indore The Vulcan Insurance Co Ltd, Bombay, New Manekchowk Spinning & Weaving Mills Ltd, Ahmedabad Chairman, Managing Board, Model High School, Ujjain, is a regular contributor to charitable institutions *Recreation* Reading *Clubs* The Cricket Club of India, The Willingdon Sports Club The Radio Club, Bombay, Jiwaji Club, Gwalior, Shri Yeshwant Club Indore Shri Madhav Club, Ujjain *Address* Binod Bhawan, Ujjain (M B)



SETHI, Ram Lal, Rai Bahadur, M Sc (Punjab) 1917, B Sc Agriculture (Edin) 1921, I A S Director Institute of Plant Industry, Indore, since Jan 1953 *b* April 20 1894 *Educ* Govt College Lahore and Univ of Edinburgh Economic Botanist to Govt U P, 1922 36, Secy Adviser to Sir John Russell 1936 37, Assistant Agricultural Commissioner Govt of India 1937 40, Professor of Agriculture and Principal, Govt Agricultural College, Kanpur, 1941 Cane Commissioner to Govt, U P 1941 45, Director of Agriculture, Sind 1945 47, awarded title of Rai Bahadur June 1937, Agricultural Commr to the Govt of India 1947 52 *Publication* About twenty four scientific papers on different subjects *Address* Director Institute of Plant Industry Indore

SETHNA, Dr Minocher Jehangirji, Ph D (Bom) Philosopher Writer Professor and Counsel *b* November 1 1911, *s* of late Dr Jehangirji Muncherji Sethna D V S O B V C, Professor of Biology *Educ* Masters Tutorial High School Wilson College The Bombay University and at Middle Temple, London Is a Professor at Govt Law Coll Bombay a keen writer and a scholar who has dedicated his life to writing and to philosophical research *Publications Society and the Criminal a Standard Text Book on Indian Company Law a Standard Text Book on Indian Mercantile Law Civil Wrongs and Their Legal Remedies* and some philosophical writings *Address* Sethna Lal Road Bombay

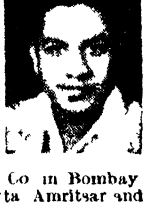


SHAH, Ambalal Narottamdas, B A (Bom) B A, L L B (Cantab), Bar at Law President, Income tax Appellate Tribunal Bombay *b* September 29 1896 *s* of N K Shah retired Suba, Baroda District and Mrs N K Shah *m* Kamla Banker, one *s* and two *d* *Educ* Baroda College Elphinstone College, Bombay, Queen's College, Cambridge passed I C S Examination in 1920 and returned to India in 1921 Assistant Commissioner, Madhya Pradesh, Under Secy to Govt, Madhya Pradesh Deputy Commissioner, Town Settlement Officer, Registrar of Co operative Societies and Director of Industries, District and Sessions Judge, Nagpur, Legal Remembrancer and Secy to Govt Madhya Pradesh Legal Adviser to the Military Governor, Hyderabad (Deccan) *Recreations* Club games *Clubs* Gondwana Club Nagpur Willingdon Sports Club Bombay *Address* Mahalal Lal Warden Road Bombay 26

SHAH, Amritlal Popatlal, B A (Hons) Dewan former Lunawada State (Gujarat) *b* June 11, 1906 *m* Miss Shantadevi, *d* of Lallubhai N Shah *Educ* Dhandhuka High School Dhandhuka Bahauddin College, Junagadh Brilliant career both at the High School and College A good speaker and debater Won several elocution prizes at the College Advocate, High Court of Judicature at Bombay Joined Lunawada State Services in 1929 under British Administration Worked as Revenue Officer Customs Officer Huzur Secretary Special First Class Magistrate & Nyayadhish and member of the Executive Council His services were taken on loan by the Balasinor State in 1935 as Office Superintendent, won the love and esteem of people there and reverted to Lunawada State service again, satisfied all concerned including the Ruler and the ruled and appointed Dewan on March 18, 1944, conducted the administration efficiently during the Ruler's absence on the Italian Front, retired on the dissolution of the Executive Council by the Lunawada Govt on the eve of constitutional and political changes, awarded the grant of Double Tazim in recognition of his long service to the Ruler and subjects of Lunawada, has studied and expanded the industries in the State is working as the Secretary Saurashtra Millowners Association has been reorganising the office on modern lines and his work has been greatly appreciated by the Millowners *Address* Shiv Kunj Behind Tam Building, Porbandar (Saurashtra)



SHAH, Babubhai Bhailal, B Com (Bom) Partner Bharat Rope & Lace Manufacturing Co Ahmedabad *b* June 1 1921 *s* of Bhailal Bulakhidas Shah and Smt Parvati Bhailal Shah, *m* Smt Sarojinee one *s*, *Educ* H L Coll of Commerce Ahmedabad Joined his father's business 1945, is deeply interested in manufacturing cotton ropes and bandings cotton spindle tapes, etc formed and established the firm of Prashant Gautam & Co 1949 established branches of Bharat Rope & Lace Mfg Co in Bombay Indore Kanpur Delhi Calcutta Amritsar and Jaipur *Address* 1138 Devji Saraiya's Street Sankadi Shery Ahmedabad



SHAH, Chandulal T, Hony Presidency Magistrate & J P, Chief Agent, Crown Life Insurance Company (of Canada) *b* in Wadhwan, Jan 29, 1906 After completing his education, entered insurance business in 1926 as independent Chief Agent for several British and American Fire Insurance Companies, joined Crown Life in August 1931, appointed as Chief Agent for Bombay Presidency in 1932 admitted into partnership in the Chief Agency for the All India Organisation of the Company in Jan 1936, Deputy Manager for India & Ceylon, 1945, takes keen interest in social activities and contributes generously to deserving causes, his total charities so far amounting to over Rs 2,00 000, has recently donated Rs 10,000 to Dr Balabhai Nanavati Hospital and Rs 15,000 to the Kumarika Stree Mandal Vile Parle, Rotarian, Freemason Lodge Aryan Lodge Bombay and Lodge J P Member of Managing Cttee of various social, charitable and educational institutions *Clubs* Bombay Presidency Radio Club Ltd, Rotary Club, C C I, Krishna Hindu Merchants *Address* (*Residence*) 'Kum Kum' Opp Aerodrome, Vile Parle Bombay 24 (*Office*) Fazalbhoy [illegible] Bombay 1



SHAH, Himatlal Mohanlal, Prominent Paper merchant, Bombay Proprietor Himatlal & Co *b* Feb 9, 1916, at Bombay *Educ* Bombay High School, St Bombay Started his career in a firm dealing in paper joined another paper firm as a partner, 1940 started his own business in paper under the name and style of Himatlal & Co, 1943, toured Europe, U K U S A and Canada several times for business purposes, has donated to many charitable institutions and worthy causes member Indian Merchants Chamber, Paper Traders Association, Indian Stock [illegible] *Clubs* C C I National Stadium W I A A National Sports Club *Recreations* Badminton travelling *Address* Himatlal & Co 26 Noble Chambers, Parsi Bazar Street, Fort Bombay



SHAH, Mr Justice Jayantilal Chhotalal, LL B, Judge High Court Bombay *b* Jan 22, 1906, *s* of Chhotalal A Shah and Ruxmani C Shah, *m* Mrs Madhuben J Shah two *s* and two *d* *Educ* R C High School, Ahmedabad Gujarat Coll, and Elphinstone Coll Bombay Practised at Ahmedabad District Court and at Bombay High Court Advocate (O S) *Clubs* Orient Club, W I A A Club *Address* Flat No 2, Shangri La, Carmichael Road Bombay No 26

SHAH, Jayvaden Anupchand, B Sc (Econ) (Lond) Bar at Law, I F S First Secy (Commercial) High Commission of India London since May 5 1952 *b* Nov 20, 1906, *s* of Anupchand M Shah and Manek Shah *m* Vidya M Kapadia one *s* and one *d* *Educ* France and later in the London School of Economics and Middle Temple called to the Bar 1931 Joined the Bombay Bar and practised for 16 years till April 1949 Joined Indian Foreign Service, April 1949 appointed First Secy (Commercial), Embassy of India, Rome First Secy, Embassy of India Rio de Janeiro, Aug 1950 Jan 1951, was made Envoy Extraordinary and Minister Plenipotentiary for the occasion of President Getulio Vargas's inauguration Charge d Affaires, Embassy of India Rio de Janeiro 1951 *Address* India House Aldwych London W C 2

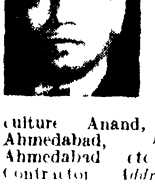
SHAH, Manharlal Mansukhlal, B Sc (Hons), B Sc (Tech), Minister for Finance Govt of Saurashtra *b* Nov 1, 1915, *m* Shrim Vidyaben Mehta, B A, two *s* and one *d*, *Educ* Baroda Coll, Baroda, Royal Institute of Science, Bombay Served in high technical and administrative posts in the Delhi Cloth & General Mills Co for over 12 years *Address* Rajkot

SHAH, Chief Justice Mohanlal Chunilal, B A LL B Chief Justice High Court of Saurashtra *b* Dec 30, 1898, has one *s*, Madhusudan M Shah, *Educ* Wilson Coll Bombay Taken up in Bombay Judicial Service July 1925 appointed Asstt Judge & Additional Sessions Judge April 1939 District and Sessions Judge till Oct 1947 was member of the Industrial Court, Bombay, Oct 1947 to end of Dec 1950, was appointed Judge, Saurashtra High Court *Address* Chief Justice's Bungalow, Rajkot

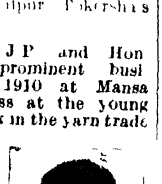
SHAH, Mohanlal L, Prominent business man and industrialist of Calcutta *b* August 1892 Partner in the firm of Managing Agents for the Mohini Mills, Ltd Nos 1 and 2 and Chimanlal Vadilal & Co Ex President, Indian Chamber of Commerce and Bengal Mill owners Assn Calcutta, Director of several banking, [illegible] tea and insurance Institutions in Calcutta, Presidential Millowners Assoc and All India Organisation of Industrial Employers, Member Cttee of the Federation of Indian Chambers Commerce and Industry, Cotton Textiles Fund Cttee Indian Companies Law Amendment Cttee, Cotton Advisory Board Ex Commissioner for the Port of Calcutta Member, West Bengal Textile Advisory Board West Bengal Provincial Civil Supplies Advisory Board Assessor to the Industry and Trade Panels of the Railway Rates Tribunal etc, [illegible] and interest in social and cultural [illegible] Cannon Street,



SHAH, Ramanlal Nathalal, B E (Civil) (Poona) Contractor and Engineer Partner Shah Mehta & Co *b* Sept 15, 1909, *s* of Nathalal Mansukhram Shah *m* Smt Taralaxmi Maganlal Shah three *s* and four *d*, *Educ* Ahmedabad and Karachi, graduated in Civil Engineering Bombay Univ from Karachi N E D C I Coll 1930 Working as Civil Engineer and Contractor for Roads Buildings Bridges, etc in the name of Shah Mehta & Co, since 1931, carried out important works like Coll of Agriculture Anand, Govt Housing Colony, Ahmedabad, Anathashram Buildings Ahmedabad etc Municipal and Govt Contractor *Address* Jumalpur Pakershas Street Ahmedabad



SHAH, Ratilal Dahyabhai, J P and Hon Presidency Magistrate prominent business man, Bombay *b* 1910 at Mansa (Gujarat) Entered business at the young age of 21 has made his mark in the yarn trade having been a member of the Managing Cttee of the Yarn Merchants Assoc, since its inception, Vice Pres 1937 46 and Pres, 1947 48 and 1949 50 has ventured into foreign trade having founded Ratilal D Khetsey & Co has been associated with many important commercial organisations in the city in various capacities, chief among which was his work as Hon Secy and Treasurer of the All-India Cloth & Yarn Federation in 1943 and 1944 and services rendered to the trade as a member of the Govt Advisory Cttee on yarn distribution, 1945 47, represented the Assoc on the Cttee of the Indian Merchants' Chamber, Bombay, 1937 was member Standing Cttee of Shri Jain Swetamber Conference, Bombay, 1941 50 also member, Editorial Advisory Board of the Industrial & Commercial Publishing Co, Calcutta for some time, was Secy Mansa Mahajan Panjarapole, Bombay for 10 years, Patron, Shree Bombay Jain Swayamsevak Mandal *Address* Hanuman Bldg Tamba kanta, Bombay 3

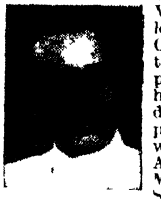


SHAH, Sankalchand Kalidas, Business man *b* Sept 10 1916 *m* Smt Kantabben two and one *d* *Educ* Privately *Address* C/o India Rope Manufacturing Co Companywala Market Kapur Bazar Ahmedabad



SHAH, Shantilal Harjivan, B A, LL B, Minister for Labour and Public Health, Govt of Bombay, Solicitor *b* July 30, 1898, *m* Hiralaxmi one *s* and two *d*, *Educ* Gujarat Coll Ahmedabad Elphinstone Coll Bombay Congress worker in the Bombay Suburban District was convicted and jailed for 18 months 1932 and for 9 months 1941, arrested and detained for 33 months, 1942, member, Bombay Legislative Assembly, Partner Messrs Bhaishanker Kanga and Girdharlal Solicitors Bombay Managing Trustee Saurashtra [illegible] Secretariat Bombay

SHAH, Soomatichandra S, Managing Director, Kooverji Devshi & Co Ltd *b* June 30 1905, *s* of Shivji Devshi Shah Social Worker Author and Theologian, *m* Smt Sarala, Gujerati Novellist, Bombay two *s* and one *d* After completing his education joined his father's business and developed it to its present position has travelled widely in India member Assoc of Merchants and Manufacturers of Textile Stores and Machinery, Indian Standards Institution All India Manufacturers Assoc *Clubs* Hindu Gymkhana W I A A Club House Ltd *Address* 164 Tobar Street Bombay 2



SHAHANI, Ram Tejumal, M A (Bombay), Secretary to the General Manager, Central Railway Bombay, since Jan 1949 *b* Dec 19 1915 *m* Dolly Thadani, *d* of N P Thadani, I C S, two *d*, Rekha and Gita, *Educ* Samaldas Coll, Bhavnagar Appointed to the Indian State Rly Service, Sept 1941, promoted Dist Officer Jan 1945, worked in the various branches of the old G I P Rly in Bhusawal Jabalpur, Jhansi and Bombay, Secy, Rly Staff Benefit Fund Rly Staff Councils Local Advisory Cttee, Bombay, Managing Editor Central Rly Magazine since Jan 1950 *Recreations* Badminton, Billiards, Cards *Clubs* Bombay Presidency Radio Club National Sports Club of India *Address* C/o General Manager, Central Railway V T, Bombay

SHAHMIRI, Mr Justice Khwaja Muzaffar-ud-Din Ahmad, B A (Hons), LL B (Punjab), LL M (London) Bar at Law, Judge, High Court, Jammu and Kashmir and Constitutional Adviser to the State and Constituent Assembly *b* March 28, 1898, *s* of Maulvi Feroze ud Din Ahmad Shahmiri, Vakil, High

Court, Kashmir, *m* Zohra Bano, four *s* and one *d* *Educ* S P Coll, Srinagar, Law Coll, Lahore (Punjab Univ), King's Coll, Univ Coll London School of Economics, School of Oriental Studies, London, and Inns of Court (Middle Temple), Lord Hardinge and Mannersmith Gold Medals (S P College, 1921) Kashmir Govt Scholar, 1918 21, Punjab Govt Scholar, 1921 23, LL B First Class (1925), Foster Campbell Prize Hilary Term 1930 First Class first in Hindu and Mohammadan Law, Trinity Term, 1930 Pleader and Vakil, High Court, 1923 29 Public Prosecutor 1928 29 Special Sessions Judge, Naushera and Mirpur, 1932 33, Sessions Judge, Mirpur, 1940, deputation to Madras for Legal Drafting 1941 42, Law Secy and Legal Remembrance to Govt, 1942 43 Chief Secy to Govt (March June 1942) Governor Jammu Province 1944 45, Chief Secy to Govt, Aug Oct 1945 Director and Controller-General of Civil Supplies, Textile Commissioner and Ex Officio Supplies Secy 1945 47, Governor of Kashmir Province, 1947 48 Dist and Sessions Judge, Kashmir Province and then of Jammu Province, 1948 49 Member, Leg Assembly, 1934 47 Senator and Syndic Jammu and Kashmir Univ *Recreations* Badminton walking *Clubs* Amar Singh Club, Srinagar and Jammu *Address* Judge High Court and Constitutional Adviser, Chaman Aerodrome Road Srinagar

SHAIKH, Mahmood Hasan Khan Haji, Khan Bahadur, Landlord, Hon Magistrate, Dist Patna, Bihar, Member Legislative Assembly Deputy leader of Opposition in Bihar Assembly and Leader of Muslim League Group in Assembly *b* 1898, *m* Musammat Bibi Mariam un Nisani, *Educ* M A O College Aligarh, U P Was Chairman of the Barh Municipality Chairman of the Local Board, Secretary of the Central Co operative Bank Barh, Director of the Provincial Co operative Bank Bihar and Orissa, Member of the Patna District Board, Secretary of the Bayley H E School, Barh and Secretary of male and female hospitals, founder of the Lucas Moslem Girls' Schools, Family enjoys the hereditary title of "Khan" from the time of Shah Alam II Moghul Emperor and had been granted considerable landed properties with 10 000 cavalry and infantry, his ancestors were among the last Governors of Bihar, Finance Ministers and Commanders-in-Chief in Moghul Emperors time, Khan Sahib (1924) *Address* Khan Bahadur Mahmod Garden, Barh, District Patna, Bihar

SHANKAR, Vidya, M A, I C S, Jt Secy to the Ministry of Defence since Aug 1952 *b* November 10 1909 at Partabgarh (Oudh), *s* of Rai Bahadur Avadh Behari Lal and Kaushalya *m* Kantirani, *d* of Rai Bahadur Ganga Nath, two *d*, *Educ* Govt High School, Partabgarh (Oudh) D A V College, Kanpur Univ School of Arts Allahabad and St John's College, Oxford Appointed to I C S (1933), Asstt Collector, Dharwar (1933 37), West Khandesh (1937 38) Poona (1938 39), Under Secy to the Govt of Bombay, Rev Dept (1939-40), Dy Secy, Finance Dept (1940 41), Under Secy to the Govt of India, Home Dept (1941 43), Deputy Secy (1943 46) Private Secy to the Home Member (1946 47), Private Secy to Hon the Dy Prime Minister, Aug 1947 50 Jt Secy, Ministry of States March 1948 Aug 1952 *Recreations* Tennis, Books Badminton and other games *Clubs* Delhi Gymkhana Club Cricket Club of India R W Y C National Sports Club of India *Address* Safdarjung Road, New Delhi

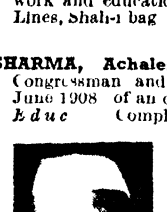
SHANKARSHASTRI, Narasinhshastri Pandit, Jotirmartand, 'Jyotir Vidyabhaskar' conferred in the annual meeting of Sanskrit Sabha at Benares, Bhishagmani Phalitacharya, Sanskrit Parishad, Itawah, 1950 *b* Daivajnamukutalankar Kaviraj Hind (Bronze Medal), 1942, Astronomer, Astrologer and Landlord *b* Dec 19, 1884, *m* Annapurnabai, *d* of Vedamurti Chendramadixit of Laxmeshwar, *Educ* Hosaritti, Compiler of the Annual Indian Calendar known as "Hosaritti Panchang" *Publications* Annual Indian Calendar, *Bhamini Dipika in Sanskrit* (a treatise on Astrology), *Kalachandrika in Sanskrit*, *Sanhita Tajak Sara* (a treatise on Astrology) with Commentary in Marathi *Daivajna Ratnakar* in Sanskrit (a treatise on Astrology), *Griha Ratna-Mala* in Sanskrit (a treatise on Astronomy) Water diviner in Sanskrit, History of Canopus (Agastya Star), History of Ursa Major (Saptarshi Mallika), Life of His Holiness Jembe Maharaj, Life of Pant Balkundri Maharaj of Belgaum *Address* Haveri Dharwar Dist

SHANNON, Godfrey E B, C M G (1951) Deputy High Commissioner for the United Kingdom, Calcutta since 1950 *b* Dec 14, 1907 *s* of late W B Shannon, *Educ* Wellington and St John's College Cambridge Appointed to Dominions Office 1930 Official Secy United Kingdom High Commissioner's Office Wellington New Zealand 1939 41, Deputy High Commissioner for the U K in Canada 1948 50 *Clubs* United Univ, London Bengal Club Calcutta Club Calcutta *Address* 1 Hampton Street, Calcutta 16

SHANTILAL, Mangaldas, B A (Bom), Managing Director, The Jehangir Vakil Mills Co, Ltd Ahmedabad *b* 1901 Managing Director New Jehangir Vakil Mills Co, Ltd, Bhavnagar, Navjivan Mills Ltd, Kalol (N G), Director of several other concerns Pres Saurashtra Millowners Assoc Ahmedabad Mill owners Assoc for 1946 Member Executive Cttee of the Federation of Indian Chambers of Commerce and Industry Sitting Member, Senate of the M S Univ of Baroda Member, Senate of the Univ of Bombay, 1928 43 attended the Textile Cttee meetings of the International Labour Organisation at Brussels, 1946 and at Geneva, 1948 as Employers' delegate, takes interest in social work and education *Address* Near Police Lines, Shah-i bag Ahmedabad



SHARMA, Achaleshwar Prasad, Veteran Congressman and Journalist, Jodhpur *b* June 1908 of an orthodox Puskarna family, *Educ* Completed his early education 1923 Teacher, Education Dept, 1923 28, Asstt Editor, *Tarun Rajasthan*, Beawar, 1929, took leading part in Salt Satyagraha movement at Ajmer and jailed for 1½ years, joined subsequent Satyagraha movements and confined several times in Ajmer jail, participated in the historic Bijolia (Mewar) agrarian movement, 1931, sentenced to hard labour for several months, edited *Sainik* (Agra), *Nava Rajasthan* (Akola) and *Rajasthan Sandesh* (Ajmer) established in Jodhpur, 1936, was several times Secretary and President, Marwar Praja Mandal and Lok Parishad and jailed four times in Jodhpur, 1937-44, detained in different forts of Marwar for 4½ years, widely known throughout Rajasthan for active interest in Responsible Government Movements in different Covenanting States of Rajasthan, founded his own paper *Praja Sewak*, in Hindi, 1940 member, Municipal Board, 1941, recently elected Pres Jodhpur City Congress Cttee *Address* Praja Sewak, inside Sojati Gate Jodhpur



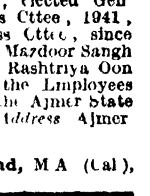
SHARMA, Baldev Prasad, B A, Principal Information Officer, Jammu and Kashmir Govt, since April 1950 *b* Jan 1, 1909, *m* Shrim Kaushalya Devi, four *s*, two *d* *Educ* Sri Pratap Coll Srinagar Correspondent *The Times of India*, 1931 42, *The Hindustan Times*, *The Tribune*, *The Amrit Bazar Patrika*, *The Civil and Military Gazette*, 1934 40 Reuters and Associated Press of India, Founder and Editor *Kashmir Times*, 1934, joined State Publicity Dept as Information Asstt, 1942, promoted Under-Secy, Information and Broadcasting, Jan 1948, Station Director, Radio Kashmir, Oct 1948 *Address* Srinagar Jammu

SHARMA, Pandit Balkrishna, M P Journalist *b* Dec 8 1897, *s* of Pt Jamnadas and Shrim Radha Devi Sharma *m* Shrim Sarala Thakurdas July 1949 *Educ* Madhava Coll, Ujjain (C I) Christ Church Coll Kanpur (Uttar Pradesh) Has been taking prominent part in political activities writes poems in Hindi also short stories and articles on topical subjects Has courted jail some six times and has spent over nine years in prison *Publications* Four Anthologies of Poems named *Kum Kum*, *Rashomi Rekha*, *Apalak* and *Quasi*, others are under preparation *Address* The Pratap Office Kanpur, 5, Windsor Place New Delhi

SHARMA, Brij Lal, B A (Hons), Principal Information Officer, Press Information Bureau, Govt of India, since Feb 1949 *b* April 6, 1906, *Educ* Graduated with Honours from F C College, Lahore, 1927 Was in England including a few years spent in Fleet Street, 1927-33, on the staff of *Hindustan Times*, 1934 Correspondent of *Statesman*, *Civil & Military Gazette*, *Times of India*, *Pioneer*, and *British United Press*, 1935 38, joined Press Information Bureau as Asstt Information Officer, Sept 1938 promoted Information Officer, 1939 Additional Deputy Principal Information Officer, 1942, Deputy Principal Information Officer, 1944 Publicity Co-ordination Officer, Ministry of Information and Broadcasting, 1948, member, Indian Delegation to the Security Council on the Kashmir issue, 1948, appointed Deputy Secy, Information and Broadcasting Ministry, October 1948, Adviser to the Indian Delegation to the 5th Session of the U N General Assembly 1950 Adviser to the Indian Delegation on Kashmir to Geneva, 1952 *Address* New Delhi

SHARMA, Brij Mohan Lal, B A L L B Minister for Law, Labour Education, Relief & Rehabilitation, Transport, L S G and Food, Ajmer *b* 1913, *m* Smt Rathi Devi, four *s* and one *d*, *Educ* Mission High School Beawar, Maharaja's Coll, Jaipur Agra Coll, Agra Started practice at Beawar, 1939, courted imprisonment in connection with the individual Satyagraha Movement, 1940 and Quit India Movement, 1942, elected Gen Secy, Beawar Town Congress Cttee, 1941, Pres Beawar Town Congress Cttee, since 1946, Founder, Rashtriya Mill Mazdoor Sangh at Beawar and Bijainagar and Rashtriya Oon (Wool) Mazdoor Sangh and the Employees Assoc at Beawar elected to the Ajmer State Leg Assembly from Beawar *Address* Ajmer

SHARMA, Prof Diwan Chand, M A (Cal), M P, Hony Professor of English, Punjab Univ, Hoshiarpur *b* March 6, 1896 *s* of Pt Nihal Chand *m* Smt Raj Rani five *s* and three *d* *Educ* D A V Coll Lahore Calcutta Univ Prof of English *Publications* *Men and Manners*, *Prophets of the Past* *Recreation* Walking *Clubs* Burton Club and Services Club Hoshiarpur *Address* Lal Buildings, Hoshiarpur



SHARMA, Mahadeo Prasad, M A D Litt Professor and Head of the Department of Studies in Public Administration and Local Self Government, Nagpur University *b* Dec 7 1904, *s* of Pt Jagannath Prasad, *m*, one *s* and four *d*, *Educ* Govt Intermediate Coll Fyzabad (U P) Univ of Allahabad Lecturer in Political Science S D Coll, Kanpur and in Local Self Govt at Allahabad Univ *Publications Reform of Local Government in India Government of the Indian Republic, Local Government and Finance in the U P Rajniti Ke Siddhant* (Hindi) *Elements of Civics etc Address* Law College Buildings Amraoti Road, Nagpur *Residence* 79, Tagore Town Allahabad

SHARMA, Dr Shanker Dayal, M A, LL M, Bar at Law, D P A (Lond) F R A S (Lond) Ph D (Cantab) Chief Minister, Bhopal *b* Aug 1918, *s* of Khushilal *m* Smt Vimla M A, one *s* *Educ* Allahabad Lucknow and Cambridge Univs, Brinders Fellow of Harvard Law School, U S A, Fellow of the Academy of International Law at Hague Holland Lecturer, Law Faculty, Cambridge Univ Lecturer and Reader in Law, Lucknow Univ Editor in Chief Lucknow Univ Union Journal Editor Lucknow Law Journal *Publications* Published literary and legal articles in Indian and foreign periodicals *Recreations* Swimming *Clubs* Cambridge Univ Majlis, Lucknow Univ Union *Address* Chief Minister Bhopal

SHARMA, Shri Ram, Publicist Oct 1 1899 *s* of Pt Bishambar Dutt Sharma, Journalist Has one *s* and four *d* *Educ* Hindu Coll, Delhi Joined Congress movement, 1921 imprisoned in all Congress satyagrahas, elected to Punjab Assembly, 1937, elected to the Constituent Assembly 1946, Minister Punjab, April 1952 to July 1953 *Recreation* Gardening *Address* Haryana Desh Sewa Ashram, Rohtak

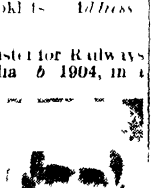
SHARMA, Sri Ram, M A (Delhi) Fellow of the Royal Historical Society, London Principal, D A V College, Sholapur Dir Institute of Public Administration Corresponding Member, Indian Historical Records Commission *b* June 1, 1900, *s* of Pandit Jairam Das, *m* Prakash vati, three *d* and three *s* *Educ* D A V College, Lahore and St Stephen's College, Delhi Joined D A V College Society as a Life-Member, 1923, Professor of History and Politics, D A V College, Lahore (1923-43), Principal, D A V College, Srinagar (1943 46) Pres Mughal Section of the Indian History Congress, 1943 Indian Political Science Assoc 1950 *Publications Religious Policy of the Mughal Emperors, Maharana Pratap Bibliography of Mughal History, Govt of India Judicial Review and the Supreme Court in India, Choosing Your Legislators A Maker of Modern Punjab Constitutional History of India, Mughal Government and Administration, Conversion and Reconversion to Hinduism during the Muslim Period, Tarikh i Yamini* (English translation), *Bengal under Jahangir* published first book when fourteen wrote on Secret European diplomacy before World War I, the earliest article in India *Address* College House Sholapur

SHARMA, Pandit Vichitra Narain, Minister for Transport U P Govt, since May 1952 *b* May 10, 1898, *s* of Pandit Har Narain Sharma and Smt Ganga Devi, *m* Maitrai Devi, five children, *Educ* D A V High School, Dehra Dun, Banaras Hindu Univ, Banaras Participated in non co-operation movement, 1920, founded with Acharya Kripalani Gandhi Ashram, 1920 jailed several times in the freedom movement 1921, 1932 and 1942, General Secy, Gandhi Ashram, since its foundation Secy, Kashmir Charkha Sangh 1938 43, nominated member, old Leg Council 1947, elected M L A, U P at the first general election 1952 *Recreations* Horticulture Agriculture *Address* 8 Mall Avenue Lucknow

SHASTRI, Dinkar Laxman Kanade, M A (California) Shastri (1916) ex Deputy Speaker, Leg Assembly Madhya Pradesh *b* May 26 1886 *Educ* Primary Bombay, High School, Poona Sanskrit at Wai and Banaras higher studies in America Joined Swadeshi movement as a volunteer, 1905 Teacher, National School, Talegaon, 1907 10 Lecturer in Philosophy, Education Politics is interested in social service, studied Sanskrit on old system 1910 14 lectured on Gita Rahasya from Nagpur to Belgaum joined Home Rule League travelled extensively in India and Europe lectured throughout Marathi speaking area, 1926 40 joined Congress, 1926 has taken part in all civil disobedience movements imprisoned 1930 32, 40 '41, '42 to 1946 elected to Nagpur Assembly on Congress ticket 1946, served Buldana District Board, 1929-30 Pres, Buldana Municipality 1938 *Recreation* Gardening *Address* Buldana Berar

SHASTRI, Pandit Hiralal, Sahitya Shastri B A, I x Chief Minister Rajasthan *b* Nov 24, 1899, *s* of Shrinaram Joshi of Jobner (Jaipur), *m* Shrim Ratan Shastri, *d* of Raghunath Vyas of Ratlam, two *s*, Sudhakar Shastri, M A, B L and Diwakar Shastri B A *Educ* Maharaja's Coll, Jaipur, Secy, Foreign and Home Dept Council of State, Jaipur founded Jiwankutir, Banasthali Jaipur for village uplift work, following the sudden death of his only daughter Shantabai founded Banasthali Vidyapith national institution for girls education General Secy and Pres Jaipur Rajya Prajamandal, General Secy, Rajputana Regional Council of All India States Peoples Conference, General Secy, All India States Peoples Conference Chief Minister, Jaipur State *Publications Jiwankutir Ke Geet* in 12 books *Address* Banasthali (Jaipur)

SHASTRI, Lal Bahadur, Minister for Railways and Transport, Govt of India *b* 1904, in a village in Banaras Dist (U P) *Educ* Kashi Vidyapeeth Participated the Non Co operation Movement and courted jail 1930 Life Member Servants of the People Society, since 1926 imprisoned for two and a half years during Salt Satyagraha movement 1930 General Secy U P C C, 1935 38, returned to the U P Leg Assembly 1937 re elected and appointed Parliamentary Secy to the Chief Minister, U P 1946 elected Secy U P Congress Parliamentary Board, 1945, appointed Minister for Police and Transport U P 1947 resigned and became Gen Secy Indian National Congress, 1951 elected member Council of States from U P *Address* Minister for Railways and Transport New Delhi



SHASTRI, Shiv K, M A (Punjab) M A (Calcutta) M Sc (London) Personal Asst to Director, Indian Information Services, Ministry of External Affairs, New Delhi *b* June 23 1913, *s* of late Dr P D Shastri, I C S *Educ* Govt Coll Lahore Presidency Coll, Calcutta, London School of Economics London Lincoln's Inn Practised as Advocate Lahore High Court, 1940 47 current commentaries and burlesque Lahore Tribune newspaper, 1943 46 represented India in the First World Youth Congress in Geneva 1936 member, Indian Delegation to 9th session of Ecosoc in N Y 1949 Defence Counsel in the first I N A Trial *Publications* Articles on Politics Philosophy and Law in various periodicals and magazines *Recreations* Reading, Tennis, Swimming and sometimes doing nothing *Clubs* Delhi Gymkhana Club *Address* Delhi Gymkhana Club, New Delhi

SHAVAKSHA, Kaikobad Sorabji, B A (Oxon), Bar-at Law, Registrar of Trade Marks *b* July 17, 1899 *s* of Sorabji Shavaksha Superintending Engineer, P W D and Aimai S Shavaksha, *m* Gool, *d* of late Rt Hon ble Sir Dinshah Mulla, two *d* *Educ* Dulwich College, London, Balliol College Oxford, Middle Temple (1923) Practised at the Bombay High Court Bar, before taking up Government service in 1940 *Publications Insolvency Law for Students, Trade Marks Act, 1940*, Editor, Mulla's *Students Contract Sale of Goods & Partnership Acts*, Assistant Editor, Mulla's *Transfer of Property Act* (2nd Ed) *Clubs* Willingdon Sports Club Cricket Club of India *Address* 43 New Marine Lines, Bombay 1

SHEIKH, Abdur Raheman C, B A Proprietor Fazal Pharmaceutical Works, Ahmedabad *b* June 11, 1911 *Educ* Bombay Univ Is a prominent business man in Gujarat and Saurashtra, inventor of Santone tooth powder, has been conducting a pharmacy since the death of Fazalmia C Hakim Saheb, Secy and Hon Treasurer, Ahmedabad Cotton, Yarn and Sarni Workers Assoc 1938, its Pres 1948, Gen Secy Anjuman Islam, a leading educational institution, Hon Secy, charitable dispensary *Hobbies* Social activities *Address* Near Kalupur Town Bandharana Khanchama, Ahmedabad



SHERWANI, Haroon Khan, M A (Oxon), F R Hist S (1934), Bar at Law Ex-President Indian Political Science Assoc *b* March 30 1891 at Daroli Aligarh Dist, *Educ* M A O Collegiate School, Aligarh Jesus Coll Oxford Univs of Grenoble and Geneva Barrister at Law (Lincoln's Inn), Head of Political Science Dept Osmania Univ 1948 member Indian Constituent Assembly Cttee to translate Draft Constitution into Urdu, 1947 48, Principal Nizam Coll, Hyderabad Dn 1945 46 Anglo Arabic Coll Delhi, 1946 47 member Coordinating Cttee of the Comprehensive History of India Vice Pres Governing and Edit Bd Islamic Culture journal Hyderabad, 1951 *Publications* Urdu Translation of Adolf Holm's History of Greece *Elements of Political Science* (Urdu), *Short History of the Deccan* (Urdu), *Mahmud Gawan the Great Bahmani Wazir, Nashriyat* (Urdu) *Studies in Muslim Political Thought and Administration The Bahmanis Bahmanis and their Culture Europe before the War* (Urdu), English Translation of Reinaud's Incursions des Sarrazins en France Piemont et la Suisse *Sidelights on the Growth of Progressive Political Thought in India* and numerous papers on Political Science and Deccan History *Club* Aligarh Club Hyderabad Dn *Address* Mustafa Manzil Himayatnagar, Hyderabad Dn

SHETH, Ramanlal Lallubhai, Millowner, Ahmedabad *b* Jan 8 1896 *m* Smt Manekben three *s* *Educ* Ahmedabad Founded Vikram Mills Ltd, with up to date plant and machinery 1928, Director several mills in Ahmedabad Kadi, Kalol Petlad Bombay and other places and of Insurance, Banking Transport and Chemical Companies mem ber Ahmedabad Municipality 1941 42 member, Indian Central Cotton Cttee, 1943 46 B B & C I Rly Advisory Cttee 1940 43, Vice Pres Ahmedabad Millowners Assoc 1943 44 47-48 Pres 1948 49 and 1949 50, Trustee in many religious institutions takes keen interest in religious activities his name being associated with different religious institutions widely travelled in India Burma and Ceylon *Address* Shantisadan Society Ellis Bridge, Ahmedabad 6



SHETH, Ratilal M, Political worker and business man General Manager, Janma bhoomi' group of newspapers since 1935 *b* Sept 10, 1910, *s* of late Mohanlal Sheth business man, Saurashtra, *m* Miss Champa Shah G A one *s* and one *d* *Educ* Samaldas Coll Bhavnagar a staunch Congressman from his early days, took part in political activities of Kathiawar, imprisoned in 1930 and 1932 Satyagraha Movements, took part in World Scout Jamboree at Birkenhead (England) visited almost all European countries Gen Secy, Indian Languages Newspapers Assoc Director and Hon Sec Indian Newspapers Co-operative Society Ltd Secy, Saurashtra Trust was one of the leading members of Kathiawar Praja Mandal Bombay, Hon Treasurer, Ranpur Sarvajanik Education Society member, Executive Cttee, Matunga Gujarati Education Society *Address* "Janmabhoomi group of newspapers Fort Bombay

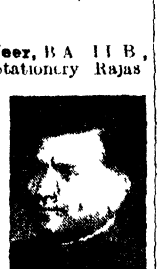
SHETTY, A B, Minister for Health Co operation Housing Ex Servicemen Govt of Madras, M L C in 1926 and 1930 was Parliamentary Secretary to the Minister for Public Health in the first Congress Cabinet *Address* Secretariat Madras

SHINDE, Chief Justice Govindrao Krishnarao, B A Bar at-Law Chief Justice Madhya Bharat, since 1952 *b* Oct 1 1896, *s* of Krishnarao Shinde of Ratnagiri, *m* Smt Dora Popham King of London, one *s* and one *d* *Educ* Victoria Coll, Gwalior, Honble Inn of The Middle Temple London London School of Economics Puisne Judge, High Court, Gwalior 1929 37 Chief Justice Gwalior High Court, 1937 41, Law Minister, Gwalior State, 1941 48 Puisne Judge, High Court Madhya Bharat 1948 52 *Recreation* Tennis *Clubs* Jiwaji Club, Gwalior, C C I, Mhow *Address* 21 Morar, Gwalior, Kali Kothi No 2 Indore

SHIRKE, Shridharrao Shankerrao, B A, B Sc Private Secretary to H H Maharani Chimnabaisaheb Gackwar of Baroda, since 1950 *b* May 21 1894, *s* of Shankerrao Shirke of Belgaum, *m* Indirabai *d* of Prof Kadam, two *s* and three *d*, *Educ* Elphinstone and St Xaviers Colleges, Bombay Agricultural Adviser to the Raja of Sawantwadi, 1925 27, Professor, Rajaram Coll and Registrar of Co operative Societies Kolhapur, 1928-42, Personal Asstt to Prime Minister Kolhapur, 1936 42, Commissioner and Chief Excise Officer Kolhapur 1942 49 nominated M L A Kolhapur took keen interest in agricultural and rural development in the State, was Pres Farmers Fair and Cattle Show held at Kolhapur in 1939 when Viceroy Linlithgow visited Kolhapur, was awarded Kaiser I Hind silver medal for public services in fostering the Co operative Movement in Kolhapur State, 1939 *Address* Gopal Bhuvan, Pedder Road Bombay 26



SHIVAHARE, Dharmendra Veer, B A I I B, Superintendent Press and Stationery Rajasthan Government Jodhpur Director Arya Sahitya Mandal Ltd Ajmer *b* at Lachpur C P, *Educ* Ajmer and Nagpur Has been a Congress worker was imprisoned in Central Jail for Congress activities during school days, 1930, detained on Aug 9, 1942 released 1944, twice elected Municipal Commissioner Ajmer, for 6 years interested in printing and stationery industry took practical training in all departments also practised as a successful lawyer for a few years, after his release from prison became Supervisor, Latifi Press Delhi, 1944 was entrusted by the Mewar Govt with the work of organizing their press at Udaipur, sponsored the construction of a new Govt Press building at Udaipur on modern lines keen sportsman in college days and won numerous medals was Speaker, Govt College Union, Ajmer Hon Secy Field Club Udaipur for some years Hon Treasurer Umaid Club Jodhpur Vice Pres Arya Samaj Sardarpura *Address* Jodhpur



SHIVDASANI, Parsram Rupchand, A C G I B Sc (*Lugg*)(*London*), M I C E, M I E (*Ind*) Deputy General Manager Bombay Municipality B E S T Undertaking, since Oct 1947 *b* February 12 1906, *s* of late Rupchand Bilaram, Retired Judicial Commissioner, Sind, *m* Saraswati Shivdasani, one *s* and two *d*, *Educ* St Patrick s High School and D J Sind College, Karachi, City & Guilds Institute, London In service of the Karachi Port Trust 1929 47, sent to England for special training in Harbour Engineering, 1930 32, resigned service as Deputy Chief Engineer in Nov 1947 due to partition of the country, acted as General Manager, B E S T Undertaking on several occasions *Clubs* Karachi Club Karachi, W I A A Bombay Western India Turf Club Bombay C C I and the Willingdon Sports Club Bombay *Address* *Office*—Electric House, Fort, Bombay *Residence*—B 1, Mafatlal Park Warden Road Bombay

SHRINAGESH, Jayavant Mallannah, C I E (1946) I C S General Manager and Chairman Board of Management Hindustan Aircraft Ltd, Bangalore *b* 1905, *Educ* W Buckland School, Devon Trinity Coll, Cambridge Entered I C S, 1928 Jt Secy, Ministry of Industry and Supply Govt of India Commissioner of Jullunder, Adviser to Nepal Govt *Address* C/o Hindustan Aircraft Ltd, Hindustan Aircraft P O Bangalore District, *Residence* 6 Edward Road Civil Area Bangalore

SHRINAGESH, Lt -Gen Satyavant Mallannah, G O C in C Southern Command Poona since January 15 1953 *b* May 11 1903 *s* of Dr Shrinagesh Mallannah, *m* Rajkumari Kochhar, three *s* and two *d* *Educ* Public School in England, Cambridge Univ and Sandhurst Was commissioned in 1923, commanded the 6th Kumaon Regt and fought in Waziristan, Assam and Burma with the Lushai Brigade, Dec 1942, officiated as Brigade Commander, 64 Indian Infantry Brigade of the 19th Indian (Daggar) Division in Burma, selected to go to Germany as Dy Chief of the Indian Military Mission, Nov 1945 worked as Economic Adviser and Counsel Commandant, Kumaon Regimental Centre, 1946, commanded 268 Indian Infantry Brigade, Japan, was promoted Major-General and appointed G O C, Madras Area became Adjutant General, A H Q, India, 1948 took over the over-all command of Indian Forces in Jammu and Kashmir, Sept 1948 G O C in C Western Command 1949 53 *Office* Command House Poona 1

SHRIVASTAVA, Jagmohan Lal, ex Minister for Law & Revenue Madhya Bharat *b* Dec 24 1890 in Bhind, Gwalior, *s* of Munshi Gopal Sahaiji *m* Mrs Phulmati one *d* *Educ* Bhind, Morar (Gwalior) and Etawah Started practice as a Vakil Gwalior High Court, 1912 32, joined Judicial Service in former Gwalior State (1932), Secy, Dept of Law & Justice Gwalior (1940), Judge, Gwalior High Court (1943) Pres, Praja Sabha (Legislative Assembly), Gwalior (1945), Minister for Law & Justice Gwalior (1948) Minister for Law and Revenue Madhya Bharat, 1948 52 *Recreations* Tennis, Literature Writing articles for press Long walks Reading *Clubs* Jiwaji Club Gwalior *Address* Station Road Gwalior

SHROFF, Ardeshir Darabshaw, B A (Hons) (Bom), B Sc (Econ), London, Director Tata Sons Ltd *b* June 4, 1899, *m* Jerbai Panday, two *s* Prof of Advance Banking at Sydenham Coll, Bombay Vice Pres, Bombay Shareholders Assoc 1936 37 Member Cttee of Indian Merchants Chamber 1930 36 Vice Pres, Indian Merchants Chamber, 1936 Trustee of the Port of Bombay 1933 37 Chairman, Tata Textile Group and New India Assurance Company, member Profit Sharing Cttee, Chairman Bombay Municipal Finance Cttee, an expert witness before the Select Cttee of Central Legislative Assembly on the Reserve Bank Bill 1934 Director in Charge Investment Corporation of India Ltd The National Ekco Radio & Engineering Co, Ltd Non official Indian Delegate to the World Monetary Conference at Bretton Woods, U S A 1944, Chairman Railway Stores Enquiry Cttee (1950 51) Expert Cttee on Forward Contracts (Regulation) Bill 1950 *Publication* One of the authors of the Bombay 15 Year Plan *Address* Tata House Bolder Road Bombay

SHROFF, Dhirajlal Nemchand, Hon Magistrate, J P, Managing Director, Evans Fraser & Co (India) Limited and The New Era Textile Mills Ltd *b* 27th August 1909, *s* of Nemchand Udechand, Landlord of Pardi, Dist Surat, *m* Manjula Jariwala, *d* of Amarchand Chunilal Jariwala of Bombay one *s* and one *d*, *Educ* Matriculated from the D C O Sarvajanik High School of Pardi, F Y A from Wilson College, Bombay apprentice course at the Victoria Jubilee Technical Institute, Matunga in spinning and weaving practical training at the Ruby Mills, Dadar, Salford Technical College, Manchester England, 1933 35, practical training at the Welthome Mills Ltd, Nelson England Visited Japan, 1935, initiated the incorporation of the New Era Textile Mills Ltd in 1936 firstly for the weaving of silk and art silk and later installed a complete plant of Cotton Bleaching Dyeing and Printing which catered for all the war supply orders, particularly in reference to mineral khaki, water proof canvases and anti gas fabrics, purchased Evans Fraser & Co Ltd, Director, Evans Fraser & Co (India) Ltd, New Era Textile Mills Ltd, D N Shroff & Co Ltd, Shama Engineering Ltd Murphy Radio of India Ltd, Photogravures (India) Ltd Sole Proprietor New Era Stores United Knitting Works, United Importers, Clothing and Tailoring Co, Chairman, Silk and Art Silk Mills Assoc, Ltd, Chairman, Silk and Art Silk Mills Research Association *Club* Radio Club *Address* —*Residence* 40A, Ridge Road, Malabar Hill, Bombay 6 and Apna Cottage, Juhu Bombay *Office* The Fort House Hornby Road, Bombay 1



SHROFF, Kaikhushru Ruttonji P, Hon Presidency Magistrate and J P, President Stock Exchange, Bombay, and Director of several Joint Stock Companies *b* July 27 1878 *m* Aimai, *d* of Rustomji Panday, *Educ* Bharda New High School and Byramjee Jeejeebhoy College of Commerce Has written books on Mathematics, recipient of Silver Jubilee and Coronation Medals *Publications* *Elementary Arithmetic and Algebra for P E Students* *Address* Sunshine, Churchgate Reclamation Bombay

SHUKLA, Ravishanker, B A LL B M L A, Chief Minister Government of Madhya Pradesh *b* August 2 1877, at Sagar *m* Shrimc Bhawani Bai *Educ* Raipur Jabalpur Hislop Coll, Nagpur Law Coll, Jabalpur Headmaster, State High School, Khairagarh for 8 years Was tutor to Chiefs of Bastar, Kawardha and Khairagarh joined Bar, 1908, arrested as a non co operator 1923 released due to popular upheaval, sentenced to 6 years imprisonment, 1930 2 years imprisonment and fined Rs 500 1932, name struck off the roll of lawyers 1932, but re admitted, 1935, entered Leg Council as Swaraj Party Member 1923 Chairman District Council Raipur 1926 36, Minister for Education July 1937, sponsored the Vidyamandir Scheme Prime Minister in the first Congress Ministry, Aug 1938 Nov 1939 detained again during Individual C D, 1940 under the D I R, Aug 1942 released June 15 1945 Founder, *The Nagpur Times* Nagpur elected to State Assembly 1946 and became Chief Minister April 1946 re elected M L A and as Leader of the Congress Party in the Legislature 1951 became Chief Minister Feb 1952 Chancellor Sagar University conferred LL D *(c)* by Banaras University 1951 Nagpur



SHUKLA, Shambunath, B A, LL B Chief Minister Vindhya Pradesh *b* 1904 *Educ* Allahabad Univ Entered politics during the Dandi March 1932 was detained at Bhandaigarh Fort for four years imprisoned for participating in the Quit India movement released, 1945, Food and Civil Supplies Minister and later Finance Minister Rewa State 1947 nominated as a member of Parliament by the Governor General 1947, elected M L A Vindhya Pradesh Founder Editor, *Bhaskar* Hindi Weekly of Rewa 1945, was Gen Secy V P C C, its Pres, organised and managed khadi work opened a Khadi Bhandar at Rewa elected to the State Assembly in the general elections unanimously elected leader of the Congress Party in the State Assembly and became Chief Minister (Vindhya Pradesh)

SIDDIQI, Muhammad Zubayr, H A (Punjab), M A, B T (Patna), Ph D (Cambridge), Sir Asutosh Professor of Islamic Culture, Calcutta University, since 1929 *b* 1896 *s* of Hafiz Hakim M Ishaq *m* Amina Khatun Begam, three *s* and two *d* *Educ* Madras Aliya of Rampur State (U P), Oriental Coll, Lahore Bihar National Coll, Patna, worked under Prof T G Brown Head of the Dept of Arabic, Lucknow Univ (1926-28), Member Senate and Syndicate, Calcutta Univ for more than ten years, elected Vice-Pres Royal Asiatic Society of Bengal for more than six years, Hon member Islamic Research Society of Bombay and Fellow of Asiatic Society of Bengal *Publications* Edited the *Ferdausul Hikmat*, the oldest Arabic Medical Compendium (Published from Berlin in 1928), *The Tarikh Harat of Sanjh* (Imperial Library of Calcutta, 1944) and *Al Sayrul Hathith fi Ilm al Hadith* (Published from Hyderabad) several papers published in various journals *Address* P 6, Suhrawardy Avenue, Circus P O Calcutta 17

SIDHANTA, Nirmal Kumar, M A (Cantab), Double First Class English Tripos, Member, Union Public Service Commission since 1951 Was Dean, Faculty of Arts, Lucknow University and Member Secretary, Universities Commission *b* Oct 31, 1894, *s* of late Nilkanta Sidhanta *m* Chitralekha Banerjee, two *d* and one *s* *Educ* Calcutta and Cambridge Universities, Griffith Prizeman Calcutta University Lecturer, School of Oriental Studies London Univ, 1922 23, Reader in English, Lucknow Univ, 1923 26, Professor of English, Lucknow Univ, 1926, Dean, 1933 51, Wilson Philological Lecturer, Bombay University, 1928, Secy, Inter Univ Board, India, 1937 42 Chairman 1946 48, member, Central Advisory Board of Archæology, since 1944 Central Advisory Board of Education since 1946, member & Secy, Indian Universities Commission, 1948 49, member of Cttees and Faculties of Indian Universities *Publications The Heroic Age of India A Comparative Study* numerous articles on literature art and education *Recreations* Tennis and Bridge *Address* New Delhi

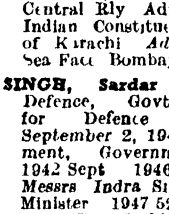
SIDHWA, Framji Hormasji, Managing Director, Globe Theatres Ltd *b* Dec 31, 1880, *m* three *s* and two *d*, *Educ* Bombay Went to Burma and started his business career in Insurance, 1903 subsequently went into the Import Export line, became interested in the Cinema Industry, 1911, shortly afterwards started his own Cinema business in Rangoon as an exhibitor and distributor forming the Globe Cinema Company, 1915, expanded the Company in Burma and extended its activities to the important cities of India under the name of Globe Theatres Ltd is charitable by nature, elected Delegate of the Parsi Matrimonial Court at Bombay *Address* The Capitol Opp Victoria Terminus 17 Lindsay Street, Calcutta



SIDHWA, R K, Ex Minister of State for Home Affairs member All India Congress Cttee, Pres, Karachi District Congress Cttee, Municipal Councillor Karachi, member, Central Advisory Council of Rlys, ex Trustee, Karachi Port Trust ex Pres Sind & Baluchistan Postmens and Lower Grade Staff Union, Federation of Telegraph Men of India and Burma, Currency Association and Municipal Sub Inspectors' and Lower Grade Staff Union, ex Secretary, Passengers' & Traffic Relief Association, Chairman, Railway Roads Committee ex President Clearing Agents & Muccadams Association, member, Pres, All India Cantonment Assoc, ex-Leader of the Congress Party in the Sind Legislative Assembly Provincial Commissioner, Hindustan Scout Association President, Federation of All India Passengers Association President Federation of All India Local Authorities Chairman, Salt Advisory Cttee member Central Rly Advisory Cttee, was member Indian Constituent Assembly, was Mayor of Karachi *Address* My Nest, Worli Sea Face Bombay 18

SINGH, Sardar Baldev, Ex Minister for Defence, Govt of India Member for Defence Interim Government, September 2, 1946, Minister for Development, Government of Punjab, June 1942 Sept 1946 previously Director of Messrs Indra Singh & Sons Ltd, Defence Minister 1947 52 *Address* 17 Tughlak Road, New Delhi

SINGH, Birbal, M A (Banaras) M P, Principal Kashi Vidyapitha, Banaras, since 1939 *b* Jan 1, 1899, *s* of Harpal Singh *m* Smt Parvati Devi four *s*, *Educ* Queens Coll and Central Hindu Coll, Banaras Non co-operated from B H U, 1921 appointed Lecturer and Registrar, Kashi Vidyapitha Banaras, Feb 1921, elected member, U P Leg Assembly, 1937, Chairman, Dist Board 1938 41 member U P Leg Assembly, 1937 52 returned to the House of the People in the General Elections 1952 *Address* Kashi Vidyapitha, Banaras Cantt (U P)

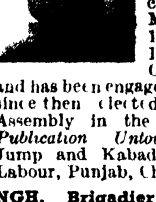


SINGH, Chandreshwar Prasad Narain, M A, Governor of Punjab (India) *b* April 18, 1901, *s* of Krishna Kishore Narain Singh and Smt. Gena Kaur, *m* Smt Savitri Devi, three *s* and four *d*, *Educ* G B B Coll, Muzaffarpur, Calcutta Univ Member, Provincial Simon Cttee, 1928, Hon Secy, Tirhoot Cane Marketing Board, 1934, member, B and O Leg Council until 1936 returned to Provincial Legislature as the representative of the land holders, 1937 Chairman Muzaffarpur Dist Board for 12 years, Pres, Provincial Franchise Cttee, 1930, Leader, National War Front, Bihar, 1942, Pres Bihar Flying Club, 1947, Leader of the Opposition, Bihar Leg Assembly, Fellow Patna Univ, 1930 Vice Chancellor, Patna Univ, Indian Ambassador in Nepal till Oct 1952, High Commr for India in Ceylon *Recreations* Tennis, Shooting, Painting, Riding *Address* Raj Bhawan, Simla, Muzaffarpur and Patna, Bihar



SINGH, Charan, M A, B Sc LL B Minister for Agriculture and Revenue Uttar Pradesh *b* December 23, 1902, *s* of Ch Meer Singh *m* Shm Gayatri Devi, one *s* and five *d* *Educ* Meerut and Agra Started legal practice in Ghaziabad (Distt Meerut) in 1928 began taking active interest in political and other public activities in 1929, imprisoned in 1930 for six months, in 1940 for one year and in 1942 for fifteen months, elected M L A (U P) in 1937, 1946 and again in 1952 Parliamentary Secy to the Hon ble Chief Minister U P till June 1951, originator of the Bhumidhari Scheme Chairman, the Zamindari Abolition Publicity Board Revenue Courts Reorganisation Cttee (1946), Tenancy Act Amending Cttee (1946), Dudhi Enquiry Cttee (1947) Ayurvedic and Unani Systems Reorganisation Cttee and Local Bodies Pay Commission *Publications Abolition of Zamindari Address* Secretariat, Lucknow

SINGH, Chaudhri Sunder, Minister of Labour Punjab (India) since April 17, 1952 *b* July 7, 1906, *s* of Ch Mangal Das Sialkot *m* Smt Mahant Kaur 1925 and Smt Vidyawati, 1934, three *s* and two *d*, *Educ* D A V Coll Lahore Secy and later Pres, Punjab Provincial depressed Classes Assoc 1931 32 served in Lahore High Court as a clerk 1933 45, elected M L A United Punjab, 1946, Parliamentary Secy, 1946 47 settled down at Gurdaspur after partition and has been engaged in Harijan Welfare Work since then elected again to the Punjab Leg Assembly in the general elections, 1952 *Publication Untouchable Recreations* Long Jump and Kabadi *Address* Minister of Labour, Punjab, Chandigarh



SINGH, Brigadier Daulet, Director of Military Operations, Army H Q, India, since April 1952 *b* Jan 4, 1911, *s* of Col Dinanth late Prime Minister Indore, *m* Raj Kumar Uma Devi of Kapurthala, three *s* and one *d* *Educ* Govt Coll Lahore Royal Military Coll, Sandhurst Commissioned into the Indian Army, Jan 29, 1931, joined the III Cavalry was a Regimental Officer up to 1942 selected for the Staff Coll, 1942, completed the Staff Course, 1943, held various Staff and Command appointments, including Command of an Armoured Brigade *Recreations* Polo, Hockey, Tennis and Squash *Club* Delhi Gymkhana Club, New Delhi *Address* 35, Aurangzeb Road, New Delhi

SINGH, Harchand, ex-Deputy Minister, Backward Classes, PEPSU *b* May 6, 1916, *s* of Sardar Parmeshwara Singh of Fatehgarh village Chhanan Dist Patiala and Smt Bibi Sant Kaur, *m* Sardarni Ishar Kaur, *d* of Sant Ram of Munshiwala village, one *s* and one *d*, *Educ* Matric Joined service in the Revenue Department, United Punjab, organised Depressed Classes League in PEPSU, served as General Secy, PEPSU State Depressed Classes League for years, was selected member, PEPSU Delimitation Cttee, member, PEPSU Congress Provincial Election Tribunal organised All India Session of Akhil Bharitya Depressed Classes League, March 1951 *Address* C/o Secretariat PEPSU, Patiala

SINGH, Mr Justice Harnam, B Sc (Punjab) M A in English (Punjab) I L B (Punjab) Puisne Judge, High Court, Punjab State (India) since Nov 1948 *b* March 31 1899 *s* of Sardar Tara Singh and Smt Lakshmi Devi *m* Shrimati Harbans Kaur four *s* and four *d* *Educ* Gordon Mission Coll Rawalpindi Forman Christian Coll Lahore Gold Medalist in Law Served on the staff of the Khalsa Coll, Amritsar, 1918 24 joined the Bar Oct 1927, practised in the Lahore High Court till Aug 15, 1947, elected to the Constituent Assembly of India 1946, argued the Punjab Boundary Commission case before the Punjab Boundary Commission, July 1947 appointed Advocate General, East Punjab, 1948 argued successfully all the 33 references before the Arbitral Tribunal relating to disputes between India and Pakistan *Publications Punjab the Homeland of the Sikhs* and several books on Sikh religion and history *Recreations* Indoor games, Gardening *Address* Holcombe Simla (West)

SINGH, Hukam I L B M P Advocate *b* Aug 30 1897 at Montgomery *s* of Sham Singh, *m* Smt Tripat Kaur, one *d*, *Educ* Khalsa Coll, Amritsar Law Coll, Lahore is a prominent member of the Shiromani Akali Dal, entered politics and actively participated in the Gurudwara Prabandhak Reform movement arrested and imprisoned 1924 26 worked for the prosperity of the Panthic organisation as member of Shiromani Gurudwara Prabandhak Cttee 1926 41 President, Shiromani Akali Dal 1930 Judge Kapurthala High Court 1947, takes keen interest in work in Parliament makes valuable contributions on various subjects Ex member Estimates Cttee of the Parliament Rehabilitation Advisory Cttee was elected to the Indian Constituent Assembly, 1948 made the best use of this opportunity for the cause of his community *Publications Sikh Case The Problem of the Sikhs Recreation* Walking *Address* Kapurthala, PEPSU, 31, Queensway, New Delhi

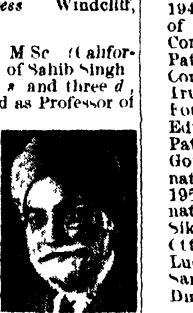
SINGH, Lieut -General Kalwant, I A Commander XI Corps 3, April 1950 Col The Dogra Regt and Col Commandant Army Ordnance Corps *b* April 23 1905, *s* of the late Sardar Bahadur Sardar Sant Singh, P C S, President, Council of Regency, Kalsia State and hereditary Provincial Darbari *m* Tejkaur, *d* of Sardar Bahadur S S Gyani I S R, one *s* and one *d* *Educ* Forman Christian Coll, Lahore and Royal Military Coll, Sandhurst Commissioned, Jan 29, 1925, Bde Maj, Thal Brig, 1940 41 Instructor, Staff Coll, Quetta, 1941 43 (First Indian Instructor), Asstt Quartermaster General (Operations), North Western Army, Rawalpindi, 1943, Asstt Quartermaster General (Plans), Indian Expeditionary Force, 1943, Comdt, 7th Bn, 1st Punjab Regt, Nov 1943 45, Second in Command (Colonel) 114 and 89 Infantry Brigades, Burma and Siam, July Oct 1945, Cmdr, 20 and 114 Infantry Bdes, Feb 1946 May 1947, Cmdr of Troops against Black Mountain tribes, N W F P, Jan 1947, Brig General Staff, Northern Command Rawalpindi, May 1947 15 Aug 1947, Dir of Military Training, Army Hqrs, August 1947 Nov 1947, Cmdr JAK Division and JAK Force, 5 Nov 1947 1 May 1948 Chief [redacted]neral Staff, May 1948 April 1950 *Address* Ikant Jullundur

SINGH, Major-General Kanwar Bahadur, P S C G O C A Division has been Deputy Secretary (Military) to the Cabinet Govt of India, since February 1948 *b* August 5, 1910, *s* of Major General Sir Onkar Singhji Kt C I E ex Prime Minister of Kotah *m* Rajkumari Rajinder Kanver of Birwani one *s* and three *d* *Educ* Herbert College, Kotah, Prince of Wales s Royal Indian Military College, Dehra Dun, Royal Military Academy, Sandhurst Was commissioned as an Officer, January 1931 served with the Highland Light Infantry, 1931 32 and was posted to the 4th Bn 19th Hyderabad Regiment, Indian Army served in that Regiment throughout, which was later renamed the Kumaon Regiment held first staff appointment, 1940, qualified at Staff College Course at Camberley in U K Dy Secy (Military) to the Cabinet Govt of India 1948 53 *Address* Palatha House, Kotah (Rajasthan)

SINGH, Kanwar Jaswant, B A, Rao Bahadur (1943), M L A, Rajasthan and Leader of Opposition *b* Oct 23, 1903, *s* of Col Thakur Prithvi Raj Singhji, *m* 2nd *d* of te Thakur Sir Sadul Singhji, *Educ* Walter Nobles High School, Bikaner, Benares Hindu Univ, Asst Private Secy and then Private Secy to His late Highness Maharaja Sri Ganga Singhji Bahadur of Bikaner successively Foreign and Political Secy Public Works Minister, Education and Public Health Minister, Civil Supplies Minister and finally Prime Minister former Bikaner State Member Constituent Assembly of India, M P, Minister for Separate Revenue and Finance Group II, Rajasthan *Recreations* Football Tennis, Squash Rackets, Golf *Club* Sri Sadul Club Bikaner *Address* Daudsar House, Bikaner (Rajasthan)

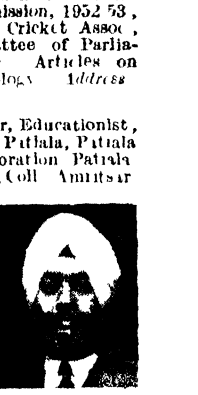
SINGH, Sardar Kapoor, B A I L B Chairman, Punjab (I) Legislative Council, since April 30 1952 *b* 1898 *Educ* Khalsa College, Amritsar Practised Law, 1923 34 and 1938 40, suspended practice on account of disciplinary action by High Court for conviction during C D Movement, Sessions Judge, Chief Revenue Secretary and Dewan, Ajai Garh State, 1935 37, deputed by the State to the Princes & Prime Ministers Conference in Bombay, Jhansi and Nowgong, to consider the Federal Part of the Govt of India Act of 1935, resigned State service as he joined the Congress party in the Punjab Assembly, member, Dist Board, Ludhiana, 1925 40, Vice-Pres of the Board for 5 years, member, Municipal Cttee, Ludhiana, 1927-37 and Vice Pres for a term, M L A Punjab, 1937 52, Secy, Congress Assembly Party, 1942 45, Chief Whip, Congress Assembly Party, 1946 47, Dy Speaker, Punjab Leg Assembly, 1946 47, Speaker, Punjab (I) Leg Assembly, 1947-51 *Address* Windcliff, Simla 4

SINGH, Sardar Bahadur Lal, M Sc (California) M P *b* March 16 1896, *s* of Sahib Singh *m* Smt Mohindar Kaur one *s* and three *d* *Educ* California Univ Served as Professor of Agriculture Trust Special list Punjab Development Adviser to the Govt of India Director Indian Institute of Food Technology Agricultural Faculty Punjab Univ Director of Agriculture Punjab, Vice Pres, Indian Central Sugar Cane Cttee, toured for 10 years for the study of Agriculture and Rural Organisations in U S A Europe, Australia China Japan, Egypt Palestine, etc founded the *Agriculture Dept* Khalsa Coll Amritsar organised fruit industry in the Punjab started a journal and was its Chief Editor Hon Secy Punjab Fruit Development Board All India Food Preservation author of several legislations pertaining agricultural development *Publications* About 100 publicytions of a scientific and popular nature dealing with Agriculture Horticulture and Preservation in particular *Address* Amadalpur (Via) Jagadhri 55, North Avenue New Delhi



SINGH, Jaipal, M P & Pres, All India Adibasi Mahasabha *b* Jan 3, 1903, *s* of late Amru Pahan, *m* Tara Majumdar, *g d* of the late W C Bonnerjee, first Pres of the Indian National Congress *Educ* St Paul s School, Ranchi Grammar School, Darlington St Augustine s College Canterbury, and St John s College, Oxford Full Blue at Oxford for Hockey, captained the Indian Olympic Team at the Olympiad in 1928 first Convenanted Indian Mercantile Assistant in the Royal Dutch Shell Group, 1928 32 Commercial Master Achimota College, Gold Coast, 1933 36, Headmaster and Officiating Vice Principal, Rajkumar College, Raipur 1936 37, Colonisation Minister and Revenue Commissioner Bikaner State, 1937 39, Civilian Adviser, Services Selection Board 1943 46, Pres Delhi Flying Club since 1950 and Delhi Fishing Club, since 1949, Editor *Adibasi Sakam* 1941-42 President Jharkhand Party member Press Commission, 1952 53, Vice Pres, Delhi and Dist Cricket Assoc, 1953, member, Estimates Cttee of Parliament 1952 54 *Publications* Articles on and Social Anthropology *Address* hota Nagpur

SINGH, Sardar Mohan, Banker, Educationist, Managing Director Bank of Patiala, Patiala and Patiala Insurance Corporation Patiala *b* Jan 8, 1903, *Educ* Khalsa Coll Amritsar 1919 24, stood first in the Univ in the B Sc (Hons) Examination Participated in the N C Movement of 1921, was leader of the student move ment of the Khalsa Coll Amritsar, 1924, was a popular figure in his college on the academic as well as on the sports side, was Pres, Students Organisation and Vice Leader, Coll Legislative Assembly, Founder Khalsa Girls Middle School, Jullundur New (High) School, Ludhiana, 1940, founded Khalsa Girls' School, Ludhiana 1942 raised it to High School Standard, Sept 1943, Founder member and Secy, Sutlej (Officers) Club, Ludhiana, Vice Pres Malwa Education Society, Ludhiana Founder Pres Sikh Assoc, Ludhiana served in the Imperial Bank of India for 18 years and held charge of some of its most important branches, Founder Patiala Insurance Corporation as a State owned composite Insurance Co Modern High School, Patiala, Jan 1947, Mahendra Kanya Maha Vidyalaya (Girls' High School), Patiala Aug 1948 has rendered yeoman service to the cause of the displaced persons from Pakistan as Convener, Relief and Rehabilitation Cttee, Patiala, Convener, 34th Sikh Educational Conference, Oct 1949 Founder and Managing Trustee, Saraswati Vidyak Trust Patiala Founder member and Vice Pres, Guru Nanak Education Society Patiala Pres Rotary Club, Patiala Economic Adviser to His Highness Govt, Patiala, Nov 1944 May 1948, originated the scheme of Mobile Banks in India, 1950 Governor 52nd District Rotary International, 1952-53, Convener, Academy of Sikh Religion and Culture, member Managing Cttee Guru Nanak Engineering Coll, Ludhiana, member, PLPSU Bharat Sevak Samaj Central Cttee *Address* Managing Director, Bank of Patiala Patiala (PEPSU)

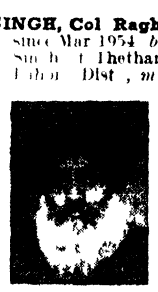


SINGH, Nawab, B A, I C S, Chief Secy to Punjab Govt, since May 1952 *b* April 7 1907 *s* of Sardar Bahadur Sant Singh, I P (Retd), *m*, two *s* and one *d* *Educ* Morris Coll, Nagpur graduated, 1927, passed I C S, at London, 1928 Posted

to the Punjab in 1929, where he served as Asstt Commissioner, Dy Commissioner, Dist & Sessions Judge (Delhi 1939 43) and Legal Remembrancer & Legislative Secy, Home Secy East Punjab, Aug 1947 to July 1948 Commissioner Ambala Division Punjab July 1948 May 1951, Addl Chief Secy Punjab 1951 52 *Recreations* Tennis Bridge and Literature *Clubs* Delhi Gymkhana, Sirhid Club, Ambala, Chelmsford Club, Delhi East Punjab Club Simla *Address* Chandigarh

SINGH, St Nihal, Author, Journalist and photo grapher *b* June 2, 1884 *Educ* Punjab University, *m* Cathleyne Kinsey Brook, 1907 First contribution to an English newspaper in 1898, since 1902 has regularly written for reviews, quarterlies, magazines, weeklies and daily newspapers all over the world, has thrice girdled the globe and while living in four continents has been commissioned by the governments of various countries, notably Canada Belgium Ceylon and India to write books and booklets some of which have run through numerous enormous editions, writes in several languages, among best known works are *India s Fighters*, *India s Fighting Troops The King s Indian Allies The Rajas and Their India*, *Progressive British India Japan s Modernization The Nizam and the British Empire*, *Bhagvat Sinhjee The Maker of Modern Gondal*, *Messages of Uplift for India*, *Urge Divine*, *Making Bad Children Good*, *Dry America*, *Hyderabad Today* etc *Address* Suryasthanam 16 Nemi Road, Dehra Dun U P

SINGH, Col Raghbir, Chief Minister PEPSU since Mar 1954 *b* 1894 *s* of Sardar Sahib Teja Singh of Thathar family at Thathar Village Jalbo Dist, *m* Sardarni Vir Pal Kaur, *d* of Sardar Lal Singh Rais Attari, Dist Amritsar one *s* and two *d* *Educ* Chiefs Coll Lahore Joined as Superintendent of Police, Patiala State 1915 24, promoted Inspector General of Police, 1924 appointed Sardar Sahib Deodhi 1934 Dy Revenue Minister Development Minister Home Minister Patiala State 1936 39, returned Jagir worth Rs 3 000 to Patiala Ruler, 1939 was responsible for the abolition of Nazool system in the State, elected [illegible] Amritsar, the [illegible] 1940, was a goo [illegible] founded Tok Sewak Sabha (merged with Congress), 1947, Hon first popular ministry of PEPSU [illegible] Minister in the first elected Congress Ministry 1952 53 elected Pres PEPSU P C C 1952 *Recreations* Agriculture Farming *Address* Chief Minister PEPSU Patiala



SINGH, Raja Maharaj, M A (Oxon) Hon LL D (Allahabad), Bar at Law, Ex Governor of Bombay *b* May 17 1878, *s* of Raja Sir Harnam Singh *m* Gunwati Maya Das *d* of Rai Bahadur Maya Das of Ferozepur (Punjab) 2 *s*, 1 *d* *Educ* Harrow and Ball Coll Oxford, Bar at Law 1902 Asst Sec to Govt of India Dept of Education 1911 Collr of Hamirpur, U P, 1917, Hardoi, 1918, Secy, to U P Govt, 1919, Dy Secretary, Govt of India, Education Dept, 1920 23, Dy Commissioner, Bahraich, 1923, Commissioner Allahabad, 1927 and 1929 Benares, 1928, Chief Minister, Jodhpur, 1931, Agent General in South Africa 1932, Member, Executive Council U P, 1935 Member U P Legislative Assembly, 1937 45 Commander (Brother), St John Ambulance Association, Vice Chancellor, Lucknow Univ 1941-45, Prime Minister, Kashmir, April July, 1943 Pres, Indian Christian Association and National Liberal Federation 1944, Member, U P Legislative Council 1946 47, Delegate to Commonwealth Relations Conference England, 1945 Delegate to th Nations New York in 1946 and 1947, Governor of Bombay, Jan 6, 1948-May 30 1952 *Publications* Reports on Indians in Mauritius, British Guiana and in South and East Africa, Speeches as Governor of Bombay, 1948 52 and various contributions to the Press *Address* Lucknow

SINGH, Ram Subhag, Shastri (Banaras) M A (Missouri) Ph D in Journalism (Missouri) M P *b* July 7, 1917 *s* of Ram Balak Singh of Khajuria (Bihar), *m* Shrimati Dhanawati Singh, four *s*, *Educ* Dhamar Board Upper Primary School Bhuvaneshwar Middle English School Arrah Arrah Town High English School, Sri Kashividyapith Banaras Missouri Univ Columbia, Missouri U S A Joined the Indian National Congress, 1935 and since then a Congress worker arrested and imprisoned for 6 months for taking part in Civil Disobedience Movement, 1941 again sentenced to three years' R I and a fine of Rs 500 in Aug 1942 movement, elected Member of Parliament after returning from U S A in Jan 1950 elected to the House of the People from Shahabad South Constituency, Bihar in the general elections, 1952 *Publications* Articles in some American and Indian papers *Recreations* Gardening Horseriding *Address* Khajuria, P O Dhamar, Dt Arrah (Bihar), Parliament House, New Delhi

SINGH, Ramacharitra, M Sc B L, Minister for Irrigation, Electrification Bihar Government Treasurer, Patna Univ *b* 1885 *Educ* Calcutta University Patna University For some time Demonstrator in Chemistry, G B B College, Muzaffarpur, joined Non Co operation Movement was Professor of Chemistry in Bihar Vidyapith for several years, elected member Bihar Legislative Council, 1926 took part in Non Co operation Movement 1930 1932 1940 1942 and imprisoned every time, elected member, Bihar Assembly 1937 and again in 1946 *Publications* Wrote 3 books in jail *viz* *Binua ka Vikash* and *Arya kon Hai* and one is in press *Address* Masnadpur (Bihar), P O Bihat, Railway Station Barauni Junction, District Monghyr Secretariat, Patna

SINGH, Rameshwar, President, Municipal Board Jodhpur, Proprietor, Messrs Durga Singh & Son Jodhpur & Jaipur *b* Sept 1918 A veteran Congressman member Rajasthan Provincial Congress Cttee and Working Cttee, Jodhpur has been Municipal Commissioner since 1944 worked in various capacities in the Municipal Administration and other public activities, was Incharge, Refugee Camp, 1947, appointed Convener, Ad hoc Cttee Jodhpur Municipality by the Rajasthan Govt, 1951 elected Chairman Municipal Board Jodhpur April 7 1952 *Address* Durga Singh & Son Jodhpur & Jaipur



SINGH, Rana Jang Bahadur, B A Journalist and Author M I A, Delhi ex Editor *The Times of India* Delhi *b* Dec 2 1901, *s* of Shyam Singh *m* Shrim Gyan Devi (1929) two *d* Sushama and Pratima *Educ* Canning Coll, Lucknow (1919) Allahabad Univ, Non co operated 1922 finally graduated from *National Muslim* Univ (Jamia Millia Islamia), Aligarh Sub Editor, *The Comrade* (Maulana Mohamed Ali s Weekly), Delhi, 1924 25, Editor *The Nation* (Weekly), Lahore, 1925 27, Editor, *The Tribune*, Lahore, 1946 48 Editor, *The National Call* and *Nav Bharat* (Hindi daily), Delhi, 1948 49 Editor, *The People* (Weekly) Delhi 1949 April 1950 Editor, *The Times of India*, Delhi 1950 February 1951 connected with All India Postal, Telegraph and Telephone Unions as President or Working President Member Court of Delhi Univ Delhi State Land Reform Cttee Delhi State Finance Cttee, Delhi State Students Loans and Stipends Cttee Vice Pres All India Peace Council, Indo Chinese Friendship Assoc made a study tour of Europe 1935, visited Europe as Vice Pres, All India Federation of Journalists contacting newspapermens organisations abroad 1950 visited the Soviet Union as a member of the Indian Journalists and Writers delegation, June Aug 1951 *Publications* *Patitoddhar*, *Barodoli Vijaya*, *Hindustani Sanskriti* etc *Address* 5/65 Ajmalkhan Road Karol Bagh, New Delhi

SINGH, Sardar Sampuran, ex-Minister for Relief and Rehabilitation PEPSU *b* Nov 1920, *s* of Havildar Jaimal Singh of Dhaula village and Smt Bibi Dhan Kaur of Manderkalan village Sangrur Dist *m* Smt Jalkaur one *s* *Educ* Matric and Giani Took active part in Quit India movement participated in Faridkot Satyagraha, 1946 joined Nabha Satyagraha along with his 60 year old mother, both being imprisoned for 3½ years at Nabha member, P C C and Pres Dist Congress Cttee, Barnala, 1949 50, was arrested under public safety ordinance, 1950 was honourably acquitted by the court *Address* ex Minister for Relief and Rehabilitation PEPSU Patiala

SINGH, Sardar Sant, B A LL B (Punjab) Ex Envoy Extraordinary and Minister Plenipotentiary of India in Ethiopia Addis Ababa *b* Sept 2, 1882, *s* of Sardar Ganesha Singh *m* Shrim Parbati Bai, three *s* and two *d*, *Educ* Presbyterian Mission High School Rawalpindi, D A V Coll, Lahore, Training Coll Lahore, Govt Law Coll Lahore Started life as a teacher switched off to Law, practised in Campbellpur and Lyallpur, 1908 47, when displaced from Pakistan, elected M L A, Central, 1931 45, elected member, Municipal Cttee, Lyallpur, 1933 elected Pres, Municipal Cttee, Lyallpur 1937, Pres Bar Assoc, Lyallpur 1935 45 Peace Cttee, Lyallpur, 1946 47 All India Nationalist Sikh Party, 1947 50, various political and Economic conferences, 1931 49, member, Indian Food Delegation to U S A and U K, 1946, Leader of Indian Goodwill Mission to Ethiopia, 1948 *Address* C/o External Affairs Ministry, New Delhi

SINGH, Lt -General Sant, G O C in C Eastern Command since Feb 1953 *b* Nov 28 1903 *s* of Sardar Sewa Singh, *m* Smt Dharam Kaur two *s* and one *d*, *Educ* Harthar High School, Ludhiana, Khalsa Coll Amritsar Royal Military Academy Sandhurst England Commissioned as 2/Lt in the Indian Land Army, Jan 1925, carried out one years attachment with the 2nd Bn The Queen s Royal Regt before joining the Indian Army Bn 1/14 Punjab Regt, took part in various NWF Operations commanded 2nd Bihar Regt served overseas in Persia, Iraq and Malaya and mentioned in Despatches for distinguished services during the 2nd World War, promoted Col Jan 47, Brig in Sept 47 and Maj General Dec 47 commanded the famous 4th Indian Infantry Division before being appointed Master General of Ordnance at Army HQ *Recreations* Hockey Athletics and Shooting *Address* HQ Eastern Command Ranchi (Bihar)

SINGH, Sardar Swaran, B Sc (Hons) M Sc (Physics) (Lahore) L L B, Minister for Works, Housing & Supply, Govt of India since May 1952 *b* Aug 19, 1907, *s* of Sardar Partap Singh, *m* Sardarni Charanjit Kaur, four *d* *Educ* Govt Coll, Lahore Returned to the Punjab Leg Assembly, 1946, elected Secy Panthic Party Parliamentary Secy (Home) for about six months in the Coalition Cabinet of Malik Khizar Hayat Khan Tiwana became leader Panthic Party Minister for Development and Civil Supplies Punjab, appointed a member, Security Council set up by the then Governor of the Punjab (Mr Jenkins) to advise Govt on



the day to day problems relating to law and order, March 1947, was member Partition Cttee to divide the assets of the Punjab Home Minister, Punjab, 1947 49 Minister of Capital Project and Electricity, Punjab, April May 1952 *Recreation* Long Walks *Club* Chelmsford Club New Delhi *Address* 7 Hastings Road New Delhi

SINGH, Sardar Bahadur Teja, B A , LL B , Ex Chief Justice, Patiala and East Punjab States Union High Court *b* Jan 4, 1889, *s* of Sardar Sunder Singh, *Educ* Khalsa High School, Amritsar, Mission High School, Rawalpindi, Gordon College, Rawal pindi Started practice as lawyer 1914, soon became a prominent civil lawyer at Rawalpindi, District & Sessions Judge, United Punjab, 1932 43, appointed a Judge of the High Court, Lahore, 1943 became Fellow, Punjab Univ, 1945 and member Syndicate 1946, appointed first Vice Chancellor of the East Punjab Univ, 1948, retired from the High Court, East Punjab, Simla, 1948 member Radcliffe Boundary Commission appointed to partition the Punjab, 1947 *Address* Patiala

SINGH, Lieut -General Thakur Nathu, has been G O C in C , Eastern Command *b* May 10 1902 *s* of Thakur Hamir Singhji of Gumanpur *m* Bai Sahib Suraj Kanwar *d* of Thakur Laxaman Singhji of Kundalia in Udaipur (Mewar) three *s* Kanwar Pratap Singh, Kanwars Ranvijay Singh and Amarjit Singh, and two *d* , *Educ* Mayo Coll , Ajmer Commissioned at Sandhurst, 1923, did a year s attachment with the South Lancashire Regt joined the 1st Rajput Regt , 1924 appointed Adjutant and took part in the Mohmand operations 1933, was mentioned in despatches, graduated from the Staff College, Quetta, 1938, Staff Captain and later Brigade Major Nowshera Brigade, G S O II of 4 Corps in Imphal, 1942 2nd in Command to the 2nd Rajput Regt commanded the 9th Rajput Regt Oct 1943 took his old Bn , the 1st to the Andamans and the Nicobar Islands and received the formal Jap surrender at Nancowry Dy Director Selection of Personnel with the rank of Colonel, Director, May Oct 1946, commanded the Dera Zat Force at Dera Ismail Khan and the Zhob Brigade, the Kamptee Sub Area, the Deccan & U P Areas 1947 48 *Recreations* Games Out door life and touring *Address* Gumanpura Dungurpur (Rajasthan)

SINGH, Tirath, B Sc , LL B , ex Minister for Education and Health, PEPSU *b* Dec 25, 1909 *s* of S Narain Singh of Tolewal Village, Dhuri Tehsil and Smt Nihal Kaur of Ubhewal Village in Sunam Tehsil (PEPSU) *m* Smt Sham Kaur *d* of S Lal Singh of Doburji village Payal Tehsil four *s* and two *d* *Educ* F C Coll Lahore Started practice, 1931 joined Prajamandal movement, 1938 arrested and convicted in 1940 for participating in Prajamandal Satyagraha against Hidayat 1938 was sentenced to 18 months imprisonment remained an active member of Prajamandal upto 1946 led a jatha of 125 persons in Farid kot satyagraha the same year elected General Secy , Punjab States Peoples Conference 1940 *Recreations* Hockey Tennis and Photography *Club* Rajindera Gymkhana Club Patiala *Address* Patiala

SINGHAL, Rajya Priya, Pramod Prakash, M Sc , Managing Agents Mewar Oil and General Mills Ltd Udaipur, Managing Director, Sanghi Motors, Udaipur *b* Feb 13 1920, m U P *s* of Rai Bahadur M S Singhal, Ex Member, Board of Revenue, U P and Rajasthan, *Educ* Had a brilliant academic career, topped in M Sc Allahabad Univ Owns large agricultural farms, has launched extensive irrigation and agricultural projects was conferred title of



Rajya Priya by Udaipur Durbar 1948 ,

prominent businessman of Rajasthan widely travelled Captain of Aquatics, 1939 42 Hon Secy , Field Club from Oct 1950, Hon Secy , Rajasthan Oil Mills Assoc member Rajasthan Industrial Advisory Council, Jaipur *Club* National Sports Club of India *Address* Lake House Udaipur (Rajasthan)

SINHA, Anirudha, M P *b* Nov 1902 at Sumri Village Darbhanga Dist (Bihar) *Educ* Bihar Vidyapith graduated 1925 Joined non co operation movement on the day when Montford reforms were inaugurated Nov 30 1920 Asstt Headmaster Gandhi Vidyalaya 1925 28 Sub Editor, *The New Servant*, started by Shyam Sunder Chakraverty, 1929 courted jail for various terms in the Satyagrah movements of 1930 32 and 40, was made a security prisoner in the Quit India Movement, 1942, elected Pres Darbhanga Dist Congress Cttee thrice 1947 52, Gandhi National Memorial Fund for Darbhanga Dist elected member Provisional Parliament, 1952, re elected from Darbhanga East Constituency in the general elections *Recreations* Adult education propagation of khadi farming *Address* Station Road, P O Lakenasarai Dist Darbhanga 28 Queensway New Delhi

SINHA, Anugrah Narayan, M A B L , D L , Minister for Finance Labour and Agriculture Bihar Government, since April 1946 *b* June 1889 *Educ* Patna Coll and Univ Law Coll (Calcutta) Prof of History T N J College Bhagalpur (1915 16) practised in Patna High Court till 1921 non co operated after Nagpur Congress worked with Mahatma Gandhi in his famous Champaran Agrarian Enquiry in 1917 elected Vice Chairman Patna City Municipality 1924, and Chairman District Board Gaya Pres Bihar Provincial Conference 1928, Working General Secy , Bihar Central Relief Fund (in connection with Bihar Earthquake) 1934 elected member Council of State (1926 29) M L A (Central) (1935 37) M L A (Bihar) 1937 General Secy , Bihar P C C 1934 36, Finance Minister Bihar Govt , 1937 39, General Secy Reception C'ttee , 53rd Session, Indian National Congress, jailed for 15 months 1933 34 took part in Individual Civil Disobedience Movement in 1940 41 and the 1942 movement and was detained for 9and 22 months respectively , worked as General Secy, North Bihar Co ordinating Relief C'ttee during epidemics in 1944 45, elected to Provincial Assembly 1946 selected Leader, Indian Delegation to International Food & Agriculture Organisation Conference held in Geneva in August-September 1947 elected Pres , Provincial Cttee of the Gandhi National Memorial Fund, 1948 Leader, Indian Food Delegation to Nepal 1948, Member, Indian Delegation to I L O Conference, Geneva 1950 re elected to the State Assembly 1952 *Publication* *My Reminiscence* (in Hindi) *Address* Secretariat Patna

SINHA, Mr Justice Bhuvaneshwar Prasad, B A (Hons) M A , B L , Chief Justice, Nagpur High Court *b* February 1 1899 *s* of Kashi Nath Sinha and Shrimati Sheila Devi *m* Shrimati Phulkesar Devi three *s* and three *d* *Educ* Arrah Zila School, Patna College and Patna Law College Vakil, Patna High Court, 1922 27 Advocate, 1927 35 Govt Pleader 1935 39 Assistant Govt Advocate, 1940 42 Judge Patna High Court 1943 51 *Recreation* Hiking *Clubs* Rotary Club Nagpur & Gondwana Club Nagpur *Address* Chief Justice's House Nagpur

SINHA, Mr Justice Chandreshwar Prasad, B A , Hons (Eng) M A (Eng) B L , Judge, Patna High Court since June 1950 *b* Feb 1 1901 *s* of late Rai Sahib Anandi Prasad Sinha a prominent Lawyer of Biharsharif, *m* Smt Kamala Devi three *s* and one *d* *Educ* Bihar H E School, Biharsharif Patna Coll and Law Coll Patna Enrolled Patna High Court Bar 1925 (I) cated as A

member, Faculty of Law, Patna Univ , Secy - General, Patna High Court Advocates' Assoc , 1947 50, member, Governing Body of several Educational Institutions *Address* Kadam Kuan, Patna 3

SINHA, Mr Justice Deep Narayan, B A , Barrister at Law (Lincoln s Inn), Judge, Calcutta High Court *b* Jan 14, 1908, *s* of Rai Bahadur Ranajit Sinha, a prominent lawyer of Bihar, *m* Smt Monisha Sinha, two *s* Rajnarayan and Tejnarayan *Educ* Hastings House, Santiniketan, Presidency Coll T N J Coll , Bhagalpur, Lincoln s Inn London Practised as Barrister on the Original Side, Calcutta High Court, Pres and patron of several Gymnastic Clubs and Health Associations of the City and Suburbs *Recreations* Painting Photography, Shooting *Club* Calcutta Club Calcutta *Address* 17 Priyanath Mallik Road Calcutta and High Court Calcutta

SINHA, Deva Sharan, B A B L (Patna Univ) Ex Minister for Medical and Public Health, Bihar *b* June 1903, *s* of B Rambhek Singh, *m* Srimati Mithilesh Devi, three *s* and one *d* , *Educ* Bihar National College and Law College, Patna Joined Bar, 1927, participated in the Civil Disobedience Movements of 1930-1933 and jailed several times participated in the August Revolution 1942 member, Bihar Provincial Congress Cttee and All India Congress Cttee , since 1934, elected member, Bihar Legislative Assembly 1946 and member, Working Cttee , Bihar Provincial Cttee , President of many Social Organisations unanimously elected Deputy Speaker, Bihar Legislative Assembly, 1946 Leader of the Backward Classes Federation Bihar *Recreation* Gardening *Address* P O Path District Patna (Bihar)

SINHA, Rajandhari, B A B L Ex Chairman, Public Service Commission Bihar *b* Oct 3, 1893 *s* of Rai Bahadur Chandradhari Sinha of Dharhara, Patna, *m* Sm Kamla Sinha one *s* and one *d* *Educ* Patna Collegiate School Patna College Patna Law College Elected to Bihar and Orissa Legislative Council, 1924 37, elected to Patna District Board, 1924 33, Chairman, Patna District Board, 1924 33 President Bihar and Orissa Legislative Council, 1933 37 Manager, Hathwa Estate, 1938 44, member, Jt Public Service Commission Bihar, C P and Berar and Orissa 1945 47, renounced C I E in 1947, associated with Patna University, Secondary Board of Education Text Book Cttee etc , Chief Editor *Kisan* 1931 37 *Address* No 1, King George Avenue Patna

SINHA, Dr Satya Narain, Minister for Parliamentary Affairs Govt of India since May 13 1952 *b* 1900 at Darbhanga (Bihar), *Educ* Patna Participated in the Non-Co operation movement and was imprisoned 1920 member Bihar Legislature 1926 30, Indian Constituent Assembly was Chief Whip, Congress Party in the Central Assembly and Constituent Assembly Minister of State for Parliamentary Affairs Govt of India 1949 52, returned to the House of the People from Samastipur East Constituency Bihar in the general elections *Address* Minister for Parliamentary Affairs New Delhi

SINHA, Shyama Prasad, B A Chairman Bihar Legislative Council *b* April 1895, *s* of Chhatradhari Singh, Zamindar, Mallepur *m* Srimati Lalita Sinha, one *s* and four *d* , *Educ* T N J College, Bhagalpur St Paul C M S College, Calcutta Univ Law College, Calcutta Joined Non co operation Movement Sept 1920, has taken politics as career, courted imprisonment several times, 1921 1932, 1940 and 1942, etc , was member and also executive head, Dist Board and Local Boards, Asstt G O C , Gaya Congress, 1922, G O C Ramgarh Congress 1940, In charge of the Volunteer Organisation of the Province till election as Dy Pres , Bihar Legislative Council elected member Bihar Leg Council April 1940 and Dy Pres June

1946 Director, *Navashakti* since 1935, Chairman, Board of Directors, Navashakti Publishing Company since 1946, Editor, The *Calcutta Samachar*, 1919 20 *Recreations* Sports, riding and hunting *Address* Patna

SINHA, Sri Krishna, M A, B L (Calcutta), Chief Minister, Bihar since 1946 *b* Oct 21, 1887, in an ancient Zamindar family of Bihar, *m* two *s*, Shivashankar Sinha and Bindhi Shankar Sinha *Educ* Monghyr Zilla School Patna Coll Patna, Calcutta Univ Joined the Bar, 1916, gave up practice in response to Gandhiji's call, 1920, since then a leading member and an active worker of the Indian National Congress, served jail sentence of over eight years in all as a result of his political activities,



leader of the Swaraj Party in the Bihar Legislative Council, 1927, Chairman, Monghyr District Board, 1930 Pres B P C C, 1935 M L A (Centre, 1935 36, first Prime Minister of Bihar 1937 39, was a member of India's Constituent Assembly, re elected M L A from Kharagpur Constituency of the Bihar Legislative Assembly, re elected Leader, Party, which is in absolute majority Bar Legislature *Recreation* Books *Address* Patna Bihar

SIPAHIMALANI, Smt Jethi Tulsidas Member Bombay Legislative Council, J P, Hony Magistrate Bombay *b* Feb 10 1906 at Hyd Sind *d* of Lieut R S Dewan Tulsidas Lardas *Educ* D J Sind Coll Karachi studied upto B A, when she had to leave studies to take part in non co operation movement Started active social and political life at the early age of 20 took active part in Khadi movement even during school and college days, courted imprisonment thrice and remained in jail for over 3 years, the first Sindhi lady who contested and was elected to the Karachi Municipal Corporation 1934 was member Municipal School Board 1930 1935 when Provincial autonomy was introduced, returned uncontested to the Sind Leg Assembly, 1937 48, migrated to India 1948 was Deputy Speaker, Sind Leg Assembly till 1947 was always returned uncontested, was Pres Sind Health Visitors Midwives and Nurses Council, All India Women's Conference, Vice Pres Sind Collegiate Board, Harijan Sewak Sangh (Sind Branch) Rashtra Bhasha Prachar Samiti (Sind Branch) Chairman, Kasturba Memorial Fund (Sind Branch), was member National Planning Ctte (Women's Role in Reconstruction Section) Text Books Ctte of Govt of Sind Managing Board of Civil Hospital Karachi was connected with various social and charitable institutions, Govt of Bombay's representative on Central Advisory Board to the Ministry of Rehabilitation, member, Women's Section, Directorate of Rehabilitation Chairman, Women's Rehabilitation Depot and various other institutions of displaced persons *Address* 4th Floor Al Abad Opp Ritz Hotel Churchgate Bombay



SITARAM, Sir, M A, L L B, D Litt, Rai Saheb (1919) Rai Bahadur (1923), Knight Bachelor (1931) *b* Jan 12, 1885 *m* Srimati Basudevi Member Mun Board, Meerut (1910 20), Chairman, Education Ctte Hon Secy, Meerut Coll for 16 years and Trustee for life, Hon Secy Devanagri High School (1913 37) Hon Secy, Lyall Library, Meerut (1911 48), elected member, U P Legislative Council (1921 37), Pres, U P Legislative Council (1925 37), member Executive Council, Allahabad Univ and Hindu Univ for several years founder of Depressed Class Schools and Sevak Mandal at Meerut, Member, Indian National Congress (1905 19), ex Pres, Sri Badrinath Temple Ctte, Pres, Raghunath Girls' Coll, Meerut, President Patron of the U P Sports Control Board, Lucknow, Pres, Upper House, U P Legislature, 1937 49, High Commissioner for India in Pakistan, March 1949 Nov 1950, Chairman, Universities Grants Ctte U P Pres, U P Ethnographic Society *Address* Champa, Meerut

SITARAMAYYA, Dr. B Pattabhi, B A, M B C M Governor of Madhya Pradesh since July 1952 *b* November 24, 1880 Started medical practice at Masulipatam, 1906, gave it up, 1916, has been a member of the A I C C since 1916, started the *Janmabhumi*, an English Weekly, 1919, jailed several times in connection with Congress movement member, Working Ctte of the A I C C, 1929 1930, 1931 and again between 1934 and 1936, 1938 and 1939 and 1940 46 and in 1948 takes an interest in the Co operative Movement elected member, Constituent Assembly 1946 Pres, All India States Peoples' Conference in 1936 at Karachi—Navasari Convention, 1938 39 working Pres, A I S P C in 1946 47 48, elected Pres, Indian National Congress, Jaipur Session 1948 50 *Publications National Evolution*, 1912, *Indian Nationalism*, 1913, *Contribution of Indian Provinces on a Language Basis*, 1916, *The Indian National Congress* (Jubilee Commemoration Volume, 1935), *Economic Conquest of India*, *Constitutions of the World*, *Gandhi and Gandhism*, *Gandhism and Socialism*, *Hindu Home Rediscovered* in 1936 37, *Why Vote Congress Sixty Years of Congress*, *Fundamentals of India's Political Problems*, *Feathers and Stones*, *History of Congress*, Vol II, *Current History in Question and Answer* *Address* Nagpur 103 Gandhinagar Madras 20



SIVASUBRAMANIAN, L R, M L (Madras), University Professor and Dean Faculty of Law University of Delhi *b* July 31, 1899 *s* of L P Ramachandra Iyer *m* Srimati Rajammal of Tanjore, two *s* and three *d* *Educ* S P G College Trichinopoly, Law College Madras, L C Miller Gold Medalist Enrolled Madras High Court, 1923, practised till 1927, appointed Reader in Law, Banaras Hindu Univ, 1927, Head of the Department of Law, 1938, Dean, Faculty of Law, 1939, and later Principal and Univ Professor of Law, member, U P Legal Education Reform Ctte, 1937, Sectional Pres, All India Law Conference, Hyderabad (Deccan) 1944, Member of Senate, Syndicate, Court and Council, Banaras Hindu Univ, member, Law Faculties of the Allahabad, Lucknow and Banaras Hindu Universities for several years *Publications* Wrote several articles to papers and journals, *e g*, Theories of Punishment Reorganisation of Legal Education in India, Hindu Law Reform, etc, etc *Address* No 8, Cavalry Lines, Delhi

SOBHANI, Osman, M P (Council of States) Business man *b* Dec 8 1895, *s* of Haji Yusuf, *m* Khadija Haji Ismail, one *s* and one *d* *Educ* St Xavier's Coll, Bombay Joined the Elphinstone Mill as an apprentice 1914 studied mechanical engineering and technology of textiles 1917 took charge of management of Elphinstone Mill from his brother Umar Sobani later managed several textile mills and other industrial concerns, Managing Dir *Bombay Chronicle* and *Khilafat*, Hon Secy, B P C C, Financial Secy, All India Khilafat Ctte Pres, B P C C Chairman, Anjuman e Islam member, Municipal Corporation Bombay, Joint Secy, Hyderabad Govt Industrial Trust



Recreations Music Movies Gardening *Clubs* Royal Western India Turf Club Cricket Club of India, Banjara Hill Club Hyderabad Delhi Gymkhana Club *Address* Rahat Afza Jubilee Hill Hyderabad 10 Western Court New Delhi

SODHBANS, Sirdar Prem Singh, F L A A (Lond), F C A, Lahore *b* 20th July 1885 at Gujarkhan, *Educ* Ramnagar (G Wala) & Lahore Founder & Editor *Indian Accountant*, since July 1922, Adviser to Indian Employers Delegate to 20th Session of the International Labour Conference, Geneva, 1936 Pres, Society of R As in N India, Lahore, 1937 38 and 1941 42 Incorporated Secretaries Assoc (India), 1941 46, Indian Chamber of Commerce 1942 43 member, Advisory Ctte, Ministry of Relief and Rehabilitation, Govt of India, 1947 49 Pres, Delhi and East Punjab Assoc of Accountants, Delhi, 1948 51, Member, Council of International Chamber of Commerce Paris, 1949 51 Founder Hon Secy, Delhi Chamber of Commerce, New Delhi, 1949 *Publications Indian Accountant and Secy*, *Economic Planning of India*, *German Problem in Europe*, 1936 *d* 1938 *India and League of Nations Industrial Development of India*, *Development of Accountancy Profession in India*, *Sikh Position in India Indians Abroad*, *Food Problem*, etc, etc *Address Office* Dilbar Building, Original Road Paharganj, New Delhi *Residence* Prem Villas, 13, Rajindra Nagar, New Delhi

SODHI, Darbara Singh, B A (Hons), Politics and History (California, U S A), M A, Politics and History (Michigan) has been Principal, Khalsa College, Bombay *b* Oct 3, 1900, *s* of Sardar Attar Singh Sodhi and Atma Devi *m* Koshalya Rani, two *s* and one *d*, *Educ* Khalsa Coll, Amritsar Punjab, Univ of California at Berkeley (U S A), Univ of Michigan at Ann Arbor (U S A) Has travelled in Burma, China Japan England France, Switzerland and Italy, started the Nationalist English Weekly *New Era* from Amritsar after returning from the United States, 1930, Editor, *Daily Akali Patrika* Lahore, upto June 1937, Senior Professor of Politics and History, Khalsa Coll 1937 39 Vice Principal 1939 48 *Address* C/o Khalsa College Matunga, Bombay 19

SOHAN LAL, Lala, Pr[illegible] Singh & Sons, Delhi *b* Sept 15 1[illegible] *s* of late Rai Bahadur Lala Mohan Lal Chairman Eastern Woollen Mills Ltd, Bombay, New Indian Industries Ltd, Bombay, Sri Krishna Trading Corporation Ltd, Bombay Peshawar Electric Supply Co Ltd Delhi Sialkot Electric Supply Co Ltd Delhi Federation of Woollen Manufacturers in India Pres, Indian Chamber of Commerce, Punjab, member Legislative Assembly (Punjab) 1938 46, member Lahore Municipal Committee, 1933 37 *Address* 44 I Bungalow Road, Delhi 6



SOHONI, V V, B A (Hons), M Sc, F N I, Director General of Observatories, since 1950 *b* Sept 6, 1898, *m* Mrs Malati Sohoni (née Gadgil) one *s* and three *d* *Educ* Bombay Univ (Wilson College), College Fellow 1919 22 Joined I Met D, Simla as Meteorologist, 1922, Calcutta, 1926 29 (First whole time Storm Warning Officer), Poona, 1930 36 Karachi, 1936 39 Poona, 1939 42 Bangalore, 1942, Superintending Meteorologist, 1942 New Delhi 1942, Deputy D G, Poona, 1946 Pres Regional Assoc for Asia under World Meteorological Organisation 1951 53, Chairman Atmospheric Research Ctte, Ex Officio Editor *Indian Journal of Meteorology and Geophysics* *Publications* Scientific papers and articles in departmental and other publications *Address* Meteorological Office Lodi Road New Delhi

SOKHEY, Maj -Gen Sir Sahib Singh, Kt (1946), I M S, M A, B Sc, M D (Edin), D T M & H (Lond), Fellow, Indian Academy of Sciences, Fellow, National Institute of Sciences of India was Assistant Director General World Health Organisation Geneva *b* 15th Dec 1887, *m* late Menaka—celebrated Indian danseuse, *Educ* Govt College, Lahore, Edinburgh Univ London Hospital Medical College, Trinity College, Cambridge, John Hopkins Univ Harvard Univ and Toronto Univ Joined I M S, 1913 coming first in the Competitive Exam, served in World War I, 1915 21 Rockefeller Foundation Fellow, 1923 25 joined Haffkine Institute, 1925 as Asstt Director, Director, 1932 49 Director (Production) Haffkine Institute, Dec 1949 March 1950 Won Stalin Peace Prize 1954 *Publications* Scientific papers in various science journals *Address* C/o Haffkine Institute, Bombay

SOMAN, Ramchandra Ganesh, Chairman, Board of Directors Western India Life Insurance Co Ltd, Satara District Pleader, ex Chairman, Bombay Leg Council *b* 24th November, 1876, *m* Mrs Sitabai Soman, *Educ* Satara Started practice at Satara (1900), edited a Weekly named *Prakash* for 15 years, was member of Bombay Leg Council for Satara Dist 1924 26 and 1934 36, was a follower of Lok Tilak, member of the Congress for more than 40 years elected member and Deputy President on Congress ticket to the Bombay Leg Council, 1937 elected President of Satara Municipality for triennial period 1938 Chairman Board of Directorate of United Western Bank, Satara, confined in jail as detenu, 1932 and Jan 1941 and again, Sept 1942 under Defence of India Rules released on health grounds Dec 1943, appointed on the Council of D E Socy, Poona, on the demise of late Sir D Cooper elected President, Bom Leg Council, 1947-52 *Address* Shanwar Peth Satara City

SONI, Captain Seth Sir Bhagchand, kt a leading Banker and Merchant, comes of an ancient family renowned for its charities one of its members the great grandfather of the Rai Bahadur built the magnificent Jain Temple at Ajmer Proprietor of the firm of Seth Joharmal Gumbhirmal, Ajmer *b* November 11 1904 President Rajputana Olympic Association M L A, Central, 1935 45, Chairman and Managing Director, Soni Industries Ltd Managing Agents of the Maharaja Kishengarh Mills Ltd, Chairman, Maharaja Kishengarh Mills Director, The Amalgamated Ratlam Electric Supply Companies Ltd, Mewar Textile Mills, The General Assurance Society, The Jodhpur Commercial Bank Ltd, Pres All India Digamber Jain Mahasabha, Life member, Jodhpur Flying Club, Chairman, Indian Club, Ajmer, has given large contributions and donations for charities and is running the Tikam Chand Jain High School for boys, and a girls' school at Ajmer *Hobbies* Photography and Music *Address* Tikam Niwas Ajmer



SONI, Vallabhdas Kalyanji, B Sc Business man *b* June 28 1929 s of Kalyanji and Dalbai of Bangalore *m* Smt Hira *d* of Mr and Mrs Lalji Vaghji Javeri Bombay *Educ* Khalsa Coll Bombay took B Sc degree of the Bombay Univ Entered into mining business in Goa on a large scale knows Hindi English Portuguese Gujarati and Konkani *Recreations* Badminton Swimming *Address* Casa Moderna Margao, Portuguese India



SORCAR, Pratul Chandra, Magician *b* Feb 23, 1913, at Tangail, Eastern Pakistan, *es* of Bhagwanchandra Sarkar *m* Smt Basanty, *d* of Dr P N Mazumder, M B, B S, 1937, three *s* and two *d*, *Educ* Calcutta Univ upto B A with Maths (Hons) Represents in his person the seventh generation of a family of magicians, took to magic before he was conscious of it, celebrated his Silver Jubilee as exponent of natural magic and prestidigitation, 1951, has by his stage performances and writings brought to the public the cultural and international appeal of the art of Indian magic, holder of the 'Sphinx Gold Award (the Nobel Prize of Magic) from New York for the world's best stage magic and is the only magician in the world today to have received this coveted award twice hailed as World's Greatest Magician in Germany and awarded Royal Medallion and the Golden Laurel, Hon Member of the very exclusive Magicians Club, Tokyo (Japan), being the first non Japanese, Asian or European, to receive this honour Leicester Magic Circle (England), Cercle de Prestidigitation (Belgium) *Magis cher Zirkel von Deutschland* (Germany) Hon Member of degree Maitre Magicien in AFAP (Association Francaise du Artistes de Prestidigitation Paris) Pres All India Magicians Club Calcutta, the Calcutta Branch of the International Brotherhood of Magicians U S A the 'P C Sorcar Ring is named after him, cycled on Place de l Opera, Paris blindfolded and hooded 1950 and in Calcutta, 1936, his demonstration of such powers televised by London B B C, New York N B C and Chicago W G N, 1950, performed at World Magic Convention (Chicago) May 1950 *Publications* 16 works on magic and allied subjects in English, Hindi and Bengali, regular contributor to French, German, Dutch Belgian, Spanish, English and American magic journals, only magician in India to be invited regularly during the past 15 years to speak on magic over A I R Radio Network and Radio Pakistan *Recreations* Magic *Address* 'Indrajal' 12 3A Jamir Lane Ballygunj, Calcutta 19, West Bengal



SOREN, Sunaram, B A, B L, Minister for Tribal and Rural Welfare, Labour and Commerce Orissa since 1952 *b* 1921 *Educ* Baripada High School, Ravenshaw Coll Cuttack recipient of Govt scholarships, B L, Utkal Univ Joined the Bar at Baripada 1946 Pres, Adibasi Mahasabha in Mayurbhanj District, was the undisputed leader of about 8 lakh Adibasis, was elected leader of the opposition Mayurbhanj State Assembly, 1948, imprisoned for revolutionary activities, released on medical grounds after two years, became Pres Mayurbhanj Dist Adibasi Congress, 1951, Ag Pres Nikhil Utkal Adibasi Congress, since Sept 1951, performed election tours in some of the Adibasi Districts of Orissa was elected to the Orissa Leg Assembly, 1952 *Address* Secretariat, Cuttack

SREENIVASAN, M A, Retired Prime Minister, Gwalior State, and Retired Minister, Mysore State *b* Sept 20 1897, *Educ* Hindu High School, Madras and Central Coll Bangalore Entered the Mysore Civil Service 1917 Served in practically all departments of Government including Revenue Judicial, Finance and Audit, Army Industries Local Administration and the Secretariat Financial Adviser Hydro Electricity Department invited to Europe and America in connection with the Mysore State business in London and New York 1928 30 was later deputed to report on the economic and social conditions of labour in the Kolar Goldfields, 1931 special duties in the Industries Dept to rehabilitate and manage the Sri Krishnarajendra (Textile) Mills Mysore 1931 34 Deputy Commissioner and President City Municipal Council and the City Improvement Trust Board Govt Director Industrial Concerns including Chairmanship or Govt Director ship of eleven major industries in Mysore State) 1939 40 services lent to the Govt of India during the war as Controller of Supplies, South India May 1940 *recalled* in April 1943 by His Highness the Maharaja of Mysore for appointment as Minister for Food, Industries, Civil Supplies, Forests, and Mining, Chairman, Mysore Iron and Steel Works, Board of Industrial Research, etc, 1943 45, Minister for Agriculture, Local Self Government, Army, etc, 1945 46 Vice President, Executive Council, Gwalior State and Member, Constituent Assembly, Council of Ministers, States Negotiating Committee Union Constitution Committee, etc, 1947 48, Chairman, Kolar Gold Mining Companies Director, Buckingham & Carnatic Co, Consolidated Coffee Estates (1943) Ltd Coffee Lands & Industries (Mysore) Ltd Harry Ferguson of India Ltd The Indian Cable Co Ltd [illegible]

SRI KRISHNA, Dr, C I E (1942), Ph D, D Sc (Lond) F N I, Scientific Adviser and Scientific Liaison Officer to the Indian High Commission, London, since 1950 *b* July 1896 at Lahore *s* of late M Mohan, *m* Usha Khanna (died 1928) *Educ* Punjab Univ, D S I R (England), Research Scholar, 1919-21 Queen's College, London, King's College London Elected Fellow of the Royal Institute of Chemistry, 1923, Research Assistant, Chemistry Dept, King's College, London 1924 appointed Reader in Organic Chemistry, Punjab Univ 1925, appointed Biochemist, Forest Research Institute, Dehra Dun, 1928 elected Foundation Member of the National Institute of Sciences, India, 1937, elected Pres, Chemistry Section, Indian Science Congress 1940 appointed Vice President, Forest Research Institute & Colleges Dehra Dun 1947, represented India at the Fifth Empire Forestry Conference, London 1947, Leader of the Scientific Delegation to Australia, 1948, Dir of Forest Research, Forest Research Institute & College, Dehra Dun 1948 50 *Publications* Over a hundred publications mainly on plant products *Recreation* Tennis *Club* Dun Club *Address* The High Commission of India, India House, Aldwych London W C 2

SRI RAM, Nilakanta, B A (Madras) President Theosophical Society *b* Dec 15 1889 *m* Smt Bhagirathi Ammal two *s* and one *d*, *Educ* Madras Worked with Dr Annie Besant in her newspaper *New India* was on the *Leader* staff for a short time has been Secy Treasurer and Vice Pres Theosophical Society has been travelling abroad lecturing and writing *Publications* 4 *books* to *Reality A Theosophist Looks* at *The Human Interest* etc *Address* Theosophical Society Adyar Madras

SRINIVASAN, C R, Managing Editor, *Swadesamitran* Madras *b* Nov 28, 1889 *Educ* Presidency Coll, Madras, travelled widely in India for business contacts, 1910 15, Manager and Assistant Editor *Swadesamitran* 1915 28, Editor, from 1928, also Managing Dir from 1934, devoted special attention to the study of problems relating to Banking, Industry and Commerce and presided over several Conferences on these subjects in Madras State, Pres, Local

Board Bank of India from its inception, Dir, Central Board, from 1937, first Indian Trustee of Reuters Ltd, Dir, PTI Ltd, Pres, AINEC, 1949 50, Dir Board of former Bharat Lines Ltd, Bombay Ashok Motors Ltd, East India Distilleries Ltd, Deccan Sugars Ltd, Kumbakonam Electric Supply Corporation Ltd Negapatam Electric Supply Corporation Ltd etc presided over several journals Ctte Malaya and 1949, Canada and U S A, 1950 *Publications Standards and Values A B C, Talks*, in English and *The Balance* in Tamil *Address* Swadesamitran Madras

SRINIVASAN, Kasturi, B A, Managing Editor *The Hindu* Madras Aug 1887, son of the late S Kasturi Ranga and Editor of *The Hindu* died from the Madras Pre Coll Joined *The Hindu* as Manager and assumed Editorship in February 1944 President, All India Newspaper Editors Conference (1940 44) Chairman, Indian Section of the Empire Press Union 1943 45, President, Indian and Eastern Newspaper Society 1947 Chairman, Press Trust of India Ltd, 1947 52 *Address* Sabarmati, Mowbrays Road Madras 18

SRIVASTAVA, J K, B Sc (Tech) A M C T A T I *b* Nov 13, 191?, *s* of Dr Sir J P Srivastava, K C S I K B E M C and Lady Kailash Srivastava, *m* Mrs Raj Mohini Srivastava *d* of L Karamchand Thapar of Calcutta, one *s*, *Educ* Philander Smith College, Naini Tal Crimes Tutorial Sch ster College of Univ of Ma training in Mill wor Cott d to India to join business President U P Chamber Kanpur 1945-49 and 1952 54 member State Planning Board Indian Central Cotton Ctte representing the U P Mills M L A representing the U P Chamber of Commerce 1949 April 1952 Member All India Council for Technical Education, Govt of India Central Employment Advisory Ctte Govt of India All India Ctte for Higher Technical Education Abroad Zonal Rly Users Consultative Ctte Northern Rly New Delhi Board of Industries U P Chairman Advisory Board Central Bank of India member Local Posts and Telegraphs Advisory Ctte Lucknow Executive Ctte Post war Reconstruction Ctte U P Finance Ctte and Syndicate Ctte Non official Advisory Panel U P Transport Board, Textiles Ltd Rampur Rampur Timber & Turnery Ltd New Bhopal Textiles Ltd, Bhopal Jagatjit Cotton Textile Mills Ltd Phagwara Concord of India Insurance Co Ltd Calcutta Pioneer Ltd Lucknow, Sir J P Srivastava & Sons (Rampur) Ltd Rampur Managing Director The New Victoria Mills Co Ltd Kanpur Shree Sadul Textiles Ltd Sri Ganganagar (Rajasthan) Rampur Finance Corporation Ltd Rampur J P Srivastava & Sons Ltd Sir J P Srivastava & Sons (Bikaner) Ltd Sir J P Srivastava Sons (Bhopal) Ltd Sir J P Srivastava Sons (Madhya Bharat) Ltd *Recreations* Riding Shooting Yachting Rowing Swimming *Clubs* Boat House Club Ltd, Naini Tal, Yacht Club Naini Tal Cawnpore Club Ltd Kanpur Delhi Gymkhana Club, New Delhi *Address* Managing Director New Victoria Mills Co Ltd Gwaltoli

STACK, Cecil, Managing Director The Dunlop Rubber Co (India) Ltd *Educ* Whitgift Croydon Joined the Dunlop Rubber Co Ltd, U K, 1922 President Institution of the Rubber Industry (London), tion, Chairman, of Rubber rs in India Rugger and *Address* 52 3 Circular Road Calcutta 19



SUBBARAO, Mr Justice K, B A, I L Judge, High Court Madras, since March 1948 *b* July 15 1902, *s* of K Subrahmaneswara Rao, B A B L, Pleader, Rajahmundry *m* k Parijatham, *d* of Rajadharmapravina P Venkataramana Rao, Retired Chief Justice, Mysore High Court, one *s* and one *d*, *Educ* Govt Arts Coll Rajahmundry, Law Coll, Madras Practised in Madras High Court from 1926 *Club* Cosmopolitan Club, Madras *Address* 'Corner House, Marshall's Road Egmore Madras

SUBBARAYAN, Dr Paramasiva, M A B C L (Oxon), LL D (Dublin), Zamindar of Kumaramangalam, ex Chief Minister, Madras *b* 11th Sept 1889, *m* Radhabai Kudmul *d* of Rai Sahib K Rangarao of Mangalore, three *s* and one *d*, *Educ* Newington School Madras, the Presidency and Madras Christian Colleges and Wadham College Oxford Was Council Secretary for a few months in the first reformed **Legislative Council has been a member of Madras Legislative Council representing South Central Landholders from 1920, Chief Minister, Government of Madras 1926-30**, elected to the Madras Legislative **Assembly unopposed for Tiruchengodu rural member, A I C C 1920 and 1937 39 Minister for Law, Madras, 1937 39, and** 1947 48 Indian Ambassador in Indonesia 1949 51 *Address* Tiruchengodu Salem District

SUBRAHMANYAM, Kandala, I L B Member, House of the People *b* July 17, 1920 *s* of *m* Smt Surya Ka Sarajah s Coll Vizia In Univ took I L B H Law C in March 1946 Has been in the 1939 47, Secy Socialist Party 1947 50, Socialist Party (Andhra State) 1950 51 Belgaum City Students Union, 1944 45 Jt Secy Karnatak Provincial Students Federation 1944 Vizag District Congress Assembly 1945 46, member, Andhra Prov Congress Ctte, 1945 46 *Address* Dasannapeta Vizianagram Dist Andhra Pradesh Delhi

SUBRAMANIAN, Kavasseri Narayana, M A O B L (June 1946), Jt Secretary Ministry of Labour, Govt of India, since March 1948 *b* June 4, 1909, *m* Smt Janaki Subramanian one *s* and one *d*, *Educ* Zamorins Coll Calicut Presidency Coll Madr Oriental Studies London 1932 Under Secy to Madhya Dist Magistrate (Chh Buldana) 1939 44, Deput Bhya Pradesh Govt 1944 Sec 17, Management Engineer, United Secretariat New York, 1947 48 wo Ministry of Labour, Govt of India time from July 1953 *Recreations* Mo Movies (amateur) *Club* Delhi Gy Club New Delhi *Address* Mun

SUBRAMANYAM, Palghat Ramakrishna, M A, Stock, Share and Finance Broker *b* 5th June 1909 in Palghat, *m* Smt Ambujam Harihara Iyer in 1930 three *s* and one *d*, *Educ* in Mysore, obtained first rank in B A Degree Examination held by the Mysore University with Mathematics, Economics and Statistics as optional subjects in 1929, was the recipient of four gold medals, was a merit scholarship holder in the B A as well as M A cl s s passed M A Degree with distinction with Mathematics, St Mathematical as his special su jects Joined Messrs Batlivala and Karani, as Statistician, Investment Consultant and Sub broker 1933 after serving them for a period of eight years and three months was elected a member of the Bombay Stock Exchange on October 7, 1941 and started independent business as a Stock, Share and Finance Broker on November 28, 1941, as an Underwriter, has been responsible for placing several issues on the market (Total Issued Capital of about Rs 4 crores), Director of several Joint Stock Companies *Address* 70-A, Stock Exchange Building Apollo Street, Fort, Bombay



SUBRAMANYAM, V R, Proprie & Co Madras Bangalore & Bom facturers of Raja Snow and othe ducts *b* Feb Madras only s of late V Raju Mudaliar a prominent merchant of Bellary, has travelled extensively in India and also visited United Kingdom and several countries in Europe 1951 visited the countries of the Far and travelled ughout Japan 1952 *Address* Raja Snow Buildings Seshadripuram Bangalore



SUDHALKAR, S A, ex-Dewan of Baroda *b* 1891, *Educ* Baro and Law College, Bombay Be as Pleader in the Baroda High Co in 1913, entered Baroda service as Puisne Judge of the High Court in 1934, I Remembrancer, 1941, Chief Justice, 1944 appointed Education Member in 1946, Constitutional Adviser to Jodhpur State, 1944 awarded gold medal of Rajya Ratna Mandal 1933 takes keen interest in public service was elected member of Bar pal Corporation in 1915 Vice- dent in 1924, first non official nt 1929 34, was nominated of the Baroda Legislative 1925 34, worked on various com h as Hindu Law Dhara Sabha n Legal Dictionary etc appointed Acting, Dewan on the retirement of Sir B L Mitter on 1st October 1947, confirmed as Dewan on 28th Jan, 1948 and retired on 1st June 1948 awarded gold medal of Arunaditya Mandal carrying with it the title of Raj Karya Dhurandhar, 1948, s interest in the Co operative Pres, Anyonya Sahayakari Baroda, the oldest urban Co operative as Director, Baroda Co operative Land age Bank, Baroda, elected Pres, Shree Vihar Club, Baroda, Vice Pres, ilee Coronation Gymkhana, Co operative Stores in Baroda ayam Prakash, Pratap Ganj,



SUKHATME, Pandurang Vasudeo, B Sc, Ph D (London), D Sc (London), F N I, Chief of the Statistics Branch, Food and Agricultural Organisation of the United Nations, Rome, since Aug 1951 *b* July 27, 1911, *m* Indumati Deval, three *s* and one *d*, *Educ* Fergusson College, Poona University College, London, Galton Laboratory, London Rothamsted Agricultural Experimental Station, Harpenden Statistician to Economic Adviser to Govt of India 1938, Asstt Professor of Vital Statistics, All India Institute of Hygiene Calcutta, 1939 40, Statistical Adviser, Indian Council of Agricultural Research 1940 51, elected Fellow of the American Statistical Assoc, 1951 *Publications* Editor of Journal of the Indian Society of Agricultural Statistics, Author of the book on *Sampling Theory of Surveys* published by Iowa State College Press and Indian Society of Agricultural Statistics 1953, also of several original research memoirs e g, *Bipartitional Functions* published by Royal Society London, evolved the technique of random sampling for estimating crop production *Address* Rome, Italy

SUKTHANKAR, Yeshwant Narayan, C I E (June 1941), B A, L L B, Bar at Law (Lincoln's Inn), I C S, Special Secretary of the Cabinet and Secy, Planning Commission, Govt of India New Delhi, since Dec 8 1952 *b* Aug 24 1897 *s* of late Narayan Vishnu Sukthankar, Civil Engineer and Architect, *Educ* Bombay and Cambridge Universities Joined the Indian Civil Service, 30th October, 1922, served in Madhya Pradesh as Asstt Commissioner, Offg Deputy Commissioner April 1927, Under Secy to Govt, Madhya Pradesh, Oct 1932, Offg Revenue Secy to Govt, Madhya Pradesh June 1933, Deputy Indian Trade Commissioner, July 1934, acting Indian Trade Commissioner, Oct 1934 and again, Sept 1935, Deputy Secy, Commerce Dept, Govt of India, July 1937, Deputy Commissioner (confirmed), August 1937, Tea Controller for India, Oct 1939, Secy, Commerce Dept, Govt of India, Aug 1946 Aug 1947, Secy, Ministry of Transport, Aug 1947 Dec 1951, Secy, Commerce and Industry Ministry, Dec 1951 Dec 1952 *Recreations* Long walks Reading *Club* Delhi Gymkhana *Address* 3, Queensway, New Delhi

SUNDARAM, Kuthur Vaidyanath Kalyan, B A (Hons) (Madras Univ), I C S, Secy to the Govt of India, Ministry of Law, since April 1948 *b* Jan 1, 1904, *s* of the late K S Vaidyanatha Iyer, M A, L T, Madras Educational Service, *m* Indira, *d* of Sardar Umrao Singh Sher gil of Majitha, *Educ*, Coimbatore College, Presidency College Madras and Christ's College, Cambridge Appointed to the I C S, October 1927 served in Madhya Pradesh as Assistant Commissioner District Judge and later as Registrar of the Nagpur High Court, 192 Reforms Officer of the Govt of India, 193 Legislative Department of the Govt of In 1938 48 *Club* Delhi Gymkhana *Address* 5 Race Course Road New Delhi

SUNDARA Raj, Dewan Bahadur Dr B F N I, O I C S L (Fisheries) on contract with Ceylon Govt, since 1950 *b* 1888, *m* Phyllis Seymous Darling M B S F, F R G S *Educ* M A (Madras) and Ph D (Liverpool) Dir of Fisheries Madras 1923 40 Pres Ind Sc Con (Zoology), 1928, member, Fish Committee, I C A R conducted 5 record Pearl Fisheries 1926 28, in augurated Fish Refrigeration, Pearl Farming and Medicinal Fish Liver Oil Industry in India, Fishery Development Officer, U P 1944 50 *Publications* Author of many fisheries publications, notably the Madras Fisheries Bull 1923 41, including 1st Fish Statistics and reports on trawling in Madras, Dams & Fisheries, Proc Ind Acad Sc Vol XIV Chief Zoological publications papers on Fauna of Krushadai Island, Madras Govt Mus Bull, 1927, several accounts of Fish including a new genus of Schizothoracine and new crops, Ind Mus Rec Vols XII & XLIII and Proc Ind Sc Cong, 1915 onwards *Address* "Park View, Miller Road, Kilpauk, Madras

SUNDARAM, Dr Lanka, M A (Madras) Ph D (Lond), Scholar Hague Academy of International Law (1931), M P Publicist, Editor, *Commerce and Industry*, New Delhi *b* Nov 26 1904, 1st *s* of late Lanka Sitharamayya Garu and late Smt Ramayamma Garu of Machilipatnam *m* Smt Kamala Devi, *Educ* Noble Coll, Machilipatnam, London Univ Collaborator of the League of Nations (1931) member Indian Delegation to the General Assembly of the U N (1946) and the Human Rights Commission (1947), of the Deptt of Politics and Economics Andhra Univ, investigated the conditions of life and work of Indian resident communities in Ceylon, Malaya, Siam, Indo China and Burma, Pres, All India Linguistic States Conference 1952 53 and 1953 54 member House of the People from the Visakhapatnam constituency (Independent) Estimates Cttee and Business Advisory Cttee, House of the People Foreign Affairs Group of the Prime Minister (1952 1953 two terms) *Publications India in World Politics* (1944) *India's Armies and Their Costs* (1946), *Nationalism and Self Sufficiency* (1944), *A Secular State for India* (1944) *Indians Overseas* (1938) *Mughal Land Revenue System* (1930) *Cow Protection in India* (1927), etc etc *Recreation* Chess *Address* Pavani Kutir Maharampeta P O Visakhapatnam Prabhudayal Building Connaught Circus New Delhi

SUNDARESAN, Nivarti, B A, B L, O B E, Deputy Governor Reserve Bank of India *b* June 13, 1895, *Educ* Christian Coll, Madras & Law Coll, Madras Deputed to the British Empire Exhibition, Wembley, thereafter in Currency Dept and Finance Dept till March 1937, services lent to the Govt of Burma in Audit Dept till March 1941 attached to the Supply Finance Dept as Dy Financial Adviser from April 1941 to June 1942 re posted to Finance Dept in August 1942, first as Dy Secy and later as Jt Secy, India's Director on the World Bank and Financial Counsellor to the Indian Embassy at Washington, 1946 49, was India's Alternate Governor of the International Bank of Reconstruction and Development *Club* Calcutta Club *Address* Reserve Bank, Bombay

SURYANARAYANA, A V, B Sc, B Sc Hons (Tech), F I C S, M I C (I), has been Chemical Engineer United Nations Expert, Salt Technology, Ceylon *b* July 25, 1914, at Chipurupalle Vizag Dt *Educ* Andhra Univ, Waltair took B Sc degree in Chemistry, 1934, B Sc Hons degree in Chemical Technology, 1936 Worked in Sugar Factories till 1940, joined Andhra Scientific Co Ltd, Masulipatnam to start a fine chemical Manufacturing Section 1940 took charge of National Chemicals Ltd, Masulipatnam as Works Manager 1945 designed and fabricated and worked all the Chemical Process Plants and Equipment at National Chemicals Ltd in association with the well known Chemical Engineer Mr I N Bewsher of England, redesigned and improved the Salt and Refined Salt works at Kanuparti Guntur Dt has about 16 years of practical experience in the Administrative Technical and Production Branches of Chemical and Allied Industries has established a Consulting Business of his own as a Chemical Engineer *Address* Gandhinagar Anakapalle, Vizag Dist Andhra State



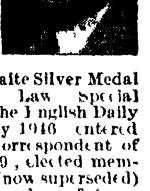
SWAMI Ranganathananda, Secretary, Ramakrishna Mission New Delhi *b* December 15, 1908 A Sanyasin of the Ramakrishna Order of Monks, joined the Ramakrishna Mission Mysore in 1926, took orders in 1933 served as Secretary and Librarian of the Ramakrishna Mission Society Free Library and Reading Room, Rangoon, July 1939 to Feb 1942, President Ramakrishna Math and Mission Branch at Karachi, Aug 1942 to Aug 1948 *Address* New Delhi 1

SWAMI Sambuddhananda, President, Sri Ramakrishna Ashram Bombay *b* 1898, Monk of the Order of the Ramakrishna Math and Mission *Educ* Calcutta Member Board of Trustees, Belurmath, Calcutta, Governing Body, Ramkrishna Mission, Belurmath, Calcutta Executive and Working Cttee, Indian Conference of Social Work, Board of Administration, Sheriff's Ramdas Relief Fund and Ex Com, Sir Byramjee Jeejeebhoy (Western India Society for the Protection of Children) Institute for the Orphans *Publications Vedic Prayers*, *The Message of the Himalayas*, *Nachiketa*, *Vedanta through Stories*, *Kurukshetra* (in the press), *Bhagavadgita*, *Hamarati Uma* *Address* Khar Bombay 21

SWAMINADHAN, Mrs Ammu, M P *b* April 22, 1894, of Anakkare Vatakkath family, Malabar *m* Dr Subbarama Swaminadhan (died 1930) two *s* and two *d* *Educ* privately elected member, Madras Corporation, 1936 40, Central Legislative Assembly, 1945, member, Constituent Assembly, 1946 50, Vice Pres, All India Women's Conference, member, Good will Mission to Ethiopia, 1948 Delegate to the ECOSOC Conference Geneva 1949 *Recreation* Gardening *Address* Gilchrist Gardens Chetput Madras

SWAMINATHAN, G, I A S Secretary, Ministry of States Govt of India, since April 1951 *b* December 25, 1907 *Educ* Presidency College Madras Indian Audit Dept (1930), joined the Finance and Commerce Cadre as Under Secretary, Government of India, Commerce Dept (1940), Deputy Secretary, Commerce Dept (1945) Deputy Secretary Finance Dept (1946), Secretary, Central Board of Revenue (1947 48), Secretary, Indian States Finances Enquiry Committee (1948 49), Joint Financial Adviser Food (1949) Officer on Special Duty and ex-Officio Joint Secretary to Government Ministry of States (1950) *Address* Road, New Delhi

SWARUP, Virendra, B A, L L B, Journalist and Advocate *b* July 25, 1921, *s* of Dr Brijendra Swarup, B A, L L D, M L C, Advocate and Mrs Hansmukhi Devi *m* Dhara Rani, *d* of the late Rai Bahadur Dr Ram Kishore, Advocate and ex Vice Chancellor Delhi Univ, June 30, 1948 at Delhi, *Educ* D A V College, Kanpur, awarded the Rameshwar Prasad Bagla Gold Medal for being first in order of merit at the L L B (Final) Examination Agra Univ, 1947, also awarded the Nitkishore Mehra Durrant Haythornth waite Silver Medal for proficiency in Criminal Law Special Representative at Kanpur of the English Daily of U P the *Pioneer* since July 1946 entered the legal profession 1949 Correspondent of the *Statesman* since Nov 1949, elected member Kanpur Municipal Board (now superseded) to represent upper India Chamber of Commerce, Sept 1951, elected Chairman Finance and Compulsory Education Cttees of the Board, several times Joint Secy D A V Coll Trust and Management Society, U P, Kanpur since 1948 member, Agra Univ Senate since 1949, elected member Commerce and Curriculum Cttees of the Board of High School and Intermediate Education U P since 1952 *Recreations* Poetry Cards Tennis *Address* Civil Lines, Kanpur



TAGORE, Rathindranath, B Sc (Illinois), Vice Chancellor Visvabharati *b* Nov 29, 1888 *s* of late Rabindranath Tagore, *m* Smt Pratima Devi, *Educ* Santiniketan and

Univ of Illinois General Secretary Visva Bharati Society *Publications Prantatra* (A book on biology in Bengali) *Atmyaktibad* (A book on the Theory of Evolution in Bengali) *Recreations* Artistic Leatherwork, Artistic Woodcraft and Painting *Address* Uttarayana P O Santiniketan Dist Birbhum (West Bengal)

TAKSHAK, Chaudhri Nihal Singh, B A ex-Finance Minister, PEPSU *b* May 1, 1911, *m* Shrim Durgawati *d* of Ch Hargovind of Alwar two *s* and two *d*, *Educ* Birla Coll Pilani (Rajasthan), Ramjas Coll, Delhi Inspector, Birla Education Trust Schools, M L A (Jind), 1937 39 and 1942 46, Education Minister, Jind State, 1947 48, member, Constituent Assembly, India, 1947-48, Leader of merger movement of Jind State, resigned ministership of Jind State and organised the merger movement, arrested and detained by the State Govt member, Delimitation Cttee, Secy, PEPSU State Congress, Pres, Jind State Congress, 1948 49, Education Minister, Patiala & East Punjab States Union, 1949 50 member Indian National Commission (U N E S C O), 1949 *Publications Pakistan & Sir Chhotu Ram*, *Democracy in Jind* *Recreations* Farming Adult Education *Clubs* Birla College Club Ranbir Club Sangrur *Address* Patiala

TANDON, Purushottamdas, M P Ex President, Indian National Congress Practising Lawyer in Allahabad till 1921, when gave up practice to take part in Non Co operation Movement, President U P Provincial Congress Committee 1923 was jailed for one year and a half worked for some time as Secretary and General Manager Punjab National Bank, Lahore, joined Servants of People Society founded by Lala Lajpat Rai in 1929 as President, Chairman, Allahabad Municipality, for several years took prominent part in Civil Disobedience Movements, 1930 and 1932, and was jailed several times, organised no rent campaign in U P, 1932, took active part in Rowlatt agitation and Satyagraha, 1919, elected speaker U P Leg Assembly, 1937 kept in detention for over 8 months in 1941 and again for over two years, 9th Aug 1942 to 22nd Aug 1944, takes active interest in Hindi Sahitya Sammelan, Speaker, Legislative Assembly U P, 1946 50, resigned Congress Presidentship, September 1951, member, Congress Working Committee *Address* Servants of People Society, 10, Crosthwaite Road Allahabad

TANDON, Raj Krishna, B A, LL B (Punjab), B A (Hons) (Cantab), Barrister at-Law, Acting Commissioner in British East Africa and also Commr to Southern Rhodesia, Northern Rhodesia and Nyasaland *b* Feb 10, 1910 *Educ* Forman Christian College and Law College, Lahore, Emmanuel College, Cambridge and Middle Temple, London Joined Punjab Civil Service, posted at Amritsar, Ambala and Delhi in 1942 appointed Under Secretary and later Deputy Secretary in Information & Broadcasting Department, Government of India, appointed Officer on Special Duty, Commerce Department, Government of India, Feb 1946, Indian Government Trade Commissioner in Ceylon, May 1946 to July 1948 Dy Chief Controller of Imports & Exports Bombay July 1948 Jan 1950, Dy Secy and Joint Chief Controller of Imports, Ministry of Commerce, Govt of India, Jan May 1950 Consul General of India in the French Establishment in India, Pondicherry 1950 54 *Publications* Articles in various papers *Address* Nairobi

TAPASE, Ganpatrao Devaji, B A, LL B (1938) Minister for Rehabilitation Fisheries and Backward Classes, Govt of Bombay *b* 1910 *m* Miss Rukhaminbai *Educ* Fergusson College, and Law College, Poona Was elected on Congress ticket to Satara City Municipality, 1938 was Chairman of Standing Committee and School Board, Satara Municipality, elected President, Satara City Congress Committee 1938-46, member Executive Committee, M P C C elected Secretary of Satara District Congress Committee, 1939 46, was Secretary of Akhil Maharastra Sarwajanik Shikshan Parishad, participated in individual civil disobedience movement in 1940 and was detained for a year, was arrested in 1942 and was released at the end of 1943, is a good orator and experienced organiser, in 1946, was elected on Congress ticket to the Bombay Legislative Assembly from Satara District again elected M L A Bombay 1952, is the first and youngest *Harijan Minister of Bombay State* *Address* 'Chalet', Pawai Road, Malabar Hill Bombay

TARAPOREVALA, Jehangir Ardeshir, B Sc (Bom & Edin), M I C E (London), M I Struct E, M I E (India) Director, Technical Education, Bombay *b* March 23, 1903 *s* of Ardeshir, *m* Shireen, three *d*, *Educ* Bombay, Edinburgh, London, Manchester Reinforced Concrete Specialist, Structural Engineer, Prof of Applied Mechanics, Principal, College of Engineering Poona *Publications* A number of technical papers *Address* 8, Rocky Hill Flats, Malabar Hill, Bombay

TARAPORVALA, Khan Bahadur Cooverji B, Financial Adviser to H E H the Nizam of Hyderabad, since 1949 *b* September 3, 1896 *m* Homa *d* of the late Jamshedji D Panday of Bombay, 2 *s* and 2 *d*, *el s* is a Staff Officer in Macneill & Barry Ltd, Calcutta, *Educ* St Xavier's College, Bombay, B A (Hons) 1917 B Sc (Distinction), 1918, Dakshina Fellow, Bombay Univ 1918 Sir James Fergusson Scholar 1919-20 Certified Associate of the Institute of Bankers, London, 1923 Lecturer, St Xavier's College, Bombay 1919 20, joined Imperial Bank, 1921, worked as agent at Sandhurst Road, Byculla Yeotmal, Godhra and Ujjain branches of the Bank joined H E H the Nizam's Govt Service as Assistant Secretary, Finance Department, 1930 Govt Auditor, Nizam's State Railway 1938, Deputy Financial Secretary, 1940, Additional Financial Secy, 1945 Financial Secretary, 1946 Dy Managing Director Hyderabad State Bank, 1947 *Address* Meher Manzil, Somajiguda, Hyderabad Deccan



TATA, Jehangir R D, Chairman, Tata Sons Ltd and Tata Industries Ltd *b* 1904 Joined Tata Sons Ltd, 1922, as an assistant and appointed Director, 1926 started The Tata Sons Aviation Dept, 1932 first Pilot to qualify in India, holding a flying licence since 1929, inaugurated as pilot the Karachi Bombay Air Mail Service in 1932 and the Bombay Delhi service in 1937, Chairman and/or Director of all Tata and Associated Companies also Chairman Air India International Corporation Director of The Bombay Dyeing and Manufacturing Co Ltd Hindustan Aircraft Ltd Reserve Bank of India member Indian Delegation to the Third Session of the United Nations General Assembly at Paris Sept 1948 *Address* Bombay House, Bruce Street Fort Bombay

TEERTH, Swami Ramanand (formerly Vyankatesh Bhagwant Khedgikar) M P *b* 1903, *nephew* of Shri Khedgikar, labour leader *Educ* M A of the Tilak Mahavidyapeeth Organised labour at Sholapur, 1926 27 vow of Sanyasin in June 1931 at the hands of Narayan Swami, the first disciple of world renowned Swami Rama Teerth, founded Yogeshwari High School Mominabad founded the People's Coll of Arts, Science & Commerce at Nanded, founder promoter and ex Pres of the Hyderabad State Congress, in jail on several occasions elected to the House of the People 1952 *Address* C/o Yogeshwari Nutan Vidyalaya Mominabad Hyderabad

TEHRI GARHWAL Lt -Col His Highness Maharaja Manabendra Shah, *the Maharaja* of *b* May 26 1921, *Educ* Mayo College, Ajmer and Government College, Lahore Succeeded to the *gadi* on the retirement of his father Lt Col Maharaja Sir Narendra Shah, K C S I, L L D, May 27, 1946 *Address* Narendranagar (Tehri Garhwal State)

TENDOLKAR, Mr Justice Shamrao Raghunath, B A (Hon) (Bom), L L B (Hon) (Belfast) of Gray's Inn, Barrister at Law (Trinity, 1923), Judge, High Court, Bombay, since July 2, 1946 *b* Oct 21, 1899, *Educ* Rajaram Coll, Kolhapur Elphinstone Coll, Bombay, Univ Coll, London Queen's Univ Belfast Advocate (O S) High Court, Bombay, Part time Professor, Govt Law Coll, 1938 41, Member, Bar Council, 1944 46, Pres, Bombay Cricket Assoc, Steward, R W I T Club, Bombay *Publication* *The Bombay Rent Acts* *Address* West Hill Nepean Sea Road, Bombay 6

THADDAEUS, Gustavus Theodore Joseph, B A (Madras), Rao Bahadur (Jan 1942), Hon Lieut, I N V R ex Joint National Org Commr for India, Bharat Scouts & Guides since Nov 1950 *b* Jan 3, 1898, *s* of Gabriel E Thaddaeus and Elizabeth Thaddaeus (*d*) *m* Elice Chandran, four *d* *Educ* Malabar Christian Coll, Calicut, Madras Christian Coll Madras Prov Org Secy, Boy Scouts Assoc Madras, 1925 31, Org Secy, All India, 1931-37, Gen Secy, Boy Scouts Association in India, 1937 50 *Publications* The All India Boy Scout Diary and the G H Q Bulletins *Recreations* Long walks and Cycling *Club* Rotary *Address* 17 A, Curzon Road, New Delhi

THAKKER, Nagindas Hiralal, Partner, Hiralal & Company Importer Exporters, and Manufacturers Representatives etc *b* 1926, *s* of Hiralal Choonilal Thakker *m* Smt Shanta bai, *d* of Mr and Mrs Bhawanji Hirji Canatra, *Educ* Gujarati, Hindi, English and Marathi Widely travelled in India, has business relations all over the world *Address* Vasco da Gama (Goa)



THAKURDAS, Sir Purshotamdas, K B E (June 1944) kt (1923), C I E (1919) M B E, Cotton Merchant *b* 30th May 1879, *l due* Elph Coll, Bombay, Member Indian Retrenchment Committee, Director Reserve Bank of India, member, Royal Commission on Indian Currency and Finance (1926), delegate to Round Table Conference (1930 33), President, East India Cotton Association, Chairman, Oriental Life Assurance Co, Ltd, Director, Associated Cement Companies Ltd *Address* Suneeta," Ridge Road Malabar Hill, Bombay

THAPAR, Lieut -General Daya Ram, M D (Edin), D T M & H (London), C I E (1946) O B L (1942) Hon Surgeon to the President (1951), Lieut General, Ex D G A F M S, Ministry of Defence *b* April 6, 1894, *s* of late Dewan Bahadur K B Thapar O B E, *m* Kaushalya (nee Khosla) one *s* and two *d*, *Educ* Govt College, Lahore and Edinburgh Univ Served in World War I in France as Surgical Specialist, held Staff and specialist appointments in India commanded a hospital in Burma Rebellion 1931 32, Commandant, I A M C Centre, Pindi, 1939 42, Commandant, Headquarters, I A M C, Poona, 1942 45 member, Bucher Cttee, 1945, and Roy Cttee on Integration of Med Services, Deputy D M S at General Headquarters, 1946 47, D D M S Southern Command, 1947, Indian Delegate to the International Cttee of Military Medicine at Mexico and Havana 1949 and awarded Golden Cross of Honour by Assoc of Mil Surgeons,

U S A Director General, A F M S 1950 *Recreation* Cinematography *Clubs* Imp Delhi Gymkhana Poona Club, etc, etc *Address* C/o Ministry of Defence, New Delhi

THAPAR, Major-General P N, Commander of a Communication Zone, since Oct 1953 *b* May 8, 1906 Commissioned from Sandhurst 1927, spent nearly ten years with the 1st Punjab Regt, attended staff courses at Quetta and Minley Manor, England saw service in Burma 1941, was in the Middle East and Italy, 1943, was Asstt Military Secy, G H Q India was selected to serve on the Army Reorganisation Cttee, was for some time a first grade staff officer with the British Headquarters in Aden, commanded the 1st Bn 1st Punjab Regt in Indonesia, 1946, later commanded 161 Indian Infantry Brigade in East Bengal Director of Military Operations and Intelligence, A H Q, India, August Dec 1947, officiated as Chief of General Staff for a few months, Military Secy, Feb 1948 Aug 1949 Master General of the Ordnance, Army H Q, Aug 1949 to April 1950 *Address* C/o Army Headquarters (India), New Delhi

THIAGARAJAN, Karumuttu, Founder Manager Madura Insurance Co, Ltd and Bank of Madura Ltd *b* 1893, *Educ* St Thomas Coll, Colombo Joined the *Morning Leader* as an apprentice, reported on labour conditions in the plantations in Ceylon, founded a Labour Union, was its Secy for 7 years, was responsible for improving the terms and conditions of employment of Estate Labour joined the Congress, 1914, became Secy, Prov Congress, 1916, was member, A I C C 1917 started The Sree Meenakshi Mills, Ltd, 1921 led the agitation against the introduction of Hindi in Tamil Nad, 1937 Founder Trust for the amelioration of the poor and needy in Tamil Nad Visalakshi Kalasala High School in Athikadu Thekkur Thagarajar Coll a first grade Coll at Madurai, *Tamil Nadu*, a Tamil Daily in Madurai owner and manager, *Democracy* an English Weekly *Address* C/o *The Tamil Nadu*, Madurai



THIMAYYA, Lieut-General Kodendera Subayya, Distinguished Service Order (1944) Mentioned in Despatches (1944) and Mentioned in Despatches, Kashmir, 1948 G O C in C Western Command *b* March 31, 1906, *m* Miss Nina Carlapa, Jan 1935, one *d* *Educ* Bishop Cotton Boys School, Bangalore, Prince of Wales Royal Indian Mily Coll, Dehra Dun, Royal Mily College, Sandhurst, England Commissioned into Indian Army, 1926, posted permanently to the 4/19 Hyderabad Regt with which served in Iraq, Allahabad, Fort Sandeman, Quetta, 1936-39, Adjutant, 5th Bn (Madras) U T C, 1939-41, served with 4/19 Hyderabad Regt in Malaya, 1942 43, proceeded to Burma with 25 Indian Division, promoted Lt Col and commanded 8/19 Hyderabad Regt in operations, 1945, promoted Brigadier in command of a Brigade with 26 Div, represented Indian Army in surrender ceremony at Singapore commanded 268 Indian Infantry Brigade in Japan as part of occupation forces in Japan, 1946, member, Indian Armed Forces Nationalisation Cttee, Military Adviser to Commander, Punjab Boundary Force, Commander, 4 Indian Division, 1947, Commander, East Punjab Area during boundary troubles, Commander, Indian troops in Kashmir, 1948-50, Commandant, National Defence Academy, Dehra Dun, 1950 51, appointed Military Adviser to U N Indian Delegation in Paris, 1951 52 in connection with Kashmir, Q M G A H Q 1951 53 was Chairman, N N R C Korea *Recreations* Hockey, Tennis, Golf, Squash *Club* Imperial Delhi Gymkhana Club, New Delhi *Address* Sunnyside, Mercara, Coorg

THIVY, J A, B A (Madras University) Barrister-at-Law Inner Temple Envoy Extraordinary and Minister Plenipotentiary for the Govt of India in Syria *b* September 24, 1904 *m* B La Porte, *Educ* St George's School, Malaya Christian College, Madras Inner Temple, London Practised Law in Malaya President of various Associations during the war in East Asia Minister of State and Secretary to Government (Provisional Govt of India under Netaji Subhas Bose) and at Indian Independence League South East Asia 1942-45 after War jailed, on release inaugurated the Malayan Indian Congress 1946 was its first President, organised delegation from Malaya to the Asian Relations Conference in New Delhi 1947 Council member of Asian Relations Organisation, organised and was Chairman Unofficial Board of Inquiry and prepared its report on the Police Shootings in Kedah State, Malaya, 1947 participated in producing the 'People's Constitution for Malaya' 1947 Representative of the Govt of India in Malaya, 1947 50, Commissioner for the Govt of India in Mauritius 1950 53, Consul General for India in Madagascar 1953, was mainly responsible for the Overseas Indians Conference in London June 1953 *Address* Legation of India, Damascus



THOMAS, A M, B A, B L, M P, Advocate, Supreme Court of India *b* 1912, *s* of Alungal Mathai *m* Smt Thankom two *s* and four *d*, *Educ* St Thomas Coll, Trichur, Maharaja's Coll, Ernakulam, Law Coll Trivandrum Started practice at Ernakulam, 1936 elected to Cochin Assembly, 1948 became member Travancore Cochin Assembly, elected Speaker of that Assembly, 1951 1952, returned to the House of the People, 1952 *Address* Advocate, Ernakulam



THOMAS, A V, M P Business man *b* Aug 8 1891 has one *s* and three *d*, *Educ* Tinnevelly Dist & Trichinopoly Managing Director A V Thomas & Co Ltd, and Allied Concerns, is controlling Planting (Tea Coffee and Rubber) Engineering Textile and other companies with a total capital of about four crores, Chairman Rubber Board, returned to Parliament, in the General Elections, 1952 *Recreations* Tennis Riding Hunting, *etc* *Clubs* Cosmopolitan and Presidency Madras, Gymkhana, Ooty, Royal Empire Society, London *Address* 2/21, First Line Beach Madras



THOMSON, Robert Gibson Stevenson, War Medals (1914/18), Managing Director, I A Taylor & Co (Madras) Ltd also Manager, the Parker Pen Co (India) Ltd, Madras *b* Sept 4, 1893 *s* of late John Thomson, J P, Banker, *m* Beatrice Mary Attwater, *Educ* Rothesay Academy & Liverpool Institute Pres, The Caledonian Society, Madras, 1943 44, Municipal Councillor Madras Corporation, 1942 45, Pilot Officer, 1st World War, R F C, R A F *Clubs* Madras Club, Adyar Club, Madras Gymkhana Club Madras Cricket Club *Address* The Parsonage, San Thome Madras



TILAK, Dr Smt Shalinibai Vishnu, M B B S (Bom), F R C S (Edin) Consulting Surgeon, Hony Obstetrician and Gynaecologist Sassoon Hospitals, Cantonment General Hospital and Professor B J Medical Coll, Poona *b* at Sholapur *m* Vishnu Trimbak Tilak B A LL B, Advocate, Poona, July 1 1938 four *d* *Educ* New English School and Fergusson Coll Poona Seth G S Medical Coll Bombay, Royal Infirmary, Edinburgh took F R C S, 1938 Practised at Matunga, Bombay, 1938 41, was Hon Obstetrician and Gynaecologist Welfare Maternity Hospital Reader and Professor Medical Coll Agra 1941 45 *Address* Tilak Surgical and Nursing Home 794, Sadashiv Peth Near Vishrambaug Wada, Poona 2



TIRODKAR, Dr Raghunath Sabajirao, M D (Lond) (1926) M B E, (1942) Consulting Physician *b* Nov 8, 1892, *m* Mrs M Tirodkar, *Educ* The Grant Medical College, Bombay, Deccan College, Poona, Univ College Hospital, Medical School, London C M O Univ College Hospital, London Medical Officer, Westham Infirmary London, Director, Medical Unit, G T Hospital Bombay, Senior Physician Sir J J Hospital, Bombay, Professor of Medicine, Grant Medical College, Bombay *Address* 94, Nepean Sea Road, Bombay, Marina Clinic, opp Church gate Station, Bombay 1



TOYBERG-FRANDZEN, H E Harry, M Sc, M Inst C E Minister of Denmark in India, since Feb 16 1950 *b* March 5 1906 *m* Evie T F, three *s* and one *d*, *Educ* Univ of Copenhagen Appointed to India, 16th Feb 1950 *Address* Royal Danish Legation, New Delhi

TRAVANCORE-COCHIN STATE, Major-General His Highness Sri Padmanabha Dasa Bala Rama Varma, The Rajpramukh of *b* Nov 7, 1912 *Address* Kaudiar Palace, Kaudiar P O, Trivandrum, S India

TRIPATHI, Dr R P, M A, D Sc (Econ) (London Univ), Vice Chancellor, University of Sagar, Sagar, since April 10, 1950 *b* Aug 7, 1890, *m* Clara Eleazar, one *s* and three *d*, *Educ* C H C, Banaras (1908 12), Lahore (1913 14), London (1924 26) Appointed Professor of History, Lucknow Christian College (1914), Reader in the Department of History (1916), Univ Lecturer (1921), Univ Reader (1927), Professor (1941), presided over Hyderabad Educational Conference (1928), Hindi Sahitya Sammelan U P (1944) Braj Sahitya Mandal (1945), Chairman, Hindi Reward Committee, Govt of U P, member, Film Enquiry, Govt of India, elected Pres, Indian History Congress (1949), Prof and Head, History Dept, Allahabad Univ, till April 1950 *Publications* *Life of George Washington* (Hindi), *Some Aspects of Muslim Administration* (English), *History of Indian Constitution* (Hindi), *Historical Evolution of India* (Hindi), *Rise and Fall of the Mughal Power in India* (English), *Outlines of World History and Civilizations* *Recreations* Persian, Sanskrit and Hindi poetry General interest in sports *Address* University of Sagar, 26, The Mall, Sagar, M P

TRIPATHY, Sadasiba, Minister for Revenue, Supply and Excise, Orissa *b* May 1910, *m*, three *s*, *Educ* Jeypore (Koraput District) Imprisoned one year

during individual satyagraha movement, detained for three years during the Quit India movement, 1942 45 returned thrice to the legislature, 1936 1946 and 1952 was Minister for Revenue Sup[illegible] the last Cabinet from 19[illegible] inton ment Road Cutt[illegible]

TRIVEDA, Devasahaya, M A (Nagpur) Ph D (Patna), " Itihasa Siromani (1936) Has been Desk Editor *Hindustan Times* Delhi and *Searchlight*, Patna *b* Nov 30, 1911, in Shahabad Dist, Bihar *m* Vidya Devi a poet of Bijnor, *Educ* Queen s Coll, Banaras Allahabad Univ Sanskrit Coll, Banaras Patna Coll, Patna, Dr Rajendralal Mitra Gold Medalist, first doctor of Patna Univ in a non Oriental subject Education Officer Jubbal St[illegible] for of a new school of History *Pu[illegible] ire Mauryan Hist ory of Bihar I[illegible] arma, Sher Shah and His Successors Bharatiya Shama V[illegible] History of Monghyr Original Home of Ar Home of Vedas Sheet Anchor of Hi Date of Bharata Battle Lord Buddha Ka Asoka s Eternal Religion Kir Varagi I[illegible] etc and many other papers in Indol[illegible]

TRIVEDI, Atisukhashankar Kamalashankar, M A (Philosophy) Class II, LL B, Principal, S B Garda College, Navsari since 1945 *b* April 15, 1885, *s* of Kamalashankar Pran shankar Trivedi, Principal, P R Training College, Ahmedabad, *m* Shrimati Nannugauri Dave, three *s* and two *d*, *Educ* Poona, Nadiad Broach Ahmeda bad Govt High Schools, Guj College, Ahmedabad, Elph Coll, Bombay Professor of Philosophy Baroda College for 30 years Fellow Syndic A C member, P G Board member member Sanskrit Gujarati, Philosophy Boards for years Bombay University now of Gujarat University Chairman Sanskrit and Philoso phy Boards for some time, Bombay University, now of Phil Board, Guj Univ, was Fellow Sayajirao Univ Fellow and Syndic Gujarat Univ Swagatadhyaksha Navsari Guj Parishad Sammelan 1952 *Publications* In English *A Manual of Ethics Psychology Studies in Deductive Logic Studies in Inductive Logic Logic in an Easy Chair* edited the Baroda Coll Golden Jubilee Commemoration Volume In Gujarati *Navrita Vinoda Sahitya Vinoda Pravasa Vinoda [illegible] Vyakarna Ane Sahit[illegible]* r with his father of the [illegible] (Gujarati) *Recreation* Travel *Address* Havadia Chakla Surat



TRIVEDI Sir Chandulal Madhavlal, K C S I (Dec 1946), Kt (1945) I C S, B A (Bom) O B L (1931) C I L (1935), C S I (1941), I L D (Honoris Causa, Punjab Univ) Governor of Andhra State since Oct 1 1953 *b* 2nd July 1893 *m* Kusum Trivedi (Kaiser i Hind Gold Medal 1947) *Educ* El phinstone College Bombay and St John s College Oxford Entered I C S 1917 and served as Asstt Commissioner, Madhya Pra desh till Nov 1921 after serving in various capacities was posted as Deputy Secretary to the Government of India Home Department, 1932 35 (Offg Joint Secretary, April 1934 to Septem ber 1934) Secretary to the Govt of India, Secretariat Organisation Cttee, 1935 36, Commssr, Berar, 1936, Commssr, Chattisgarh Division, 1936 37, Chief Secretary to Govt, Madhya Pradesh, 1937 to March 1942, Secy to Govt of India, War Dept, July 1942 to Jan 1946, Governor of Orissa, May 1946 to August 1947 Governor of Punjab Aug 1947 Sept 1953 Addl[illegible] Prof Bhawan Kurnool



TRIVEDI, Kashinath, B A, Editor, *Hindi Shikshan Patrika*, a monthly journal dedicated to child education on Montessori lines since 1934 *b* Feb 16, 1906, *m* Shrimati Kalavati Trivedi, *d* of Pt Anandrao Vyas, five *s* and two *d*, *Educ* Indore Christian College, Indore Assistant Editor *Tyag bhoomi*, Ajmer, *Hindi Navajeevan*, Mahatma Gandhi s Hindi Weekly also *Harijan Sevak*, Principal & Sanchalak Mahila Ashram, 1939 40, detained as security prisoner in Nagpur Central Jail, Dec 1942 Jan 1945, Secy, Kasturba N M Trust, C I, 1945 46, Pres, Barwani Rajya Lok Parishad, 1947 48, Education Minister, Madhya Bharat Govt, visited Italy and Switzerland as 13th International Montessori nce San Remo, Italy, 1949, Pres, Bharat P C C, 1949 50 Acharya [illegible]vik Vidyalaya Agar, 1952 *Publi Mera Ghar* (Original), Translations— *ki Sankshipta Atmakatha Balpothi Ba Gandhiji Sayani Kamyave Ishu Khrist, Bargad Marukuni Prempanth Seeta Hindu Dharma ki Akhyayeckayen I, II Nirbhayata Shiksha Men Ahimsak Kranti Diwasupna* etc *Address* 27 Bayabum, Indore City M B

TRIVEDI, Ramanlal Shankerlal, B Sc (Bombay), Ex Chief Executive Officer, Calcutta Corporation *b* Nov 20, 1905, *m* Kanchangauri Trivedi, one *s* and four *d* *Educ* Telang High School Godhra, Panch mahals, Wilson Coll, Bombay Entered I C S in Bengal, Nov 1930 Asstt Magistrate Midnapore, Addl Dist Magistrate, 1937, Addl Dist and Sessions Judge, 1940, Dist and Judge, Assam Valley, Chittagong, abad Surma Valley, Bankura, 1942 Joint Secy, Home Dept West Bengal, 1948 Judicial Commr, Kutch, 1948 50 *Address* 18 Rawdon Street Calcutta

TYABJI, H E Badruddin Faiz Hasan Badr-uddin, B A (Honours) Indian Ambassador in *Indonesia b* Nov 12, 1907 *m* Suravya Aamir Ali 1939 *Educ* St Xavier s School and College, Bombay, Balliol College, Oxford Passed the I C S in London, 1931, served in the Punjab as Asstt Com missioner, Under Secy, Finance, Home and Political, 1932 38, Under Secy, Govt of India, Defence Department, 1938 39 Dy Commissioner in the Punjab, 1940 42, Con troller of Supplies, Govt of India, Karachi and Bombay, 1942 44 Dy Secy, Govt of India Planning and Development, 1944 46 Dy Secy and Joint Secy, Constituent Assembly, Secretariat and Ministry of External Affairs and Commonwealth Relations, 1946 48 Charge d Affaires Indian Embassy Brussels Belgium 1948 50 Jt Secy, Ministry of External Affairs, 1950 52 Secy Common wealth Affairs 1952 53 *Recreations* Riding, Hunting, Fishing, Literature Music and Arts *Clubs* Delhi Gymkhana Club, Willingdon Sports Club Bombay *Address* C/o Ministry of External Affairs New Delhi

TYABJI, Husain Badruddin, M A (Hons), LL M (Hons) (Cantab) Bar at Law, J P & Hon Presidency Magistrate Retd Second Judge, Presidency Court of Small Causes Bombay, acted as Chief Judge *b* 11th October, 1873, *m* Miss Nazar Mohammad Hatehally, *Educ* Anjuman e Islam, Bombay St Xavier s School and Col lege, Downing College, Cambridge President, Downing College Debating Society, Cambridge, Indian Majlis, Cambridge, Anjuman e Islam, London *Publications Why Mussalmans should oppose Pakistan, Badruddin Tyabji, a biography Address* Rose Ville 45 Marzbanabad, Andheri Bombay

TYABJI, Mrs Khadija Shuffi, J P, Hony Presidency Magistrate, ex M L A, Bombay State *b* 1885, *m* has two children An elected member of the Muni cipal Corporation and the first elected Muslim lady member of the Schools Com mittee, a member of the Schools Committee for se veral years its Chairman, 1934, first Commissioner, Municipal Girl Guides was State Commissioner (Guides), The Bharat Scouts and Guides, presided at the Bombay Presidency Muslim Ladies Educational Conference, Poona, 1926, Chairman, Reception Cttee of the Bombay Constituent Conference of All India Educational and Social Reforms, 1930, was Vice Chairman, National Council of Women in India, was Chairman, Local Committee of the All India Conference on Educational and Social Reforms, Chairman, Red Cross Executive, 1928, Vice President, Social Service League, Chairman, Mahila Seva Mandal was Chairman now member, Port Haj Committee founded a Muslim Purdah Nursing Division, first of its kind in the world appointed Associate Serving Sister, Overseas Brigade, St John Ambulance, 1937 Chair man Aibless and Cama Hospital Advisory Board and is also connected with the following institutions for many years— Govt Urdu Text Book Committee, Infant Welfare Society The Bombay Mothers and Children Welfare Socie[illegible]ty for the Protection of Children [illegible]n India, The National Baby We[illegible]utive Com mittee Governors Hospital Fund, Advisory Committee, J J and Allied Hospitals, Seva Sadan Council, Bombay Presidency Women s Council as Chairman, Flag Day Committee, collected Rs 22 000 in one day for the Anti-Tuberculosis Fund President, All India Educational Conference, Women's Section, Poona 1940, member, War Gifts Fund, Ladies Committee, awarded Kaiser I Hind Silver Medal, 1935 Gold Medal, 1941 ap pointed member of Health Survey and Deve-lopment Committee, Government of India, Nov 1943, now Pres, Seva Sadan Society *Address* Khatau Mansion, Oomer Park, Warden Road, Bombay



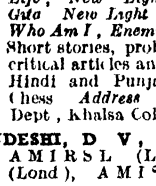
TYAGI, Mahavir, Minister for Defence Organi sation, Govt of India *b* 1900, Dharbarsi Village, Moradabad Dist (U P), *m* Smt Sharmada Devi, 1925, *Educ* Privately Has been a staunch congressman, courted jail eleven times for Congress activities member A I C C, Constituent Assembly of India 1946 49 Provisional Parliament, 1950, ex member U P Leg Assembly, ex-Minister for Revenue and Expenditure, U P, organised Tyagi Police, U P, Aug 1947 returned to the House of the People from Dehra Dun District cum Bijnor Dist (North West) cum-Saharanpur Dist (West) Constituency U P in the general elections *Address* Minister for Defence Organisation, New Delhi

TYAGI, Vedpal, B Sc LL B, M L A Ex Mi nister for Law and Justice and Relief and Rehabilitation, United State of Rajasthan *b* Dec 28, 1915 at Kotah, *s* of Maharaj Singh Tyagi, Retd Asst Revenue Commissioner, Kotah, and Revenue Officer, Shahpura State, *m* Smt Shila Devi Tyagi *Educ* Graduated from Hindu College, Delhi, LL B from Allahabad Univ Started career as an Advo cate in Kotah, joined Kotah State Praja Mandal (now Congress Cttee), was on the Editorial Board of the weekly *Jai Hind* published from Kotah, Pres Dist Congress Cttee, former Rajasthan *Address* 9, New Colony, Jaipur

UBEROI, Mohan Singh, M A, Ph D D Litt, Reader, Punjab University, since 1928 *b* March 17, 1899, *s* of S Sher Singh and Mula Devi *m* Devindar Kaur, 1933, one *s*, Jitendra Pal Singh and one *d*, Narindar Kaur, *Educ* Lahore, Calcutta, London and

Paris Editor, Message of Hinduism Lahore, 1918 19 Ex President, All India Oriental Conference, Urdu Section, Member, Council of Sapru Academy, Member, Council of Indian Philosophical Congress, President elect, Indian Oriental Conference, Religion and Philosophy Section, 1953 London and Paris, 1935 36 *Publications* (English) 4 *History of Urdu Literature*, *A History of Punjab Literature* *Kabir and the Bhakti Movement* *Gorakh nath and Medieval Hindu Mysticism* *Mysticism of Time in Rig Veda* *Secrets of Spiritual Life*, *New Light on Sri Krishna and Gita* *New Light on Buddha's First Sermon* *Who Am I*, *Enemies of Peace* *I am a Refugee* Short stories, problem plays, poetry essays critical articles and research notes in Urdu, Hindi and Punjabi *Recreations* Bridge Chess *Address* Head of University, Punjabi Dept, Khalsa College P O Amritsar

UDESHI, D V, B E, A M I C E (U S A), A M I R S L (Lond), A M I E F P W I (Lond), A M I S E, Consulting Engineer, Architect and R C C Specialist, Manager and Engineer Indian Hume Pipe Co Ltd Bombay *b* 1916, *m* Smt Vimla Udeshi one *d* Kiran Kumari Has travelled throughout the world for practical experience in engineering has worked on Bikaner State and Jamnagar State Railways (now Northern and Western Rlys), as an Engineer for construction works, was Chief Officer, Ghatkopar Municipality, was responsible for bringing about many improvements in roads and sanitary works *Address* Khatau Bungalow, Cama Lane, Ghatkopar, Bombay



UDESHI, Smt Vimladevi D, Social Worker *b* 1920, in Gondal (Saurashtra), *d* of Rao Sahib T P Sampat, Ex Minister of Justice, former Gondal State *m* D V Udeshi, Chartered Civil Engineer Has widely travelled with her husband actively connected with a number of women's organisations including All India Women's Assoc, Hindu Mahilla Samaj Nari Seva Sadan and National Women's Council Director of many Industrial Concerns and Insurance Companies believes in widow remarriages and is a strong supporter of the Hindu Code Bill, is keenly interested in birth control *Hobbies* Solving Crossword puzzles *Address* Khatau Bungalow, Cama Lane, Ghatkopar, Bombay

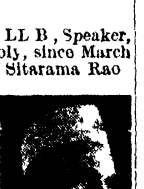
UPADHYAYA, Govind Krishna Deo, M & E E (Roorkee), A H W C (Edin), A M I E E, Senior Lecturer in Engineering, Indian School of Mines and Applied Geology, Dhanbad *b* Sept 1, 1899 at Bareilly *s* of late Pandit Har Govind Upadhyaya, *m* Shrimati Prem Devi Tripathi *d* of late Pandit Ganga Ballabh Tripathi, Tahsildar of Agra, four *s* and two *d*, *Educ* Bareilly College, Thomason Civil Engineering College, Roorkee Herriot Watt College, Edinburgh After completing an engineering practical training, served as Head Draughtsman, Workshop Supervisor and Electrical Engineer with the Punjab Hydro Electric Geodetic Survey of India and a Lucknow Engineering firm respectively joined the Indian School of Mines as Lecturer in Mining Machinery, officiated as Professor of Mech and Elect Engg, 1944 48 *Recreations* Cricket and Gardening *Address* Upadhyaya Buildings, Subasnagar, Bareilly U P, Dhanbad

UPPAL, Dr Badri Nath, Ph D (Iowa), Fellow, Indian Academy of Sciences, Fellow National Institute of Sciences of India, M B E (1945), Agricultural Commr, Govt of India, since Aug 1952 *b* August 6, 1899 *m*, one *s* and one *d*, *Educ* Punjab Univ Iowa State Coll of Agriculture (U S A) Rothamsted Experimental Station (England) Rockefeller Inst for Medical Research (Princeton), Wisconsin Univ Research Fellow, Iowa Agric Exp Station, Plant Pathologist to Govt, Bombay State, Principal, Coll of Agri, Poona, Director of Agriculture (Research and Education) Director of Agriculture, Bombay till Aug 1952 *Publications* Scientific papers in various science journals dealing with plant viruses plant diseases and soil fertility problems *Address* Indian Council of Agricultural Research, New Delhi

USMAN, Sir Mahomed, K C S I (1945) K C I E (1933), kt (1928), Kaiser I Hind Second Class (1923), Khan Bahadur (1921) Khan Sahib (1920) *b* 1884, *m*, *d* of Shifa ul Mulk Zynulabedin Sahib Bahadur *Educ* Madras Christian College, B A Councillor, Corporation of Madras, 1913 25 Hon Pres Magte, 1916 20, member of the Senate of the Madras University since 1921, elected member, Madras Leg Council 1921 23 Sheriff of Madras (1924) President of the Corporation of Madras 1924 25, Hon member of the Executive Council of the Governor of Madras, 1925 34 Ag Governor of Madras, 1934, Vice Chancellor University of Madras, 1940 42 member (Posts & Air), Governor-General's Executive Council 1942 June 1946 *Address* Teynampet Gardens Teynampet, Madras

VAGH, Balwant Vithal, B E (Civil), M I E (Ind), Retd Manager, Bitumen Department, Messrs Burmah Shell, Bombay *b* Sept 26 1893, *m* Miss Sulabha Deshpande, Kolhapur, Dec 26, 1917, *Educ* College of Engineering, Poona Bombay Municipality 1916 30, Burmah Shell 1930 51, member, Inst of Engineers (India), Chairman, Bombay Centre, Inst of Engrs (India), 1942 43 member of Council, Inst of Engrs (India), 1934 38 and 1943 47 Convener, Bullock Cart Sub Cttee I R C, 1944 51 member of Council, Indian Roads Congress 1943 51, delegate, International Road Congress, Holland, 1938 member, Managing Cttee G S B Housing Society, 1928 34, member Board of Trustees for Temples, etc G S B Community 1927 42, Chairman, 1942 to date, Chairman, Saraswati Co op Bank 1933 and 1934 Vice President and Trustee the Khar Model Education Society, 1941 51, Vice President, Inst of Engg (Ind) 1942 43 Hon Asst Technical Recruiting Officer Bombay, 1943 45, member, Advisory Cttee, College of Engineering Poona, 1947 48, Vice President, I R C, 1948 49, President, Consumers Stores, Khar, member, Council, I R I D A, evolved VAGH WHEEL for bullock carts, awarded Indian Roads Congress medal 1952 *Address* Prabhat, Khar Bombay 21

VAIDYA, Kashinathrao, M A, LL B, Speaker, Hyderabad Legislative Assembly, since March 1952 *b* March 9 1890, *s* of Sitarama Rao *m* Smt Shantabai Vaidya, two *s* and one *d* *Educ* Aurangabad, Poona and Bombay Is an active social worker Pres Educational Conference, 1937, Founder Maharashtra Conference its Pres 1940, offered satyagraha 1938, member State Congress Working Cttee from its inception Standing Council, All India States Peoples Conference 1939 46, Working Cttee Branch of the Indian Council of Social Work Mudgal Inquiry Cttee Indian Parliament, nominated M P, 1950, took active part in the struggle against Razakars, elected M L A, Hyderabad 1952 *Publications* Life of late Justice Kesheorao in Marathi contributed articles to News papers *Address* Dilkusha, Somajiguda Hyderabad Deccan



VAIDYA, Murarji Jadavji, B Com, F R E S (Lond), J P Industrialist *b* Oct 2, 1908, *s* of Dr Jadavji Hansraj Vaidya and Gokabai *m* Smt Bhanumati Kara, one *s* and two *d* *Educ* Tutorial High School and Sydenham Coll of Commerce & Economics, Bombay Toured England and Continent to study the Silk Industry in those countries 1931, established the Bombay Silk Mills which was the first Mill to produce fine silk fabrics in India, 1932 one of the promoters of the Kutch Spg & Wvg Mills Co Ltd, first industrial concern in Kutch State, promoted National Electrical Industries Ltd, is a rotarian *Publications* Monographs *High Rate of Exchange Office Organisation in Bombay*, *Industrialism in India*, etc *Clubs* Willingdon Cricket Club W I A A Club *Address* Jadavji Mansions, 3, Cuffe Parade, Colaba Bombay 5

VAIDYA, Parashuram Laxman, B A (Hons) (Bom), M A (Cal) D Litt (Paris), former Prof of Sanskrit, Banaras Hindu Univ and also at Nowrosjee Wadia Coll Poona, Rajaram, Willingdon & Fergusson Colleges *b* 1891 *Educ* Privately in Sanskrit Pathashalas and at New English School and Fergusson Coll Poona and Bombay Calcutta and Paris Universities, Univ Scholar, prizeman and medallist, Govt of India Language Scholar (1921 23) Wilson Lecturer, Bombay (1926), Paranjpe Lecturer Nagpur Univ (1943), Springer Research Scholar (1926 28), etc, attended International Congress of Orientalists at Leyden and of Linguists at Geneva (1931), Pres, of Pali and Prakrit Section at Mysore of All India Oriental Conference, member, Executive Council, All India Oriental Conference Editor of several Sanskrit, Pali Prakrit and Apabhramsa Works member, Mahabharata Editorial Board of the Bandarkar Institute and Editor of 'Karnaparvan', examiner at several Indian universities *Address* 204 2 Sadashiv Peth, Poona 2

VAIDYANATHAN, Lalgudy Swaminath, M A, F I A, I S S, J P, Manager, Oriental Govt Security Life Assurance Co, Ltd since April 1946 *b* Aug 21, 1893 *Educ* Madras Univ, passed M A securing the Stuart Prize Associateship of the Institute, selected by Govt of Bombay as Govt Scholar for further Actuarial studies in England On return apptd part time Prof of Actuarial Science in Sydenham Coll of Commerce & Economics Bombay and simultaneously apptd in the Oriental Life Insce Co, first Indian to become Fellow of Institute of Actuaries, during 1931 census was entrusted by the Govt of India with actuarial work representing the compilation of mortality tables for various States and whole of India, Actuary of the Oriental Govt Security Life Assurance Co, Ltd for ten years Supdt of Insurance, Commerce Dept, Govt of India Oct 1943 March 1946 *Publications* Two papers submitted to the Institute of Actuaries on *Mortality of Indian Assured Lives* the latter of which won for him the prize offered by the Institute from the Sir George Hardy Memorial Fund *Address* Bombay

VAISHAKHIYA, Mahendra Kumar, M A Sahitya Ratna Minister for Social Service Vindhya Pradesh *b* Feb 10 Chhatarpur *s* of Brijlal Jain Poonabai *m* Smt Kumari Vimala Agarkar P A (Music) 1946 *Educ* Maharaja Coll Chhatarpur Allahabad and Bombay Univs Took Sahitya Ratna from Hindi Sahitya Sammelan Story writer M A T Films Ltd Bombay Political Secy to the Dy Prime Minister V P Secy Bundelkhand Lok Sevak Mandal, 1949 Municipal Commissioner, Chhatarpur was Correspondent of a number of papers took active interest in social reforms and freedom movement, courted imprisonment for political activities, elected M L A from the Laundi Constituency in the general elections organised Hindi Sahitya Sammelan in V P was its Gen Secy, knows Sanskrit, Pali Prakrit, Marathi, Gujrati Bengali and



Hindi *Publications* *Dharma Varnan* (Translation from Gujarati), various articles on travel education research, etc *Recreations* Reading, Writing, Travel, Photography *Clubs* Madhuk, Chhatarpur Venkat Club Rewa *Addresses* Gandhi Bhavan Chhatarpur Civil Lines Rewa

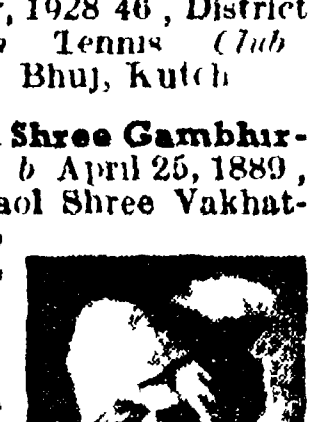
VAJIFDAR, Mrs Shera N, M Com, Secretary, All India Animal Welfare Assoc Progressive Group Bombay and Bombay Tenants Assoc *b* Sept 21 1915 at Bhusaval, *d* of Edulji Cooverji Marawala and Mrs Shirinbai Marawala of Navsari *m* Noshirwan Aderji Vajifdar of Bank of India, Bombay 1950, *Educ* Sydenham Coll, wrote thesis on Industrial Labour in India for M Com examination, first Parsee lady to receive M Com degree of Bombay Univ, was appointed Research scholar by Bombay Univ for studies in Ph D, 1943 45 Took keen interest in Congress activities, Forward Bloc Labour Movement and Welfare of the Blind, was General Secy, Lever Brothers Employees Union, was Pres Masina Hospital Workers' Union, Amrital Company Dye Workers Union, J J Hospital Nurses Union, was Secy, Commerce Graduates Assoc, 1944 45 and 1950 52, member Managing Cttee Commerce Graduates Assoc, Social Workers Society Budha Dutta Society, First Provincial Conference for the Blind and Freedom Group *Address* Sheri House Gunbow Street Fort, Bombay



VAKIL, Chandulal Nagindas, M A (Bom), M Sc (Econ) (London), Director and Professor of Economics School of Economics and Sociology, University of Bombay *b* Aug 22, 1895, *m* Vidyagauri, *d* of G C Sheth of Hansot (Dist Broach), two *d* and one *s*, *Educ* Bombay and London On the staff of the University School of Economics and Sociology Bombay since 1921 Director of the School since 1930 Pres Indian Economic Conference Patna, 1934 Economist to the Planning Dept, Govt of India, 1945-46 Editor, *The Indian Economic Journal* the quarterly of the Indian Economic Assoc *Publications* *Financial Developments in Modern India*, 1860 1924 (1925) *The Falling Rupee* (1943), *The Financial Burden of the War on India* (1943), *Our Sterling Balances* (1947), *Economic Consequences of the Partition* (1948) *Economic Consequences of Divided India* (1950), *Planning for a Shortage Economy The Indian Experiment* (1952) and several others *Recreations* Walking, Cinemas *Address* University Hostel, 79, Queen's Road Bombay 2

VAKIL, Natwarlal Chhabildas, B A LL B Judicial Commissioner Kutch, since 1951 *b* July 6 1900 *m* Smt Hiragavri N Vakil, two *s* and three *d* *Educ* Wilson Coll Bombay Started practice at Broach 1923, passed Advocate's examination (O S), 1927, Subordinate Judge, Bombay, 1928 46, District Judge 1946 51 *Recreation* Tennis *Club* Bhuj Gymkhana *Address* Bhuj, Kutch

VALA Thakore Saheb Raol Shree Gambhirsinhji, Thakore Saheb of *b* April 25, 1889, *e s* of Thakore Saheb Raol Shree Vakhatsinhji and Ranee Saheb Shree Amjiba, *d* of Thakore Shree Togaji of Kotda Sangani *m* March 9, 1912, Rajkumari Shree Rajkunvarba, *y d* of Thakore Shree Verisalji of Roha, Kutch, two *s*, two *d*, *Educ* Harrow and Clare College Cambridge, Imperial Cadet Corps, Dehra Dun Succeeded to the *Gadi*, June 5, 1943, acceded to the Union of India, Aug 27 1947, entered into the Covenant for the formation of the United State of Saurashtra, Jan 22, 1948 *Heir s* Yuvaraj Shree Pravinchandrasinhji, *b* October 15, 1925 *Address* Palace, Vala bhipur, Saurashtra



VALLABHDASS, Pratapsinh Shoorji, J P and Hon Presy Magistrate, Director Malabar Steamship Co Ltd New Dholera Steamships Ltd National Steamship Co Ltd Shoorji Vallabhdass Swadeshi Bazar Ltd, Shoorji Vallabhdas Ltd Pratapsinh Ltd Vikramsinh Ltd, Dilipsinh Ltd, Petlad Bulakhidas Mills Co Ltd Sewri Land Co, Ltd Bombay, Partner Shoorji Vallabhdass & Co Shoorji Vallabhdass Kariana Co *b* July 16 1918 *s* of Shoorji Vallabhdass, *m* Shreemati Manjula, *d* of late Narsee Monji of Golden Tobacco Co one *s*, Aditya and two *d* Medha and Purna *Educ* New Era School and Sydenham Coll of Commerce, Bombay Member, Cttee of the Indian Merchants Chamber, Member Managing Cttee, Seamen's Club, Bombay Cttee of Kanbai Kanyashala and Balika Graha, Shipping Advisory Board of the Govt, Cttee Member, Indian National Steamship Owners Assoc, Trustee Port Trust Bombay Pres Bombay Pradesh Aryasamaj Managing Cttee Shri Gurukul Chittoregarh, Trustee Kutch Lohana Education Dept its Secy for a long time *Club* Willingdon Sports Club *Address* Cutch Castle near Sandhurst Bridge Bombay 4



VALVANNE, His Excellency Hugo, Envoy Extraordinary and Minister Plenipotentiary for Finland in India, since Jan 2, 1950 *b* July 18, 1894, *m* Birgitte Guldager, *Educ* Universities of Helsinki (where graduated in Sanskrit) London and Toulouse Entered Finnish diplomatic service 1919, Secy of Legation in Moscow, 1921 London, 1921 25, Berne 1925 28, served at Foreign Ministry in Helsinki, Director of Political Dept, 1929 Secretary General, 1931 33, Minister for Finland in Tokyo, 1933 39 in Brussels and The Hague 1939 40, in Berne 1940 41, at Foreign Ministry, Helsinki 1941 43, Consul General in Gothenburg 1943 45, again at Foreign Ministry, in Mission to Peking, 1951 where established diplomatic relations with China *Address* Finnish Legation, 39, Prithviraj Road New Delhi



VARADACHARIAR, Sir Srinivasa, Kt, B A, B L, LL D (All), D C L (Delhi), Rao Bahadur (1926), ex Chairman, Income Tax Investigation Commission *b* 20th June 1881, *m* Rukmani Ammal (1898), *Educ.* Pachaiyappa's College Madras For two years Lecturer in Pachaiyappa's College enrolled as a High Court Vakil (1905) practised at the Bar ever since till appointed Judge of the High Court, 1934 39, Judge Federal Court Delhi, 27th Feb 1939 to 19th June, 1946 acted as Chief Justice, April June, 1943, elected an Hon Master of the Bench of the Inner Temple, Nov 1944, for some years Editor of the *Madras Law Journal* Chairman, Central Pay Commission *Address* C/o Income-Tax Investigation Commission New Delhi

VARMA, Acharya Badri Nath, M A (Calcutta), *Kavyatirtha*, Minister for Education, Bihar *b* Nov 10, 1889, *Educ* Ranchi Zila School, St Columba's College, Hazaribagh, Presidency Coll, Calcutta Participated in the Non Co operation Movement 1921, Prof of English and the Chief Organiser, Bihar Vidyapitha (National Univ), 1921, became its Registrar and Principal, took prominent part in reorganising the Congress in Bihar was member, Working Cttee and Treasurer, Joint Editor and leader writer, *Searchlight* (English) for several years, was member of various educational Cttees and Commissions appointed under the auspices of Mahatma Gandhi, the Congress and the Congress Govt, suffered incarceration for about 2 years, in connection with Aug 1942 Revolution, elected M L A, Bihar, 1946 *Address* Patna *Bihar*

VARMA, Dhirendra, M A (Allahabad), D Litt (Paris), Has been University Professor, Univ of Allahabad, U P *b* May 17, 1897, *s* of Khan Chand and Shrimati Kamla Devi, *m* Shrimati Maya Devi, *d* of Chaudhri Ram Bharose Lal, Lucknow, three *s* and three *d*, *Educ* Dehra Dun, Lucknow, Allahabad and Paris On the teaching staff of the Allahabad Univ and Head of the Department of Hindi Studies since 1924, Pres Bharatiya Hindi Parishad, Secy, Hindustani Academy, U P *Publications* *History of Hindi Language* (1933)—Hindi *La Langue Braj* (1935)—French, *Brajbhasha Grammar* (1937)—Hindi, *Letters from Europe* (1940)—Hindi, *Vichardhara*—Collection of essays (1944)—Hindi *Address* "Shri Chandraloka," 1/c Bund Road, Allahabad

VARMA, Paripurnanand, M L A (U P), Chief Steward for India The Institute of Human Fellowship, U S A member Board of High School and Intermediate Education, U P President All India Crime Prevention Society, Lucknow, since 1949 Chairman, Mau Development Corpn Ltd, Banaras *b* Feb 7 1907 *Educ* Graduated from Kashi Vidyapith Banaras, in History, Economics and Politics Professor of English, Prem Maha Vidyalaya Brindaban 1927, Editor, *Prem*, Brindaban 1927 28 Joint Editor, *Lokmat*, Jabalpur 1930 31 32 Editor, *Prema*, 1932 33 Editor *Sandesh* Banaras, 1933, General Manager Bharti Bima Ltd Banaras, 1935 38, Zone Secretary, The Empire of India Life Assurance Co Ltd, Kanpur Circle, 1946-47 Chief Inspecting Officer Empire of India Life Assurance Co Ltd, U P 1947-50 Ex President Iron and Steel Merchants Association U P President, Hindustani Biradari, Kanpur, Hindi Bhawan Trust, Kalpi Adarsha Vyamshala, Kanpur *Address* Behari Niwas Kanpur

VARMA, Ram Kumar, M A, Ph D, Has been Reader in Hindi University of Allahabad *b* Sept 15 1905 *s* of Lakshmi Prasad Varma, Extra Asstt Commissioner, and Raj Rani Devi, *m* Shrim Lakshmi Devi Varma, one *d*, Kumari Rajlakshmi *Educ* Hardwicke Christian Mission High School Narsinghpur, Model High School Jabalpur, Robertson Coll, Jabalpur, Univ Coll, Allahabad Lecturer and Reader, Univ of Allahabad, Dy Director of Public Instruction, Madhya Pradesh, Examination Secy, All India Hindi Sahitya Sammelan member Advisory Cttee, All India Radio, New Delhi, Pres, Hindi Literary Section, All India Hindi Sahitya Sammelan *Publications* —Poems *Akash Ganga*, *Chitra Rekha*, *Chandra Kiran*, *Anjali*, Plays *Charumitra*, *Sapta Kiran*, *Roop Rashi* *Rup Rang*, *Reshmi Tie*, *Kaumudi Mahotsava*, *Vibhuti*, *Sivaji*, *Prithviraj ki Ankhen* Research *Sant Kabir*, *Hindi Sahitya ka Alochanatmak Itihas* *Recreations* Tennis Collection of old manuscripts *Address* Saket, 4, Prayag Street, Allahabad, U P

VARMA, Dr Sheo Prasad, M A (Allahabad), Ph D (London) Has been Registrar, Allahabad Univ, Allahabad *b* May 22, 1890, *s* of late Professor Dwarka Pershad, B A, I E S, and Shrimati Badam Devi, *m* Shrimati Sushila Devi Varma, seven *s* and four *d*, *Educ* Robertson Coll, Jabalpur and Muir Central Coll, Allahabad and Univ Coll, London Was Senior Professor of English for twenty five years at Robertson Govt Coll, Jabalpur and thereafter Registrar, Allahabad Univ for the last twelve years *Publications* *Prose Unseens*—An Anthology of Prose Selections *Address* 12 Chatham Lines, Allahabad

VASAN, S S, *Managing Editor, Ananda Vikatan* a leading nationalist weekly, Proprietor, Gemini Studios, Madras *b* 1903, at Tiruthuraipundi, Tanjore Dist Took to journalism at an early age and started a Tamil journal, *Ananda Vikatan*, 1928, pioneer in introducing the unique feature of Caricatures in South India through this weekly, was once a keen punter, turned to film business, 1939, founded the Gemini Studios, 1941, as a producer, occupies a prominent position in the world of talkies member, Indian and Eastern Newspaper Society, was member, Standing Cttee, All India Newspapers Editors Conference is a shareholder of P T I *Address* Gemini House, Edward Elliot Road, Mylapore, Madras 4

VAZIFDAR, Khan Bahadur Captain N J, M B E, L M & S, F C P S, F C S (Lond), J P and Hon Presidency Magistrate General Secretary, Indian Red Cross Society, Bombay, Hon Secy St John Ambulance Association Bombay State Centre, Bombay, Dist Supdt, St John Ambulance Brigade No 3 Dist Bombay, Hon Secy Hind Kusht Nivaran Sangh (Indian Leprosy Assoc), Pres Coll of Physicians and Surgeons Bombay, Retired Chemical Analyser to Government of Bombay and Professor of Forensic Medicine Grant Medical College, Bombay Fellow of the Indian Chemical Society examiner in Chemistry in Physiology in Medical Jurisprudence and Mental Diseases in the Univ of Bombay Examiner in Physiology and Medical Jurisprudence and Hygiene, College of Physicians and Surgeons of Bombay, Examiner in Biochemistry for the M Sc Examination of the Bombay Univ, Examiner in Forensic Medicine in the University of Lucknow and Medical Examination Board, Nagpur Examiner in Technical and General Chemistry, Victoria Jubilee Technical Institute, Bombay, President, College of Physicians and Surgeons Bombay (1937 1940) *Publications Physiology of the Central Nervous System and Special Senses* (8th edition) and *Synopsis of Physiology* (8th edition), etc *Address* Red Cross Society Office, Town Hall Fort, Bombay



VELLODI, M K, B A, I C S Secretary, Ministry of Defence, Govt of India, since Oct 1953 *b* Jan 14 1896 *s* of Raja Manavedan Raja, Maharaja Zamorin of Calicut, *m* T M Kunhikav Kovilamma, one *d* and one *s*, *Educ* Zamorin's Coll, Calicut, Presidency Coll, Madras, Oxford Univ Joined I C S, Nov 1921, Jt Secy, Board of Revenue, Madras, 1933, Chief Secy, Govt of Orissa, 1939, Textile Commissioner, Govt of India, 1943 Dy High Commissioner for India in U K, 1945, Leader, Indian Delegation to Maritime Conference, Copenhagen, 1945, Seattle, 1946, attended General Assembly, U N, 1947, represented India at the meeting of the Security Council in connection with Kashmir, Jan May 1948, Secy, Ministry of States, Govt of India, Oct 1948 Nov 1949, Chief Minister Hyderabad, 1949 52, State Counsellor Hyderabad 1952 53, Secy Ministry of Works Housing and Supply, 1953 *Address* New Delhi

VENKATACHAR, Cadambi Seshachar, B A, I C S, C I E, O B L, Secretary, Ministry of States, Govt of India, since Aug 1951 *b* July 11, 1899, *s* of C Seshachar, *m* Nirmalabai Talcherkar, two *s* and one *d*, *Educ* Presidency Coll, Madras Univ Coll, London, Trinity Coll, Cambridge Entered Indian Civil Service by open competition in London and posted to U P, 1923, served in Political Dept of Govt of India in various capacities at Rajkot, Baroda and Indore, 1927 33, Rural Development Commr, U P, 1935-37, Agent to Govt of India in Malaya, 1937 41, became Commr of Allahabad Divn, 1943, Prime Minister, Jodhpur, 1946 47 and Bikaner, 1948 49, member, Constituent Assembly of India, 1947 48 Chief Minister, Rajasthan, Jan to April 1951 *Recreations* Reading, Motoring and Travelling *Address* States Ministry, New Delhi

VENKATARAMAIYA, Mr Justice Rudrapatna, M A LL B Judge, High Court of Mysore since Feb 1946 *b* July 16 1897 *m*, one *s* and three *d* *Educ* Maharaja's Coll, Mysore Elphinstone Coll and Govt Law School, Bombay Enrolled as Advocate in the High Court of Mysore, Oct 1921, District and Sessions Judge, Mysore, Oct 1944 to July 1945 Secy to Govt Law Deptt July 1945 to Feb 1946 *Address* Visvesvaraya puram, Bangalore City

VENKATARAMAN, Dr Krishnasami, M A (Madras) M Sc Tech, Ph D, D Sc (Manch), M I Chem E, I R I C, F N I, F A Sc, Director, Dept of Chemical Technology, University of Bombay, since 1938 *b* June 7, 1901, *m* Shakuntala Subramaniam, one *d*, *Educ* Madras and Manchester Vice Pres, Indian Academy of Sciences Pres Chemistry Section Indian Science Congress, 1945, member, Council and Executive Bureau of the International Union of Pure and Applied Chemistry, All India Council of Technical Education, Chemical Research Cttee of the Council of Scientific and Industrial Research, Indian Central Jute Cttee Pharmacy Council of India Cotton Textile Fund Cttee Bombay State Industrial Research Cttee *Publications* Numerous papers on chemistry and chemical technology, *The Chemistry of Synthetic Dyes*, Vols I and II, Acad Press N Y, 1952 *Address* Department of Chemical Technology University of Bombay, Bombay 19

VENKATARAMAN, R, M A, B L, M P *b* Dec 4, 1910, *Educ* Madras University, passed B A, Honours with distinction, was Pres, Students' Union and Chairman, Social Reform Club, won the Inter collegiate Oratorical Competition of South India Joined the Bar, 1935, participated in the Quit India Movement and detained in Jail, 1942 44 Vice Pres, I N T U C, Tamilnad and Pres, Plantation Workers Federation, South India, Editor, *Labour Law Journal*, one of the panel of Indian Lawyers along with Sri K Bashyam and the late K F Nariman, who defended Indian nationals arrested in connection with the I N A Movement in Singapore and Malaya, Secy, Provincial Bar Federation, member Executive of the Central Tea Board, Provincial Labour Advisory Board Commonwealth Parliamentary delegation to New Zealand, 1950, elected to Parliament, 1950, Delegate to the I L O Cttee on Metal Trades, Geneva, April, 1952 *Address* Member, Indian Parliament, New Delhi

VENKATARAMAN, S, B A, M L, Head of the Department of Law, Andhra University, since July 1945 *b* Dec 24, 1898, *s* of V Swaminatha Aiyar and Lakshmi Ammal *m* Bala, four *s* and one *d*, *Educ* S P G College, Trichinopoly and Law College, Madras Advocate, 1922, Lecturer, Madras Law College, 1925, Editor, Madras Law Journal, 1940 45, Editor Federal Law Journal, 1944-45 *Publications Outlines of Hindu Law—Bengal Code Recreation* Walking *Address* University College of Law, Waltair

VENKATARAMAN, S R, B A, B L *b* July 14, 1899 Joined Servants of India Society, 1929, connected with scouting since 1920, awarded Medal of Merit, 1950, relief work, Coimbatore, 1930, Shiyali, 1937, Andhra, 1945 and 1949, Secy, Depressed Classes Mission, Mangalore, 1934 and 1942 43, Secy, Madras City Harijan Sevak Sangh since 1943, Hony Associate Secy, Indian Conference of Social Work and its Central Exec Cttee, Guild of Service, Secy, the Indian Council of World Affairs, Pres, Indian Conference of Social Work Rajahmundry 1948 Scheduled Tribes Conference at Cuttack, Dec 1949 ran 81 Milk Centres in the famine areas of Chingleput Coimbatore and Rayalaseema feeding about eight lakhs member Org Cttee VI International Conference of Social Work Madras, 1950 53 *Publications* (Tamil) *Nehru's letters to his daughter* (Tr), *Ranade Gandhiji Annie Besant*, etc (English) *Temple Entry Legislation—a Review Harijans through the Ages The Pavement Dweller* etc *Address* Servants of India Society, Madras 14

VENKATARANGAIYA, Mamidipudi, M A (Madras) former Sir Pherozesha Mehta Prof of Politics and Civics, Univ of Bombay *b* Jan 8, 1889 *Educ* Pachaiyappa's College, Madras, secured a triple first in the degree examination, 1907 Professor successively in Pithapur Raja's College, Cocanada, Maharaja's College, Vizianagram, Dewan, Vizianagram Estate, Principal, V R College, Nellore, Professor in Andhra Univ, 1931-44, Principal, Bhemavaraj College, West Godavari, Pres, Indian Political Science Assoc 1945 *Publications Beginnings of Local Taxation, Federalism* (Andhra University), *Fundamental Rights, Constituent Assembly, Draft Constitution of India, Development of Local Boards, Fair and Free Elections, Elections and the Citizen Election Manifestoes Competitive and Co operative Trends in Federalism General Election in Bombay* Translation of *Kautilya* into Telugu and other books *Address* c/o Kingsway Stores Kingsway Secunderabad

VENKATRAO, Kala, Ex General Secretary, Indian National Congress *b* 1900, *Educ* Maharajah's College, Vizianagram and Noble College, Masulipatam Gave up studies in response to the call of Mahatma Gandhi in 1921 and joined the N C O Movement, went to jail eight times including two detentions, elected member of the Madras Legislative Assembly, 1937 and 1946, was General Secretary, Andhra Provincial Congress Committee for more than six years, member of the All-India Congress Committee for over twenty four years, Member, Indian Constituent Assembly, was Minister for Land Revenue Govt of Madras again Minister, Public Health, Govt of Madras, Sept 1951 Feb 1952, Elected to Parliament Sept 1950 *Address* Amalapuram East Godavari

VERMA, Major-General Shiv Dev, F Sc, (Punjab) Master General of Ordnance Army Headquarters, New Delhi since Feb 1953 *b* Sept 27, 1908 *s* of Ch Suda Ram, Bar at-Law, *m* Thelma Ila Roy one *s*, *Educ* Govt Coll Lahore, Punjab Commissioned from Sandhurst Jan 1929, served in 16 Light Cavalry all along, passed into Staff Coll, 1939 War Service in Iraq, Western Desert Palestine, Syria Persia, Burma, French Indo China 1941 46, G I Instructor Staff Coll Quetta 1946, Asstt Comdt, 1947, Comdt, Staff Coll, Wellington 1948 Comd 1 Armd Bde 1948 49 Comd 1 Armd Div, 1949, Imperial Defence Coll London, 1950, Comd 2 Armd Bde, 1951 20 Div, Nov '51 to Feb '52, Comd 1 Armd Div, Feb 52 to Feb 53 *Recreations* Polo, Tennis Squash, Golf, Swimming *Club* Delhi Gymkhana Club, New Delhi *Address* Master General of Ordnance Army Headquarters, New Delhi

VERMAN, Dr Lal C, F N I, F Inst P, Ph D, M S B S (Eng), the first Director of the Indian Standards Institution, since June 1947 *b* 1902 in Amritsar, *Educ* Punjab, California, Michigan and Cornell Univs, Teaching and Research in American Universities, 1925 31, Research Fellow, Indian Institute of Science, Bangalore, 1931 33, Research Physicist, London Shellac Research Bureau, 1933 36, his valuable research on the technology of lac led to wide industrial applications Research Officer and Asstt Dir, Industrial Research Bureau later amalgamated with the Council of Scientific and Industrial Research 1936 44 Ag Dir, Physical Laboratories, C S I R 1944 47, researches covering

varied fields especially in industrial technology, Vice-President, International Organization for Standardization, Geneva, 1949 54, Chairman Plastics Research Cttee, C S I R 1950 53, reponsible for secretariats of several I S I and I S O Cttees *Publications* Over hundred papers in Indian, British and American scientific and technical periodicals, number of Indian, British and U S A patents on variety of industrial processes *Address* Director Indian Standards Institution, Delhi 8

VIJAIVARGIYA, Gopi Krishna, Ex Chief Minister, Madhya Bharat *b* 1904, at Guna, *s* of Bal Mukund Vijaivargiya, Advocate and Social Worker, *Educ* Passed his High School Exam, 1920, joined Victoria Coll, Gwalior Gave up his studies at the call of the nation and participated in the non-co-operation movement started by Mahatma Gandhi, 1921, organised the Gwalior Rajya Sarvajanik Sabha later named as Gwalior State Congress, was elected its first president at Bhilsa session and again in 1941 at Bhind session, held this office till 1944, elected to the Constituent Assembly from Gwalior, 1947, after the introduction of responsible Govt in Gwalior entered Gwalior Cabinet as Commerce Minister, Jan 1948, was on the Working Cttee, All India States People's Conference, was Pres, Madhya Bharat Provincial Congress Cttee prior to his election as the leader of the Congress Party in the Leg Assembly *Address* Indore

VISVESVARAYA, Sir Mokshagundam, K C I E, M I C E, late Dewan of Mysore *b* 15th Sept 1861, *Educ* Central College, Bangalore, and College of Science Poona, holds Honorary Degrees from six Universities (D Sc, of Calcutta, J L D, of Bombay, D Litt, of Benares, D Sc, of Patna, D Sc, of Allahabad, and LL D, of Mysore) Asstt Engineer, P W D, Bombay, 1884, Supdt Eng, 1904, retired from Bombay Govt Service, 1908, apptd Sp Consulting Eng to Nizam s Govt, 1909, Ch Eng and Sec, P W and Rly Depts, Govt of Mysore, 1909, Dewan of Mysore, 1912-18 Chairman, Bombay Technical and Industrial Education Committee (appointed by the Government of Bombay), 1921 22, Chairman, Indian Economic Enquiry Committee (appointed by the Government of India), 1925 Chairman, Irrigation Inquiry Committee (appointed by Govt of Bombay), 1938, President, the All India Manufacturers Organization, 1941 *Publications Reconstructing India* (1920) and *Planned Economy for India* (1934) *Address* No 5 Cubbon Road Bangalore

VISWANATH, Rao Bahadur Bhagavatula, C I E (1943), D Sc, F R I C (London) Rao Bahadur (1929), Director, Eastern Technical Laboratories *b* 1st January 1889, *m* Srimati Venkata Lakshmi, *Educ* Vizianagram Director of Agriculture, Madras, 1944 47, University Professor Banaras, 1948 President Agricultural Sections, Indian Science Congress, 1937 President, Indian Society of Soil Science, 1935 37, Vice President, Indian Society of Soil Science Vice President, Society of Biological Chemists, India, 1938, foundation Fellow of National Institute of Science, India, Indian Academy of Science, Indian Chemical Society Adviser, Agricultural Programmes Planning Commission, Govt of India *Publications* Several original contributions on soils and plant nutrition and on the utilisation of agricultural products and wastes *Address* Krishnanivas, 8 A/85 W E Area, Pusa Road New Delhi

VISWANATHAN, Venkata, I C S, Joint Secy, Ministry of States Govt of India, since March 20, 1952 *b* in Malabar, South India, *Educ* Pusa High School, Central Coll, Bangalore University Coll, London, Balliol Coll, Oxford, Joined the I C S in 1931 in U P cadre, and was appointed Magistrate at Agra and Benares, 1931-36 Settlement Officer, 1936-40, Under Secretary and Deputy Secretary (1940 43) and Secretary to the Indian delegation to Burma (1941), Secretary to the Representative of the Government of India in Ceylon (1943 44) and Secretary to India's Envoy to Burma (1944-45), chosen as Alternate Delegate to the United Nations Special Commission on Palestine, 1947, Deputy High Commissioner in Pakistan, 1947-48, Chief Secretary, Madhya Bharat Govt 1948 49 its Adviser, July 1949 April 1950, Chief Commissioner, Bhopal, 1950-52 *Address* Ministry of States, Govt of India, New Delhi

VIZIANAGRAM, Maharajkumar Dr Vijaya of *b* December 28, 1905, *m* in 1923, three *d* and two *s*, *Educ* Princes' College Ajmer, where he won his colours at tennis and cricket, and set up a record, being the youngest student to get a double blue (Panchranga) Haileybury Public School England Is known in the field of sport by the name Vizzy', Capt of the Indian Cricket XI which toured Britain in 1936, Patron of Indian Sport, big game shikari, has passed the coveted figure of double century of tigers in April 1948, was Minister for Justice, U P Govt, President, Andhra and Kshatriya Mahasabhas, has travelled extensively in Europe and America both his grandfather and great grandfather had enjoyed the personal distinction of His Highness' and also a salute of 13 guns and 19 guns respectively the hereditary distinction 'Mirza Raja Maharaj Manya Sultan Bahadur is the family title, was returned unopposed to the Central Assembly from Uttar Pradesh in 1934 and also in 1945, elected by a large majority to the U P Provincial Assembly on the eve of the inauguration of the reforms, appointed Minister of Justice of the U P Government under the new Act, 2nd April 1937 member of the Court of the Benares Hindu University since 1935 and of the Executive Council since 1940 awarded by Sir S Radhakrishnan, Vice Chancellor of the University, the highest Blue Ribbon of the University, as a special mark of distinction at the convocation of 1940, President of the Andhra Mahasabha from 1941 for three years successively, was unanimously elected President, 44th Session of the All India Kshatriya Mahasabha held at Motihari (Bihar) in June 1944, received Hon Degree of Doctor of Laws from the Benares Hindu University, at its annual convocation in Nov 1944, renounced his Knighthood on the 14th of July 1947, as he considered it was not in keeping with the ideals of Republican India member Uttar Pradesh Legislative Council (Upper House), 1952 *Address* Vijayanagaram Bhawan, Banaras



VORA, Dr Mansukhlal Khimchand, M B B S, M S (Bom), Consulting Surgeon *b* Jan 12, 1916, *s* of Khimchand Harjivan Vora, *m* Smt Ashrumati Liladhar Thar, *Educ* Grant Medical Coll Bombay Hon Asstt Surgeon at B Y L Nair Hospital Hon Asstt Surgeon at R P T B Hospital, Bombay, was Asstt Professor of Anatomy, Topiwala National Medical Coll, Bombay *Publications* Papers on Pneumoperitoneum and Thoracoscopy in the treatment of Tuberculosis of lungs *Recreations* Chess *Address* 211-B, Prabhat, Deodhar Road, Matunga, Bombay 19

VYAS, Mr Justice Devshankar Vajeshankar, B A (Bom), M A (Cantab), I C S, Judge, High Court, Bombay *b* Aug 14, 1898, *s* of Dr Vajeshankar Liladhar Vyas, *m* Mangala Gouri *alias* Manorama Gouri, *d* of Raj Ratna Dr Keshavlal Tribhuvandas Dave, L M & S, Retired Chief Medical Officer, Limbdi, Saurashtra, three *s*, *Educ* Porbunder, Bombay and Cambridge Joined the Indian Civil Service, Nov 1923 and worked as Asstt Collector in Ahmedabad, Sind and various other places, was Collector of Hyderabad (Sind) for some time in 1927, District Judge at several places including Ahmedabad, Belgaum, Surat, Broach and Nadiad, from 1931, officiated as Judicial Commissioner, Ajmer Merwara, 1945 Secy to Govt, Legal Dept and member, Industrial Court, was Commissioner, Southern Division for a year and Commissioner, Central Division for a year and a half *Address* Murry Field, Narayan Dabholkar Road, Malabar Hill, Bombay

VYAS, Jainarayan, Chief Minister Rajasthan, since Nov 1952 *b* 1898 at Jodhpur *Educ* Had his early education locally Worked on the railway for some years, became a whole time political worker and joined the Congress organised the Marwar Peasant Movement, courted jail five times for political activities externed from Jodhpur State for many years settled in Bombay and turned to political journalism editing the *Akhand Bharat* elected General Secy All India States People's Conference, 1939 49 Chief Minister first popular ministry Jodhpur 1948 was Pres Rajputana P C C, was Minister Rajasthan *Address* Chief Minister Jaipur (Rajasthan)



VYAS, Murlimanohar, B A, LL B, Advocate *b* Magh Shukla 2, Samvat 1965 (Jan 1909), *s* of Akhey Rajji and Durgabai *m* Shivapyaridevi, 1925, two *s* Nandkishore and Nawalkishore, and three *d*, Ratankumari, Kamala Kumari and Vimala Kumari *Educ* S S P and Darbar High Schools Jaswant Coll, Jodhpur Allahabad Univ had a brilliant academic career having won medal, reward and scholarship B A (Agra) 1929, J L B (Alld) 1931 with first division and second position Staunch supporter of social reforms, was office bearer of several institutions including Alld Univ Village Service League, Sanatan Dharma Sabha, and Bar Assoc, Nagaur, Manager, S S P H School, Treasurer, Kanya Pathshala, Pres, Law Academy, member, Law Cttee and Executive Cttee, Bar Assoc, Jodhpur, keenly interested in politics was jailed in the 1942 movement *Publications* Articles on varied subjects in book form and journals *Recreations* Hearing Music, reading books, writing articles *Address* Chand Baori, Jodhpur



WADHWANI, Dr Hemandas R, M B B S, K I H, Ex Minister Sind *b* Jan 12 1895, *s* of a prominent retired Advocate of Sind, *m* two *s*, *Educ* Grant Medical Coll, Bombay, graduated, 1920, Post graduate Course in Ear, Nose and Throat Diseases (Special subject Deafness) at Neumann Clinic, Vienna, worked in the League of Red Cross Societies at Paris for some time in 1932 awarded Kaisar I Hind Medal for Red Cross work, 1934 elected M L A, Sind, 1937, Minister, P W D and Public Health, 1937 38 Minister Public Health, Industries and Civil Defence, 1942 45, member Medical Council of India, 1939 47, Bhore Cttee, Govt of India, founded and started the Dow Medical Coll, Karachi, was Adviser to the Govt of Sind upto June 1948, when he migrated to India permanently *Publications* Several medical, social and political articles *Address* 40, North Tukoganj, Indore (M B)

WADIA, Ardeshir Ruttonji, Rajasevasakta B A Bar at Law, Director Tata Institute of Social Sciences Bombay *b* 4 June, 1888, *Educ* St Xavier's High School and Wilson College, Bombay Middle Temple London for Bar St Catherine's Oxford Fitz William Hall, Cambridge Prof of English and Philosophy, Wilson College, Bombay, 1914, Lecturer in Psychology University of Bombay, 1914 16, Professor of Philosophy, Mysore Univ, 1917 42, Secy, Inter Univ Board, 1932 37, D P I, Mysore (Retd), Principal, Victoria Coll, Gwalior (1946 49), Pro-Vice Chancellor, Maharaja Sayajirao Univ, Baroda, 1949 52 Governor of District No 51, Rotary International, 1951 52 *Publications The Ethics of Feminism, Civilisation as a Co operative Adventure Pragmatic Idealism in Contemporary Indian Philosophy Zoroaster Religion as a Quest for Values* Editorial Board, History of Philosophy Eastern and Western *Address* Kalpana 96 Marine Drive, Bombay 2

WADIA, Darashaw Nosherwan, M A, D Sc F G S, F N I F R A S B, Geological Adviser, Govt of India *b* 1883, *m* Meher G Medivala *Educ* Baroda College, Bombay University Prof of Geology, Prince of Wales College, Jammu (Kashmir), 1907-1920, Geological Survey of India, 1921 1939 (carried out the Geological Survey of N W Punjab, Hazara and Kashmir as part of official duties, Mineral Adviser, Ceylon Government since 1938 President, Indian Science Congress, XXIX Session, 1942, President National Institute of Science of India, 1945 46, 'Back Award" Royal Geographical Society, London, 1934, Lyell Medal awarded by Geological Society, London, 1943 *Publications Geology of India, Syntaxis of N W Himalayas* (1931), *Geology of Nanga Parbat and Gilgit District* (1932), *Structure of the Himalayas* (1938) *Address* 10, King George Avenue, New Delhi

WADIA, Sir Navroji Jehangir, B A (Bom) and (Cantab), Kt (1944), Vice Chancellor, Bombay Univ *b* Aug 27, 1884, *s* of Dr Jehangir P Wadia, *m* Hilla, *d* of Sorabji M Rutnagar *Educ* Bombay Univ and St John's Coll, Cambridge I C S, Judge High Court, Bombay, Member, Parsi Panchayat *Clubs* Willingdon, Cricket Club, W I A A Club, Bombay, National Liberal Club, London *Address* Beau Site, Worli Parade, Bombay

WADIA, Neville Ness, Chairman Nowrosjee Wadia & Sons Ltd and Bombay Dyeing & Mfg Co Ltd *b* Aug 22, 1911, *s* of Sir Ness Wadia, K B E, C I E & Lady Evelyn Wadia, *m* Dina Mohamed Ali Jinnah, one *s* and one *d*, *Educ* Malvern & Trinity, Cambridge *Address* Bella Vista, Pedder Road, Bombay 26, *Office* Neville House, Ballard Estate, Bombay 1

WADIA, Pestonji Ardeshir, M A, Professor of Philosophy and History, Wilson College, Bombay *b* 16th Dec 1878, *Educ* Elphinstone College, Bombay *Publications The Philosophers and the French Revolution, Zoroastrianism and our Spiritual Heritage, Inquiry into the Principles of Theosophy, The Wealth of India, Money and the Money Market in India, An Introduction to Ivanhoe History of India, Mahatma Gandhi A Dialogue in Interpretation, The Faith that Matters, Parsis Ere the Clouds Thicken, Logic in two Volumes Our Economic Problem Address* Thakur Nivas 173 J Tata Road, Bombay 1

WADIA, Mrs Sophia, Editor, *The Aryan Path* and *The Indian P E N*, Bombay *b* Sept 13, 1901, *m* B P Wadia, Bombay, *Educ* Lycée Molière, Paris, Columbia Univ, New York, School of Oriental Studies, London Associate of The United Lodge of Theosophists, Lecturer, Founder Organiser of the P E N All India Centre, and worker in women's educational, social and cultural movements *Publications The Brotherhood of Religions Preparation for Citizenship Recreation* Reading *Address* "Aryasangha, 22, Narayan Dabholkar Road, Malabar Hill Bombay 6

WALI-ULLAH, Mohamed, B A, I I B, M A, B C I (Oxon), L L D (Trinity Coll, Dublin), Bar at Law Member, Labour Appellate Tribunal of India, since Dec 1952 *b* Oct 14, 1892, *m* Begum Mumtaz Jehan, four *s*, Asaf, Arif, Aishad and Safdar and one *d*, Najrua, *Educ* Jubilee High School, Gorakhpur, Muir Central Coll, Allahabad—B A (1911) I L B (1913), Univ of Oxford, B A Hons (1915), B C L Hons (1916), Trinity Coll, Dublin, L L D (1917), Gray's Inn London, called to the Bar, Jan 1917 Practised at the Bar, 1918 19, Prof of Law, Univ School of Law, Allahabad, 1919 23, joined the Allahabad High Court, 1923, Assistt Govt Advocate 1925 37, Govt Advocate 1937 44, Puisne Judge, High Court Allahabad, 1944 52 acted as Chief Justice, Allahabad Court, in March and April 1949 and again in Oct 1951 retired as Acting Chief Justice Oct 1952 *Address* 12, Elgin Road, Allahabad (U P)

WANCHOO, Chief Justice Kailas Nath, B A (Allahabad) Chief Justice, Rajasthan High Court since Jan 2, 1951 *b* Feb 25, 1903, *s* of Pandit Pirthi Nath Wanchoo, *m* Mohini Zutshi, *d* of Dewan Bahadur B N Zutshi of Ratlam, one *s* and two *d*, *Educ* Pandit Pirthi Nath High School, Kanpur, Muir Central College, Allahabad and Wadham College, Oxford Passed into the Indian Civil Service, 1924 joined service, Dec 1, 1926, served as Joint Magistrate and District and Sessions Judge in various Districts in Uttar Pradesh, Judge, Allahabad High Court, Feb 1947 Jan 1951 reported to the Govt of India on the financial and other implications of the new State of Andhra Feb 1953 [illegible] Road Jodhpur

WANCHOO, Niranjan Nath, M A (Punjab), O B E (1945), I C S, I D C, Joint Secy, Ministry of Defence, Govt of India, since 1948 *b* May 1, 1910, *s* of late P N Wanchoo, *m* Miss Chandramohini Kak, two *d*, *Educ* Government Coll, Lahore, King's Coll Cambridge joined the I C S in 1934, served in Bihar and Orissa, subsequently in the Commerce and Food Departments of the Govt of India, Imperial Defence Coll, London 1947 Director General of Ordnance Factories, 1948 *Recreations* Golf *Address* 4, Akbar Road New Delhi

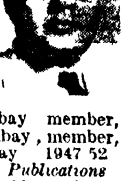
WANDREKAR, Dattatraya Nathoba, B A (Hons) L L B, Deputy Minister, Bombay since 1952 *b* Dec 14 1895 *s* of Nathoba Pandurang Wandrekar, Ex Accountant, Central Rly, *m* Smt Indirabai, *d* of late Bhagwantrao B Dahanukar four *s* and two *d*, *Educ* Wilson High School & Wilson Coll, Bombay Entered political life under the guidance of the late Vithalbhai Patel 1921 Secy, Bombay Suburban District Congress Cttee, member Maharashtra Pradesh Congress Cttee, A I C C, Bombay Leg Assembly, 1936, 1946 & 1952 Secy Adivasi Seva Mandal, 1941 52 Parliamentary Secy, 1946 52 *Publications* Contributed articles to journals *Recreations* Walking and Gardening *Address* Swatantrya Mandir, 10th Road, Khar, Bombay 21

WANGDI, Tenzing, B A B L, Deputy Minister, Tribal Welfare Dept, West Bengal *b* March 21, 1907 *m* Smt Donga Lhamoo six *s* and two *d*, *Educ* M E School, Ghum, Govt H E School, Darjeeling, I A & B A from the Presidency Coll, Calcutta and B L from the Univ Law Coll Calcutta Practised as a pleader at Darjeeling 1934 38 represented the Tibetan officials and merchants at the Calcutta Customs 1938 42 was attached to the Chinese Consulate, Calcutta for about two years resumed practice at Darjeeling, 1942 52, pleader prosecutor, 1946 49 elected M L A on Congress ticket in the general elections, Pres Bhutia Assoc, Darjeeling since 1949 *Recreations* Reading, Walking *Address* Wangyal Building, Ghum, Darjeeling

WASHIKAR, Shivram Shripad, Marathi litterateur and Screen play Writer *b* Oct 1893, at Kolhapur, *m* Smt Shantabai Kulkarni 1921, two *s* Is a novelist *Publications* Author of *Bhikarin, Visha prayog Kalicha Kul Vadhar poorm*, etc, author and dialogue-writer of *Sant Tukaram, Dnyaneshwar Ramashastri* and other film hits *Address* 1, Prabhat View L N Road, Dadar, Bombay 14

WAZIR, Mr Justice Janki Nath, B A (Punjab) L L B (Lond), Bar at Law Chief Justice, High Court of Judicature, Jammu and Kashmir State, since April 1948, *b* Dec 6, 1905, *s* of Wazir Paras Ram *m* *d* of late D R Sawhney, Chief Engineer, (Retd), Sind, three *s* and two *d*, *Educ* Kashmir and London Univ Was enrolled as an Advocate of the Lahore High Court 1931, Part time Law Lecturer, Law Coll, Lahore *1933 36*, Judge, High Court of Judicature, Jammu and Kashmir State, Dec 1936—April 1948, elected Vice Chancellor, Univ of Jammu and Kashmir, June 1950 *Address* Chief Justice, Jammu and Kashmir State, Srinagar

WELINGKAR, Lakshmikant Narayan, B Sc (Econ), London (Honours), Principal, R A Podar College of Commerce and Economics, Bombay, since 1943 *b* Sept 19 1907, *s* of the Manager of a Jute Mill in Calcutta, *m* Ratanbai Borkar, one *d*, *Educ* Calcutta and London Lecturer in Economics, St Xavier's College, Bombay, 1934 42, Professor of Economics, St Xavier's College, Bombay 1942 43, Life member, Shikshana Prasaraka Mandali Poona, member, Managing Council S P Mandali, Poona, Fellow, Univ of Bombay member, Academic Council, Univ of Bombay, member, Municipal Corporation Bombay 1947 52 Officer National Cadet Corps *Publications* Articles *Recreation* Hiking *Address* R A Podar College of Commerce and Econ Bombay 19



WHITAKER, Dr John Wilfrid, Ph D, F R I C F Inst Fuel, M I Min E (U K), M I E (India), M M G I Certificated Mine Manager (1st Class) Ex Director, Fuel Research Institute, Jealgora, near Dhanbad E R, *m* three *d*, Margaret, Dorothy and Joan, *Educ* Various Colleges in U K, University, London Served as Chemist in 1914-18 War, later Technical Asstt to Manager of Collieries, Lancashire Lecturer and later Reader, Fuels and Oils at Univ College, Nottingham (1921 30), subsequently Principal Newark Technical College, Croydon Polytechnic, and Huddersfield Technical College, H M I for Board of Education (Tech Branch) *Publications Mining Physics and Chemistry Colliery Explosions and Recovery Work Mine Lighting* research papers on Fuel Technology, Coal Analysis and Testing, Gas Analysis, The Foreign Matter of Coal, Coal Dusts, The Calorific Values of Coals, Micro-Analysis, and Thermodynamics, also Review and Technical Papers on Mine Ventilation, Mine Explosions Illuminating Engineering, Training in Fuel Technology, Technical Education and Vocational Guidance *Recreations* Music, Literature, Golf *Address* c/o Fuel Research Institute, Jealgora P O, Manbhum Dist, Bihar

WINCHESTER, Most Hon the Marchioness of (the former Miss Bapsy Pavry), M A, Litterateur *d* of the Parsi High Priest of Bombay *m* Most Hon the Marquess of Winchester, the premier Marquess of the United Kingdom, July 2, 1952, received numerous messages of good wishes from world over, including those from Her Majesty Queen Mary and other members of British and European Royalty, accorded Civic Reception by Mayor of Bombay at Corporation Hall (March 1953) and by Mayor of Winchester at Historic Guildhall (July 1953) the Citation eulogizing constant endeavour in promoting Indo British friendship Honorary Member of British American Society Member of Council of World Alliance for International friendship *Educ* Queen Mary High School and St Xavier's College Bombay M A Columbia University Visited England every year since 1924 presented at their Majesties Court 1928 received by President Coolidge (1924) by Pope Pius XI (1926) and President Lebrun (1938) Guest of the Shah of Persia and King of Afghanistan (1934), of King Abdullah of Jordan King Gazi of Iraq, President Kemal Ataturk, King Boris and Queen Ioanna, King Carol and Queen Marie Prince Regent Paul and Queen Marie of Yugoslavia and the Crown Prince and Crown Princess of Italy (March April 1937) of King Leopold and Queen Elizabeth of Belgium, King George of Greece and King Farouk of Egypt (Aug Sept 1937), also of Emperor Haile Selassie and Empress Menen in Ethiopia (1946), attended the historic reception given in Paris by the President of France in honour of King George and Queen Elizabeth (1938) Member of Committee of various Charity Balls, held in London in 1928 38 in the presence of members of the Royal Family attended the historic Peace Conference in Paris (1946), and Asian Relations Conference in New Delhi (1947) *Publications Heroines of Ancient Persia* (Cambridge 1930) limited deLuxe edition of 250 numbered copies (Hutchinson London and New York, 1954) *Address* Malabar Hill, Bombay



WRIGLEY, H E Hugh, C I E M C S I D, Australian Government Trade Commissioner Bombay *Address* Mercantile Bank Building 52/66, Mahatma Gandhi Road Bombay Cold Croft Warden Road Cumballa Hill Bombay 26

YADAV, Amrit Lal, Sahitya Ratna (Politics) Minister for Refugee Relief and Rehabilitation including Evacuee Property, Co operation and Forests, Rajasthan Govt since 1952 *b* Jan 9 1919 *m* Smt Narwada Devi one *s* and one *d* *Educ* Privately Joined Mewar Praja Mandal, 1938 imprisoned in Freedom Movement, 1942 has been an active Congress worker, founded Rajasthan Dalit Jatiya Sangha, 1947, member Working Cttee, All India Depressed Classes League Rajasthan Harijan Sevak Sangh Rajasthan INC s Jaipur branch, Working Cttee, Dist Congress Cttee, Rajsamand Pres, Caravan of India, Jaipur, was Dy Minister for the Welfare of Backward Classes, Vyas Ministry, Rajasthan *Publications* Contributions to papers in the shape of short stories one act plays and essays on social problems in Hindi *Address* 50 Civil Lines Jaipur (Rajasthan)

YADAV, Madhavrao Dhondiba, Engineers and Machinery Dealers *b* Oct 10 1910 *s* of D C Yadav *m* Smt Shankuntala Jadhav, one *s* *Educ* Kolhapur Founder and Proprietor of M D Yadav (Eng Agents) & Co dealing in all types of machinery and suppliers to Govt and semi Govt departments for the last 20 years and over, also supplied various types of machinery to the agriculturists to accelerate the Grow More Food Campaign in Madhya Pradesh are also Agents for RUSTON Engines and RUSTON Pumps Philips Industrial Products, Good Year Industrial Products, etc a keen amateur in photography, member Royal Photographic Society (England), Photographic Society of America Photographic Associations in India some of his pictures were exhibited in foreign exhibitions *Address* Geeta Ground Sitabuldi Nagpur 1



YUNUS, Mohammad, Under Secretary Ministry of External Affairs Govt of India *b* June 26, 1916 *Educ* Muslim Univ School Aligarh Islamia Coll Peshawar Was Charged Affaires Embassy of India in Ankara, was the first Indian Representative to the Republic of Indonesia, was member Indian National Congress was imprisoned during the 1942 Quit India Movement was Charge d Affaires, Legation of India in Baghdad *Publications Frontier Speaks*, banned in 1942 *Address* Ministry of External Affairs New Delhi

ZACHARIAH, Kuruvila, M A (Oxon), C I E (1947), Ex Addl Secy and Director of Historical Research, Ministry of External Affairs, India *b* Dec 24 1890, *s* of G Zachariah *m* Shanti Dey, three *s*, two *d*, *Educ* Madras Christian College (Madras University), Merton College Oxford Professor, Presidency College, Calcutta (Indian Educational Service), Principal, Hooghly College and Islamia College, Bengal, Director of Public Instruction Bengal, Planning Adviser for Education Bengal member Federal Public Service Commission *Publication A History of Hooghly College* 1836-1936 *Recreations* Gardening *Club* Coonoor Club Coonoor South India *Address* Blurgowrie Coonoor S India

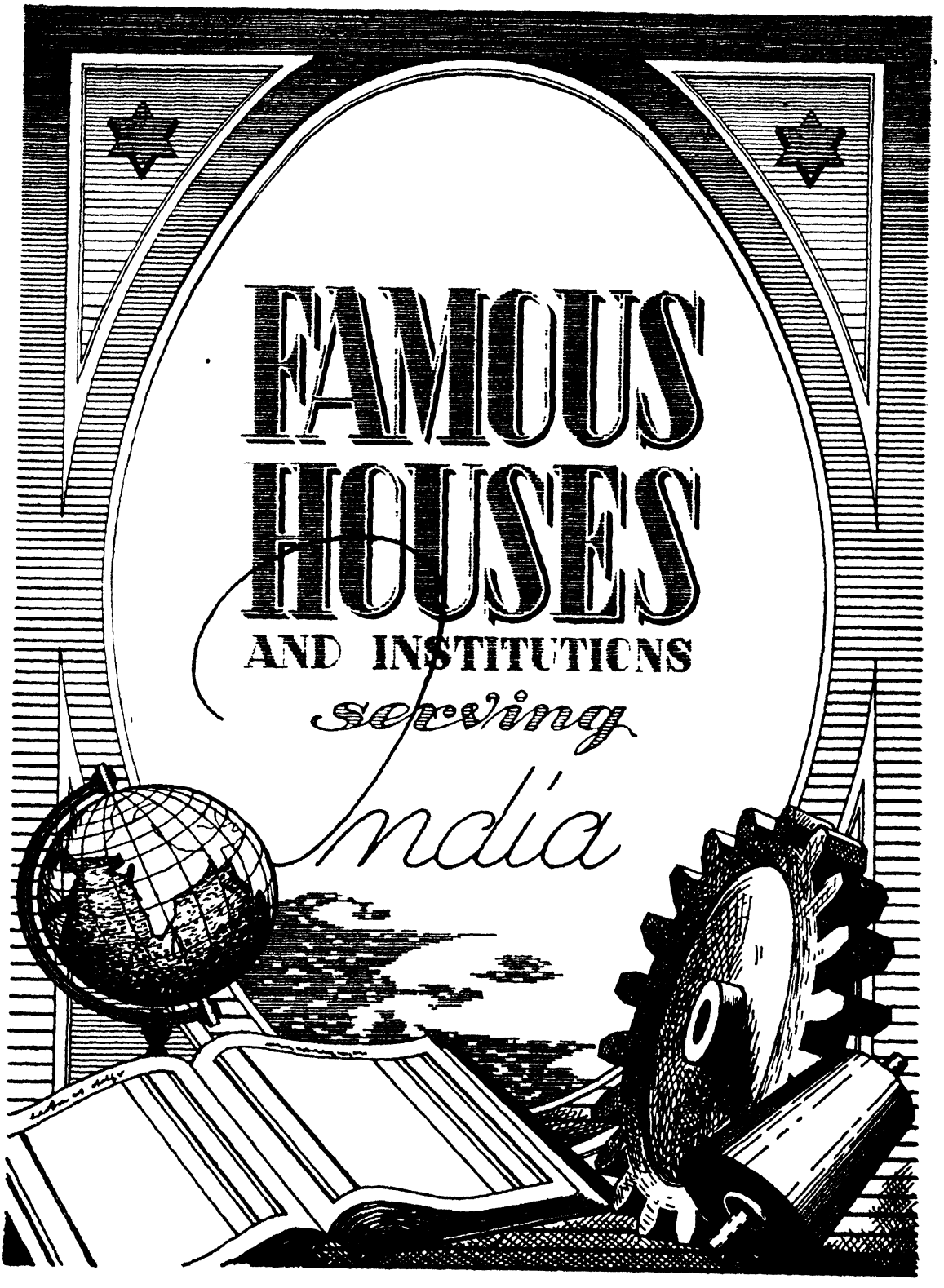
ZAHEER, Syed Ali, B A LL B, Bar at Law, M L A Minister for Justice and Excise, Uttar Pradesh, since Aug 1951 *b* March 21 1896 *s* of late Sir Syed Wazir Hasan Chief Judge, Chief Court of Oudh *m* Begum Aliya Khatoon, two *s* and two *d*, *Educ* M A O College Aligarh Canning College, Lucknow, Law College Allahabad, Oxford Called to Bar, 1922 member, Lucknow Municipal Board 1925-45 member, Legislative Council, 1930-37 and again from 1939 till supersession of legislature, left Muslim League, 1937, organised Shia community, elected Pres, All India Shia Political Conference, 1941, re elected Pres, 1945, same year convened Shia All Parties Conference which agreed to dissociate itself from Muslim League policy, Member for Law and Communications, Nehru's first Interim Cabinet, resigned in October, 1946 when Muslim League joined Viceroy's Executive Council, Indian Ambassador in Iran 1947 51 Minister in Iraq 1949 51 Designated Ambassador to Indonesia, June 1951, became Minister of Justice in Uttar Pradesh Cabinet also assigned portfolio of Labour in Oct 1951, elected to Legislative Assembly Jan 1952 *Publications* Articles published in various newspapers and magazines *Recreations* Writing articles for Press *Address* Secretariat, Lucknow U P

ZILS, Paul, Managing Director Art Films of Asia Ltd and DUI Ltd Producer Director of feature films documentary film specialist of international reputation *b* and *Educ* in Germany Took an active interest in film and dramatic art at an early age was associated with the UFA Studios in Berlin for five years, travelled extensively throughout Africa, Asia and America making documentaries as a free lance, worked in Hollywood with Max Reinhardt and William Dieterle, in India since 1942, was in charge of the Foreign Section of Govt s Information Films of India, member Advisory Cttee for Visual Education, G O I Founder member, Short Film Guild, member I M P P A, published periodical 'Indian Documentary' is known as a critical writer on films and social subjects has made 30 documentaries, including three for the U N O, his feature films are Our India' in English (released abroad as 'Dawn of India'), Hindustan Hamara and Zalzala' in Hindustani is now an Indian national) *Address* Olympia Bhulabhai Desai Road Bombay 26



ZOBAIRI, Azmat Elahi, Has been Registrar, Muslim Univ, Aligarh *b* 1894 in Marehra, Dt Etah, U P, *m* first in 1912, 2nd in 1922 after the death of first wife five *s* and three *d*, *Educ* early education in Urdu and Persian from his learned uncle, joined local English School, Matriculation Exam, Allahabad Univ, Mohammadan Anglo Oriental College, Aligarh, graduated from Allahabad Univ, 1916, LL B Degree from the School of Law Allahabad, 1919 Practised for over a year in the home district, joined the Aligarh Muslim Univ as Asstt Registrar, 1921 *Recreations* Cricket, Hockey and Tennis, fond of reading light fiction and detective novels *Address* Aligarh

*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Within a decade, Bradbury Brady & Co (as the firm was then styled) had extended its activities far beyond its initial business of machinery importers for in 1900 the Empire Dye Works was started and in 1901 it took up the agency of the Colaba Land & Mill Company This was rapidly followed by the agencies of the New City of Bombay Mills, the New Great Eastern Mills the Sun Mill (now Dhanraj Mills) and the Bradbury Mills

In 1912 however, a change was made when Mr Bradbury (in Partnership with Mr Knowles) restricted his business to the agencies of these Mills under the style of Bradbury & Co , while Mr Brady started an independent business as a Machinery Agent (with Mr Kay, Mr Lakin and Mr Johnson as junior partners) under the style of W H Brady & Co

In 1913, the latter firm was converted into a private limited liability company under the name and style of W H Brady & Co , Ltd , with its Head Office in Bombay Three years later on the death of Mr Bradbury it took over the agencies of the Empire Dye Works the New City of Bombay Manufacturing Co , Ltd , the New Great Eastern Spinning and Weaving Co Ltd and the Colaba Land & Mill Co , Ltd

On the retirement of Mr Brady in 1922, Sir Joseph Kay became Managing Director of the firm and its progress under his management has been considerable In 1928 the capital was increased and the Company commenced to operate on the joint stock principle without any restrictions on its shares Today, the operations of the concern cover an extremely wide field for in addition to its long established textile associations, it has extended its activities over other classes of industry such as Sugar, Engineering, Printing, Insurance etc

Associated with the Managing Director is a body of wholetime service directors, namely, Mr W Jenkins, Mr J Symon, Mr F Edwards, Mr R S Smith and Mr E F Morrey, while from time to time, branches have been established in other parts of India until the Company now has offices in Calcutta, Madras, Kanpur, Ahmedabad, Coimbatore and Manchester (England)

TEXTILES.—The Company has a very large Textile Machinery Import Department which carries comprehensive stocks of the manufactures of a number of British and American firms These firms are recognised everywhere as makers of the highest repute and amongst them may be mentioned—The British Northrop Loom Co , Ltd , Lang Bridge Ltd , Wm Tatham Ltd (who have a world-wide reputation for Carding and Spinning machinery for cotton waste and wool), Universal Winding Company (Patentees of the famous Leesona Winding Machines), H Brinton Co , Hugh Kershaw & Sons Ltd , Cocker Machine & Foundry Co , Cook & Co (Manchester) Ltd , Samuel O'Neill & Sons Ltd , Small & Parkes Ltd , F E Rudman & Co , Ltd , Tragasol Products, Ltd , etc , etc

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The Textile Department is also keenly alive to all changes which constantly take place in the manufacture of Cotton and Silk goods It is always ready to advise on these changes suggest up-to-date systems, and to supply machinery in conformity with them

Being closely associated for more than fifty years with the Cotton Textile Trade in India, the Company has undertaken from time to time, many large contracts and in several cases has executed orders for complete Cotton and Woollen Mills to the entire satisfaction of the purchasers

In addition to the vast textile machinery business the Company is also directly connected with the Textile Trade in its capacity of Managing Agents for the New City of Bombay Mfg Co Ltd , the Empire Dyeing & Mfg Co , Ltd and Secretaries and Agents for the New Great Eastern Spg & Wvg Co , Ltd

ENGINEERING —The Company has a very large general Engineering Department It carries comprehensive stocks of the manufactures of a number of British Firms, amongst whom may be mentioned Herbert Morris Ltd , The Renold & Conventry Chain Co , Ltd , Hopkinsons Ltd , Geo Kent Ltd The Andrew Machine Construction Co , Ltd , G & J Weir Ltd , Davidson & Co , Ltd , Norris Henty & Gardners Ltd , Dicks Asbestos & Insulating Co Ltd , Ashworth & Parker Ltd , Hick Hargreaves & Co , Ltd , Thos Broadbent & Sons Ltd Hoffmann Sprinkler Co , Ltd , etc , etc

In keeping with the development of the Engineering Industry in India a company under the name of The Brady Engineering Co , Ltd was formed in 1946 with the object of manufacturing wholly or partially under licence from their various Principals, such goods as have been imported in the past but which could be readily manufactured in this country

SUGAR -In their General Department Messrs W H Brady control the management of The Belapur Co Ltd This pioneer Company is not only one of the largest of its kind, but has recently erected a new factory which is the most up-to-date in India and is capable of crushing 1,000 tons of cane per day

It manufactures pure Indian sugar by modern methods from cane which is grown entirely on its own estate

PRINTING —Messrs W H Brady control the well-known Caxton Press (G Claridge & Co , Ltd) which undertakes all kinds of Printing, Lithography, Die-Stamping, Bookbinding etc

INSURANCE —Insurance is another important line of business with which the Company has been connected for a considerable number of years The Company acts as Principal Agents of first class British and Indian Insurance Companies, and are always in a position to give advice on, and transact practically all classes of Insurance business with the sole exception of life

OTHER INTERESTS —The Company handles several important agencies for goods which are consumed on a very large scale in India, and has built up an extensive connection for its imports of such proprietary articles as Nicholson Files Nettlefold Screws, Signode Steel Strapping, etc

CONCLUSION —In a brief resume of the Company's operations it is impossible to enumerate a complete list of firms for whom they act as representatives, but Messrs W H Brady are well-known to be a live and progressive House, staffed with experts in each branch, and possessing close connections with the Textile Trade, Engineering the Sugar Industry, Insurance, and manifold other interests


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BUNKI'S Janta BOSKEY
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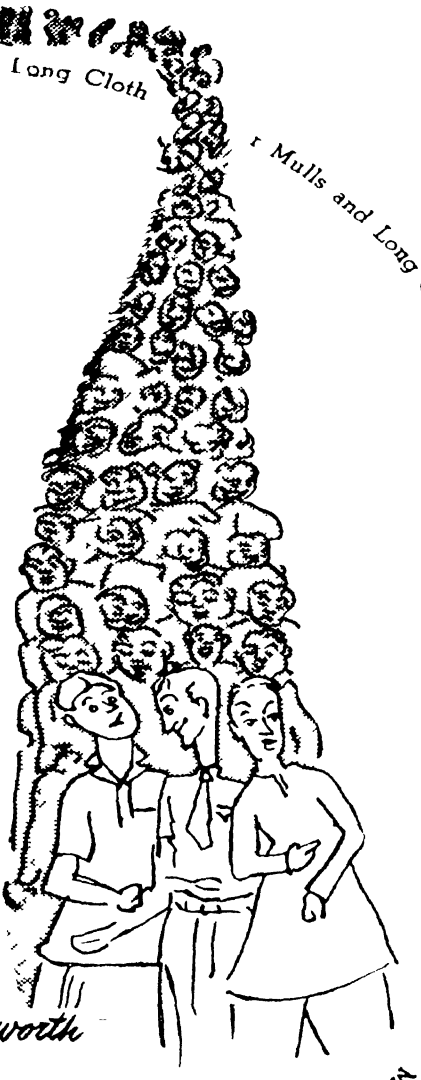

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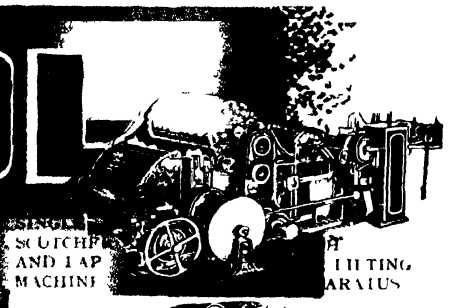

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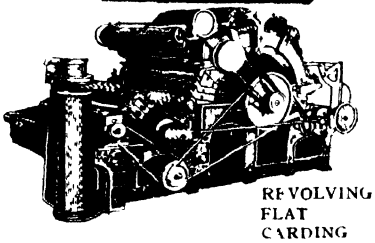

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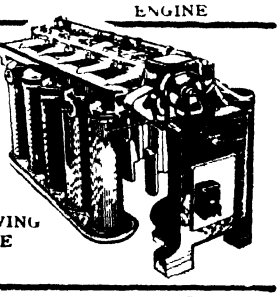

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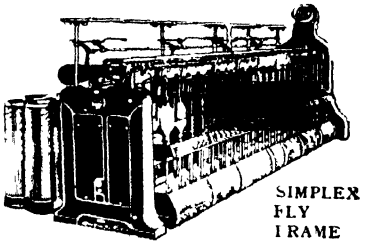

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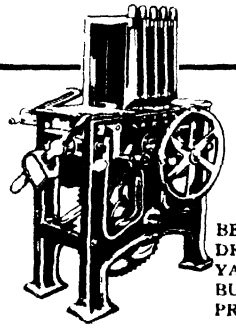

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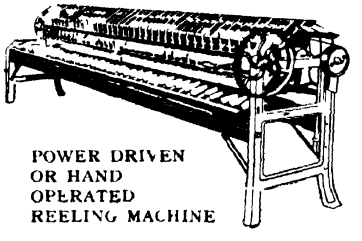

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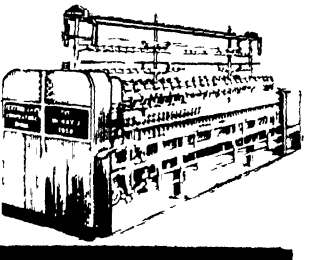

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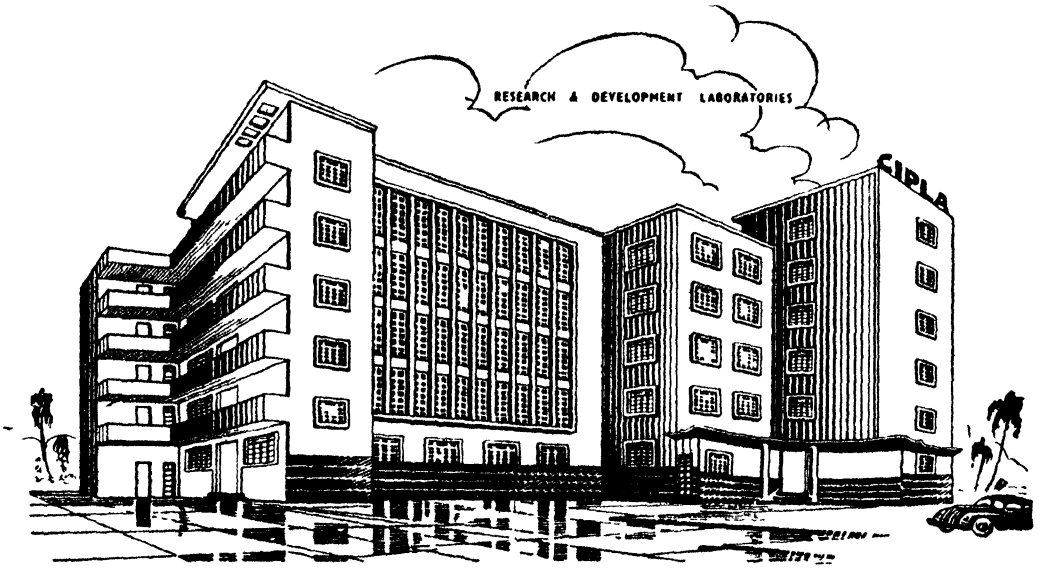

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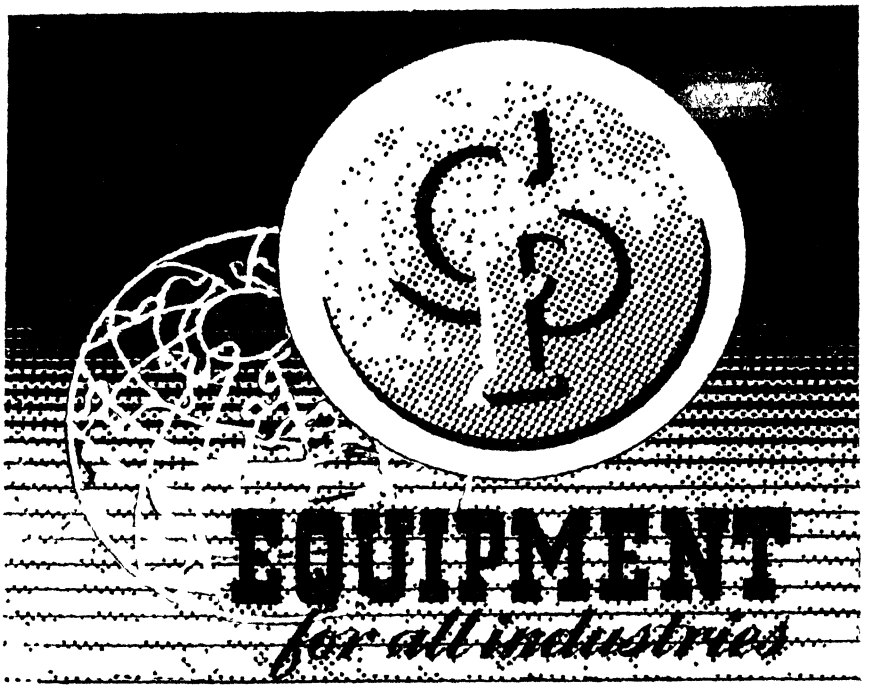

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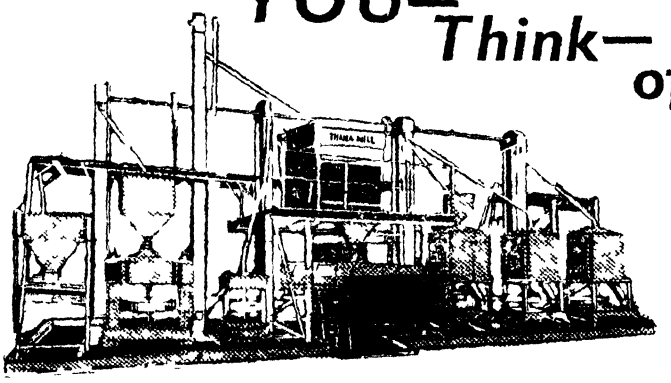

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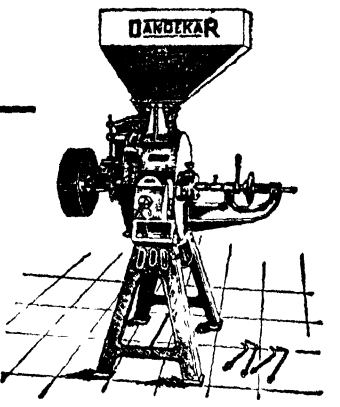

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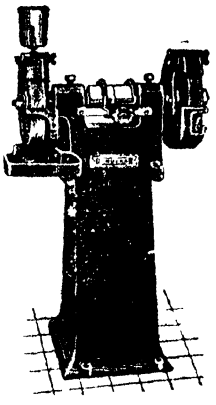

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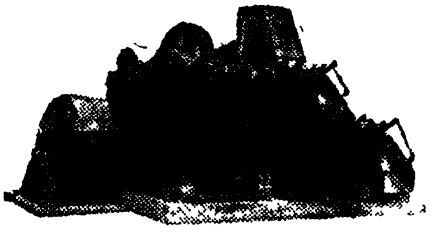

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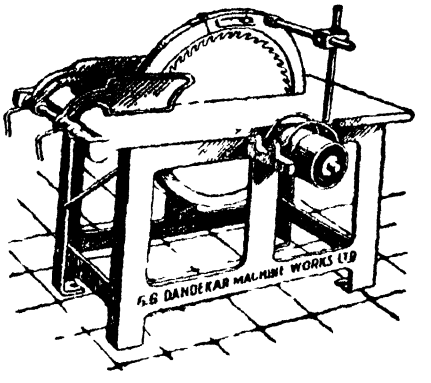

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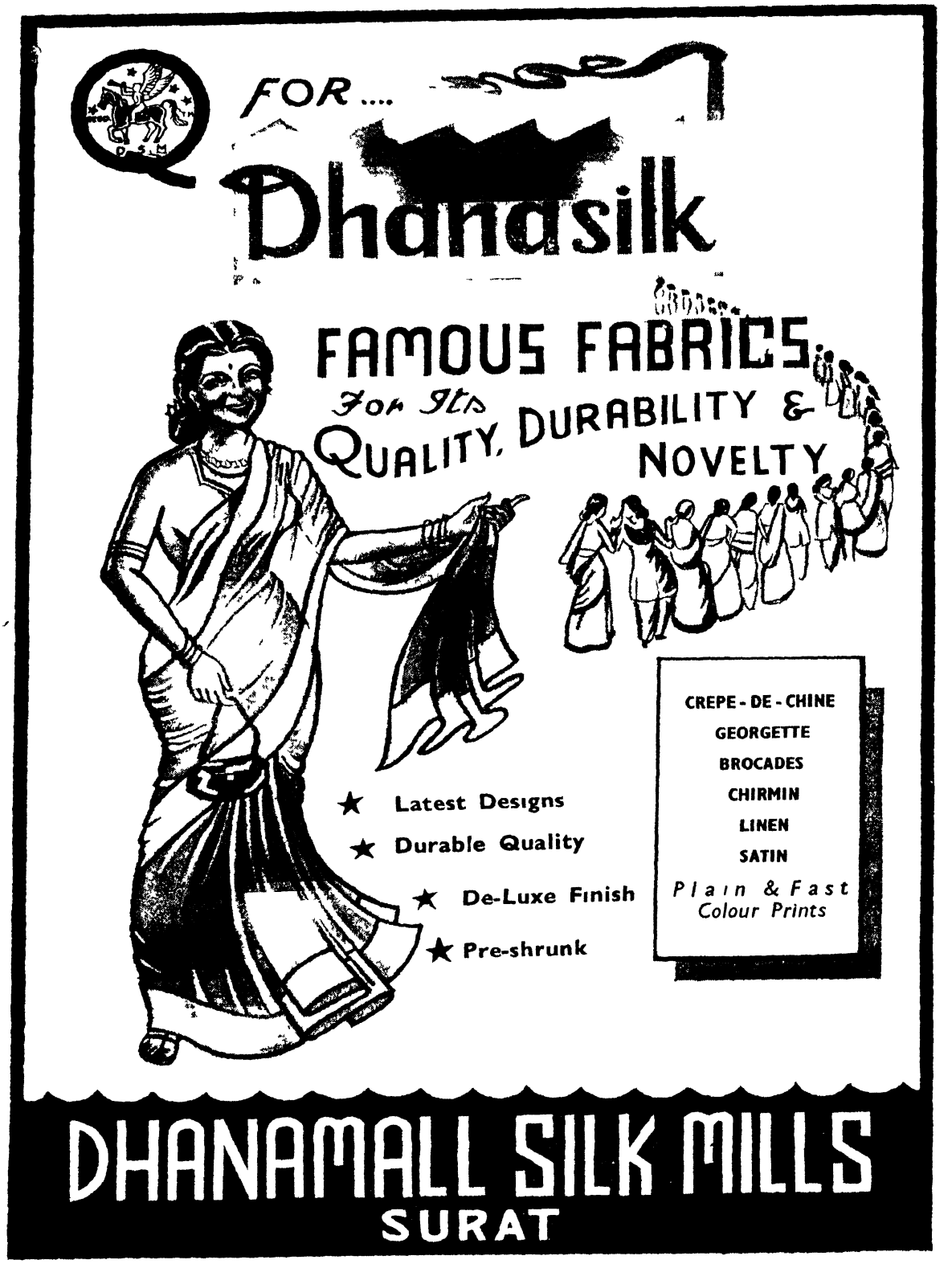
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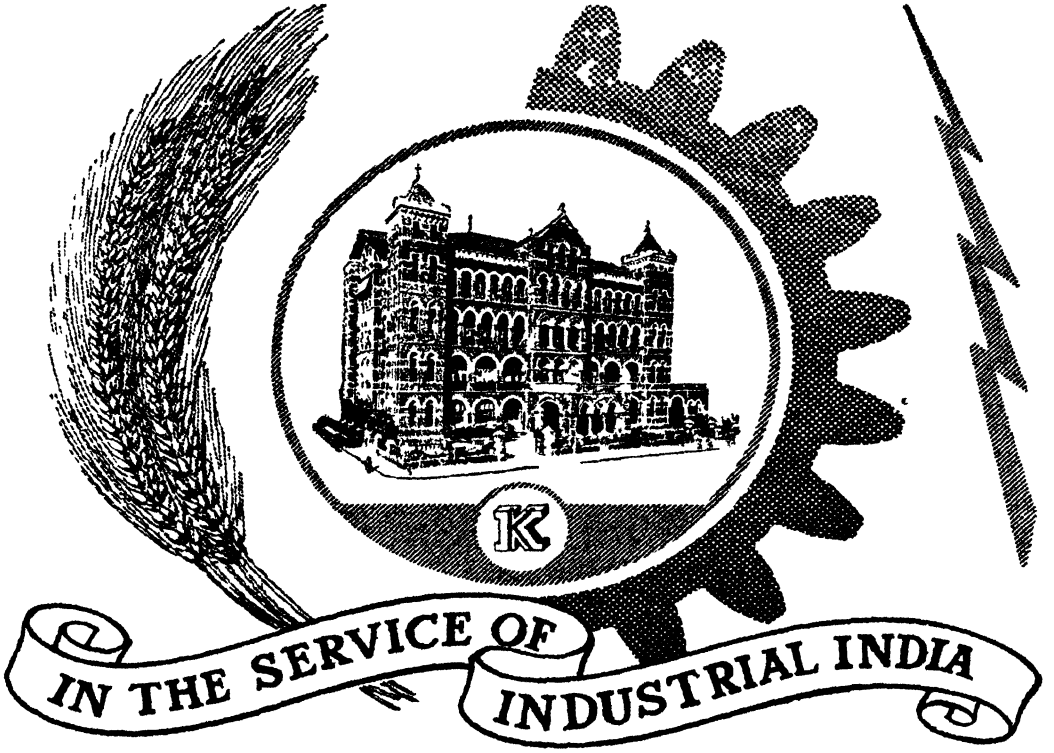

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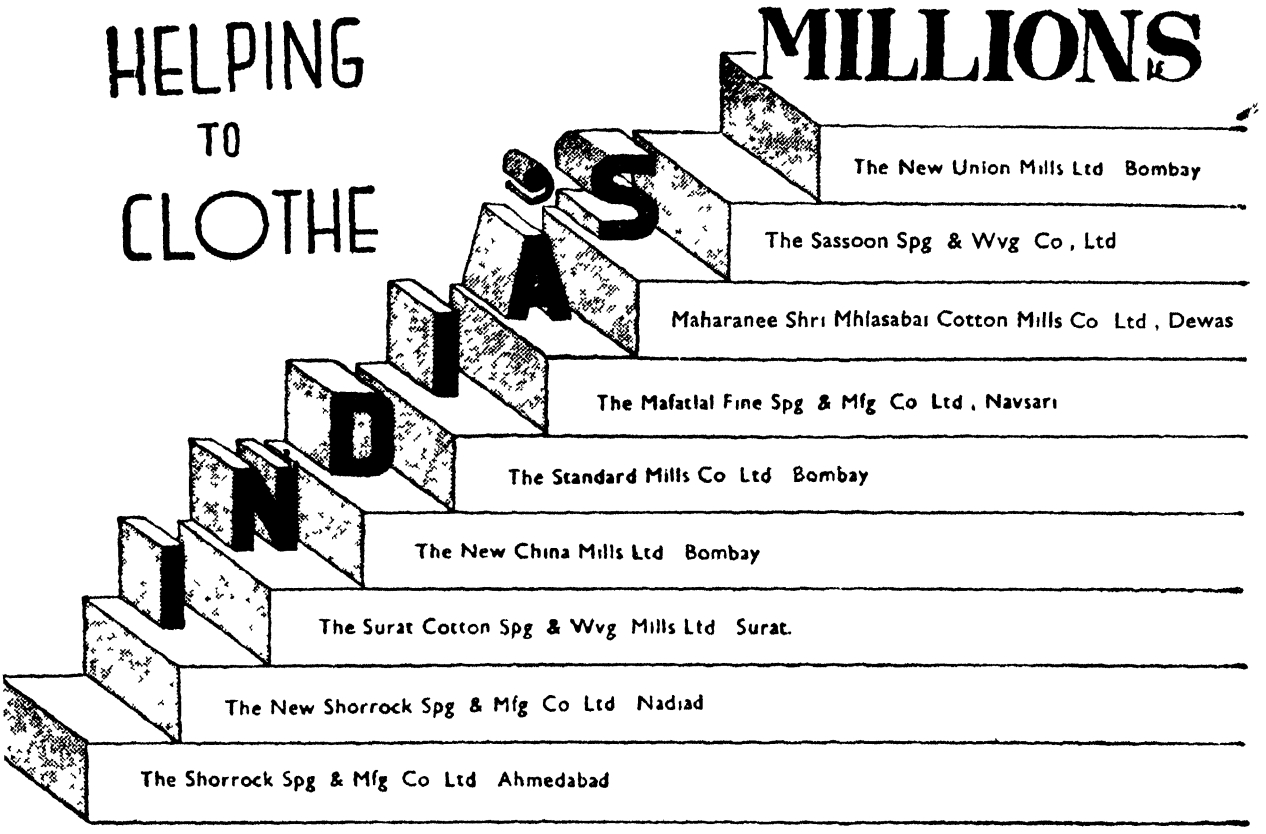

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Born 31 12 1881 — *Died* 19 12 1942

Founder of

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Even at the age of 18 he showed his enterprising spirit Not merely content with looking after the family lands which were ample he ventured to do independent trade in cotton With a small oil-engine and with the blessings of Sir Robert Stanes a ginning factory in Naranapuram was started

In 1910 he started the Lakshmi Mills with an authorised capital of Rs one lakh This too was a ginning factory at the time

Alongside he did forward business in cotton and the First World War amply repaid his speculations, though at one time he had to face a financial crisis immediately after the Armistice in 1918 It was his indomitable spirit that ultimately won

The ambitious entrepreneur succeeded in making the Lakshmi Ginning factory into a Spinning mill in 1933 It has now added a weaving section also The seed sown then has blossomed into a big group of mills called THE LAKSHMI GROUP, which includes the Coimbatore Cotton Mills Ltd , the Rajalakshmi Mills Ltd , etc , which form the most important chain in Coimbatore

In the field of agriculture too his achievements were no less valuable and he used modern methods with advantage

In honour of his memory a Trust for affording Medical Relief and Education has been formed The first tangible result is the construction of an up-to-date Maternity Hospital in Pappanaickenpalayam, Coimbatore at a cost of Rs 15 lakhs A high school is also being built by this Trust to function from the ensuing financial year

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Present total spindlage 76 960 , Looms 200

Year	At Coimbatore	At Kovilpatti	Total
1934	11,600		11,600
1935	18,400		18,400
1936 and 1937	25,440		25,440
1938 to 1941	40,672		40,672
1941	40,672	7,766	48,438
1942 to 1946	40,672	7,766	48,438
1947	41,872	7,766	49,638
1948	41,884	15 984	57,868
1949	42,336	18,576	60,912
1950	42,368	20,736	63,104
1951	42,368	25,920	68,288
1952	51,040	25,920	76,960

Between 1941 and 1948 bonus shares were declared 4 times and Reserves were capitalised and distributed to shareholders Paid-up Capital of Rs 53,46,150 now includes Rs 41,64,100 as bonus issues Further particulars are —

Year ending	Paid-up Capital Rs	Dividend percentage	Dividend paid per year Rs
31-3-1943	17,81,800	40	6,66,037
1944 to 1947	17,82,050	24	4,27,692
1948	35,64,100	12	4,27,692
1949 to 1951	53,46,150	8	4,27,692
1952 & 1953	53,46,150	10	5,34,615

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His large family of three sons and five daughters have had the benefit of the highest education under the guidance of Sheth Shoorjibhai, and his two sons Shri Pratapsinh and Shri Vikramsinh have been associated with him in the management of his shipping and other business activities for some years

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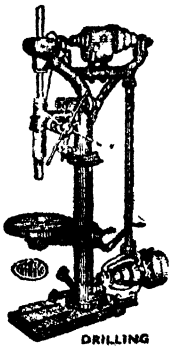

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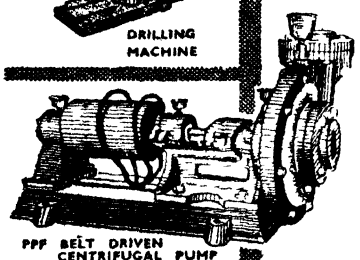

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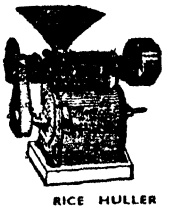

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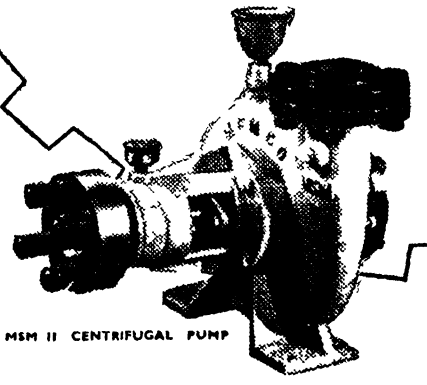

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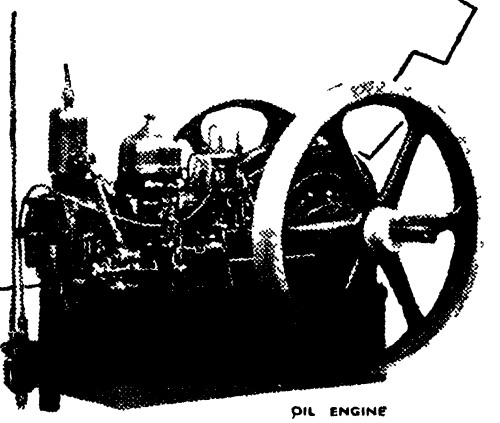

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MALLESWARAM, BANGALORE 3.

(*Successors to Mysore Government Industrial & Testing Laboratory*)

Authorised Capital	**Rs. 30,00,000.**
Issued & Subscribed Capital	**Rs. 15,00,000.**
Share Capital contributed by the Government of Mysore	**Rs. 3,75,000.**

Chairman The Director of Medical Services to the Government of Mysore (Ex-officio Government Director)

Ag Managing Director Dr M Sivaram, BA, MBBS (Government Director)

Secretary N Venkatanagappa, MA, Dip-in-Com

General Manager Shah L Janniah, BSc AIISc

In pursuance of their policy to transfer Industrial Concerns started by them to private enterprise, after they had been established on a sound basis, the Government of Mysore sponsored the establishment of THE MYSORE INDUSTRIAL & TESTING LABORATORY, LTD, for the purpose of handing over as a running concern, the Government Industrial & Testing Laboratory—a Concern started by them in 1931 for the manufacture of Pharmaceutical Preparations

In so doing the Government initiated a new policy of working this Industrial Concern of theirs jointly with the public The Government of Mysore continue to be interested in the Concern as part owners in that 25 per cent of the shares are held by them The Government have also the right of nominating three of their representatives as Directors on the Board of Management One of these Government Directors is also appointed by them as Chairman of the Company The Director of Medical Services in Mysore and the Director of Public Health in Mysore are *ex-officio* representatives of the Government on the Board of Management

The Laboratory is well equipped for the work it is intended to do with up-to-date machinery chemical plants designed for highly specialised work, and a fully equipped Chemical Control Laboratory Highly qualified chemists and trained skilled workers are in charge of all manufacturing operations

The Laboratory has made rapid progress within the past few years and expanded the lines of manufacture such as galenicals, medicinal specialities (like Vitoferrin, Gripe Syrup, Sedatin, Itcol-3, etc) fine chemicals (like Citrates Acetates, Amyl Alcohol, Amyl Nitrate, Methanol-G R, etc) glandular extract (like Reticulin brand Liver Extract) and injectables THE PLANT FOR MANUFACTURE OF MALT EXTRACT ON A LARGE SCALE HAS GONE INTO PRODUCTION RECENTLY

The Company enjoys the exclusive privilege of supplying its products to State Hospitals Medical Stores and other Departments of the Government of Mysore

The I T L Brand Pharmaceutical preparations are popular with the medical profession all over South India

With the facilities made available by the Government of Mysore to expand its activities, the Laboratory has been endeavouring to maintain high standards and render greater service in the cause of National Public Health

Our

MEDICINAL SPECIALITIES:

1 GLUCONATE-D TABLETS—Calcium Gluconate with Vitamin D for Calcium Deficiency

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THE MYSORE LAMP WORKS LTD.

BANGALORE

THE Company was floated in 1936 and manufacture started in the middle of 1937

OBJECTS

Manufacture of Incandescent Electric Lamps of 10 to 1000 Watts in all standard voltages Neon Sign Lamps Street Series lamps, Torch lamps Train Lighting Lamps etc and components therefor

CAPITAL

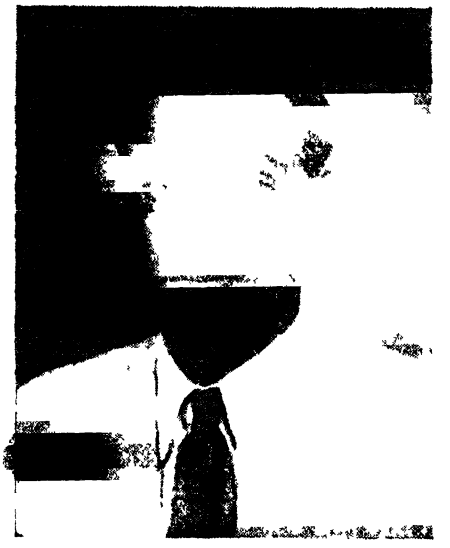
The Authorised Capital is Rs 10 Lakhs out of which Rs 6 30 are issued and fully subscribed

At present the Company has a Reserve of Rs 7 15 000

PLANT AND PRODUCTS

The products manufactured in the Works are well received both by the Governments and the General Public The full requirements of Mysore Government in Electric lamps are being met by this factory and Street Series lamps required by the Hyderabad Government have been supplied Attempts are being made to manufacture successfully Automobile lamps Telephone Switch Board Lamps and Torch lamps Coloured Decorative lamps have been manufactured and released to the market

This factory has employed 160 persons and has got highly automatic up to date machinery and is managed by well trained Skilled Personnel Rigid tests are applied at every stage regarding quality and best quality lamps are produced



Mr George Chandy, M S I I Chief Electrical Engineer to the Government of Mysore and The Controller, Mysore Lamp Works Ltd , Bangalore 3

For Efficiency and Long Life Mysore lamps are well known and there is great demand for these lamps Efforts are being made to reach upto the installed capacity of 15,000 lamps per day, as early as possible depending upon market conditions

PRICES

As members of the Indian Lamp Factories Association we strictly adhere to the price policy of the Association

We have Sole Distributors all over India and there are great demands from all parts of the country for Mysore Lamps

This is one of the major lamp factories in India and the only Factory in Southern India With the Development of electricity schemes in the country it is hoped that the installed capacity of the factory will be fully utilised in the near future and our products will be in great demand in all parts of India

WELFARE ACTIVITIES

The Company provides a Canteen which caters to the needs of the workers with lunch and meals at considerably lower rates on no profit no loss basis The workers are also provided with a Recreation Club wherein facilities for Indoor and Outdoor games News papers and Magazines, etc are provided

Free Medical Aid is given to all the employees and a Registered Medical Practitioner visits the works twice a week

Provident Fund facilities are provided to the workers and leave is given to the employees in accordance with the Works Service Rules as applied to Mysore Government Industrial Concerns

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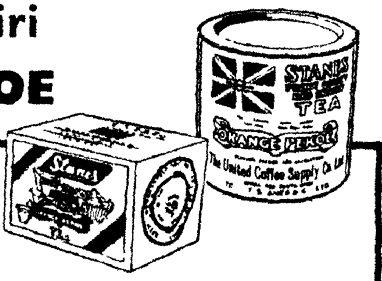

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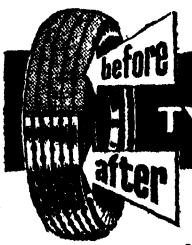

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Chairman & Managing Director

SRI H. N. PALLEGAR, M A , LL B., I.A S.

Authorised Capital	**Rs 40,00,000**
Paid-up Capital	**,, 36,69,700**
Reserves	**,, 11,00,000**



Side-view of the Mills

Named after His Highness Sri Krishnarajendra Wadiyar Bahadur IV, GCSI, GBE of revered memory, the Sri Krishnarajendra Mills, Ltd, has been serving the public for over three decades by manufacturing and supplying to the country special quality yarns, excellent and durable cloth and superfine hosiery The Mills are situated on the northern outskirts of Mysore City amidst picturesque surroundings

The Company had to pass through trying and difficult times for over two decades after its birth just after the First Great War in 1920 The Government of Mysore with their usual farsighted policy of encouraging industrial enterprise in the State came to the rescue of the Company at a critical time in 1931 and by assuming managerial responsibility of the Company placed it on a firm basis

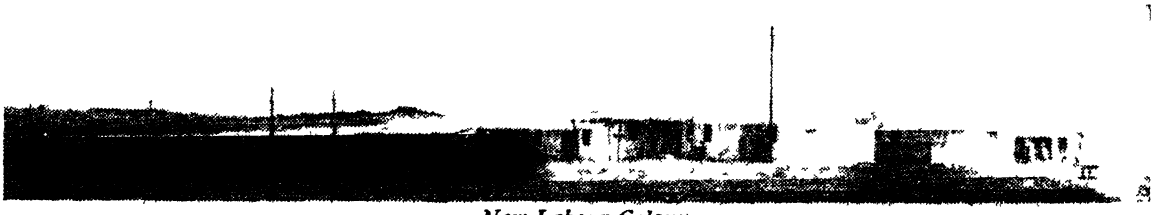


Canteen

During World War II the Company recorded rapid progress shook off its heavy debt burden, built up sizable reserves and placed itself on sound financial foundations State aid was no longer necessary and the management was handed over in 1940 by Government to the shareholders The paid-up share capital, which had been written down by half in 1926 was restored to its original paid up value of Rs 50 per share in 1948

Labour welfare has continued to receive the active and sympathetic attention of the management With the full co-operation of the labour force which is forthcoming in ample measure, it has been possible for the Mills to improve their standard of living and introduce many new welfare measures In the matter of labour housing in addition to the 68 original tenements, 176 fresh tenements were added to the modern labour colony during 1943-45 A permanent scheme for the payment of profit bonus linked to the dividend paid to the shareholders was instituted in 1944 In 1949, old rules of periodical gratuities to workers were replaced by a new compulsory scheme of Workmen's Provident Fund

An up-to-date Canteen Creche Free Dispensary Co operative Society, Children's Schools, Bhajan Mandir, Social Club and Adult Literacy classes are the chief welfare institutions actively functioning for the good of workers and their dependants



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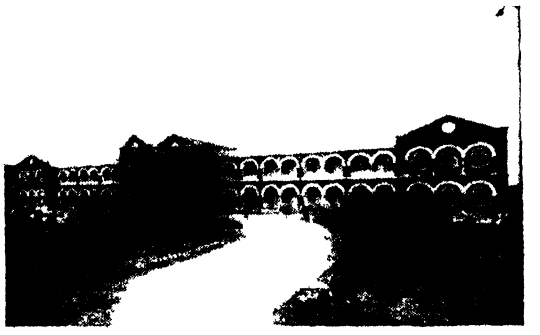

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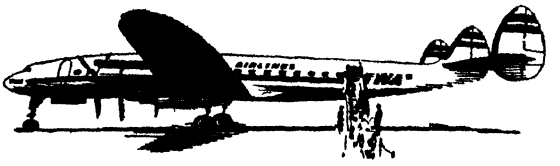

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GENERAL INDEX

Note—**Every effort has been made to give a comprehensive index to the information given in the Book, and it is hoped that it will facilitate easy reference. Should, however, anyone have suggestions or criticism to offer calculated to improve the index, they are welcome and will be carefully considered.**

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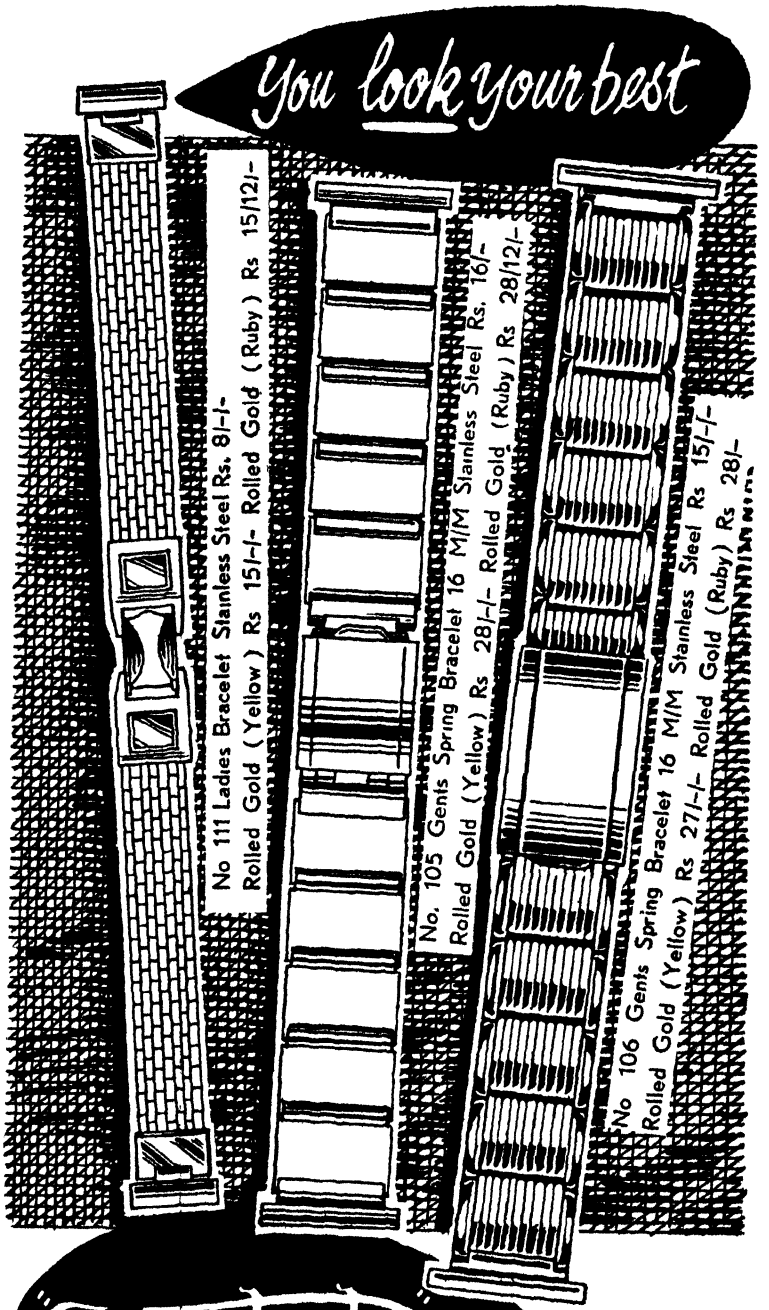

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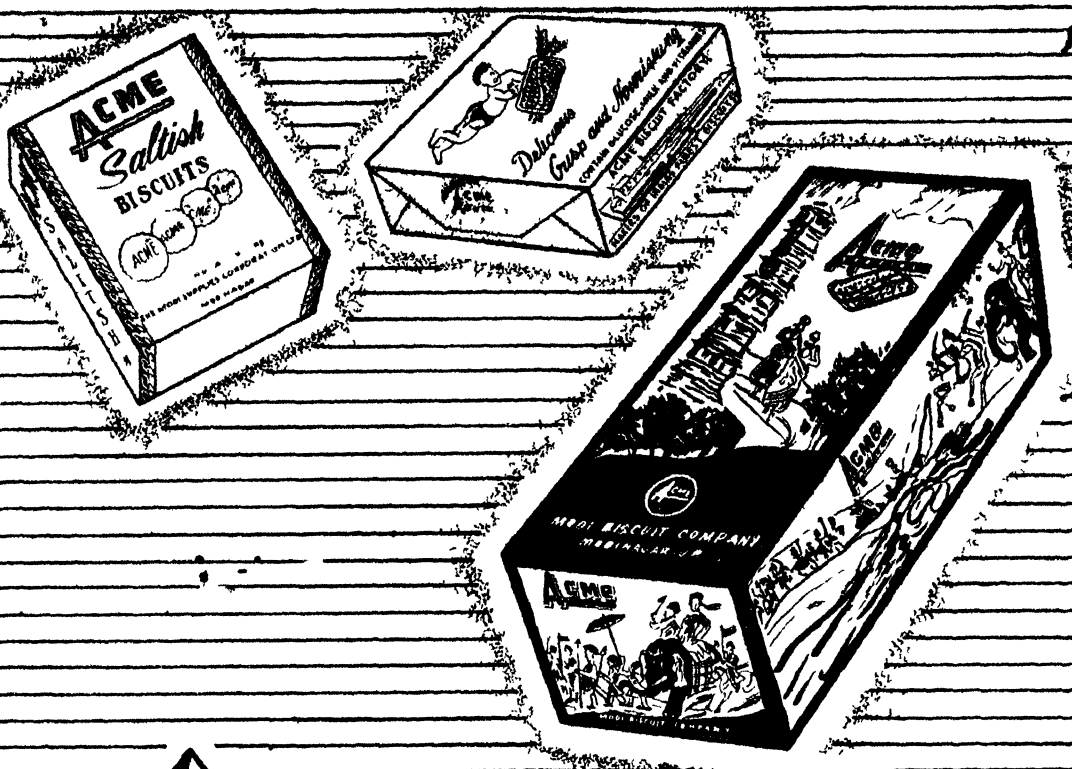

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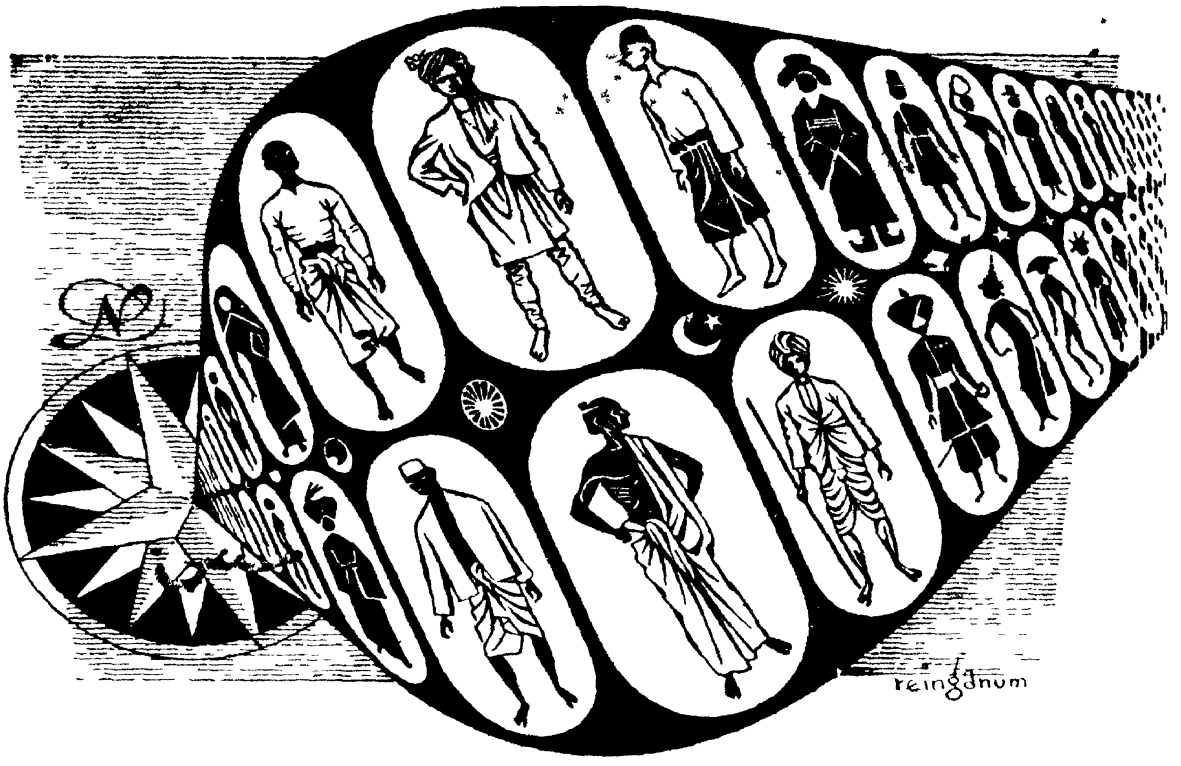

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